

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110921\  
 Data File : BF126081.D  
 Acq On : 9 Nov 2021 14:19  
 Operator : JU/CG  
 Sample : M4567-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BASEMENT

Quant Time: Nov 09 14:53:32 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 03 17:21:25 2021  
 Response via : Initial Calibration

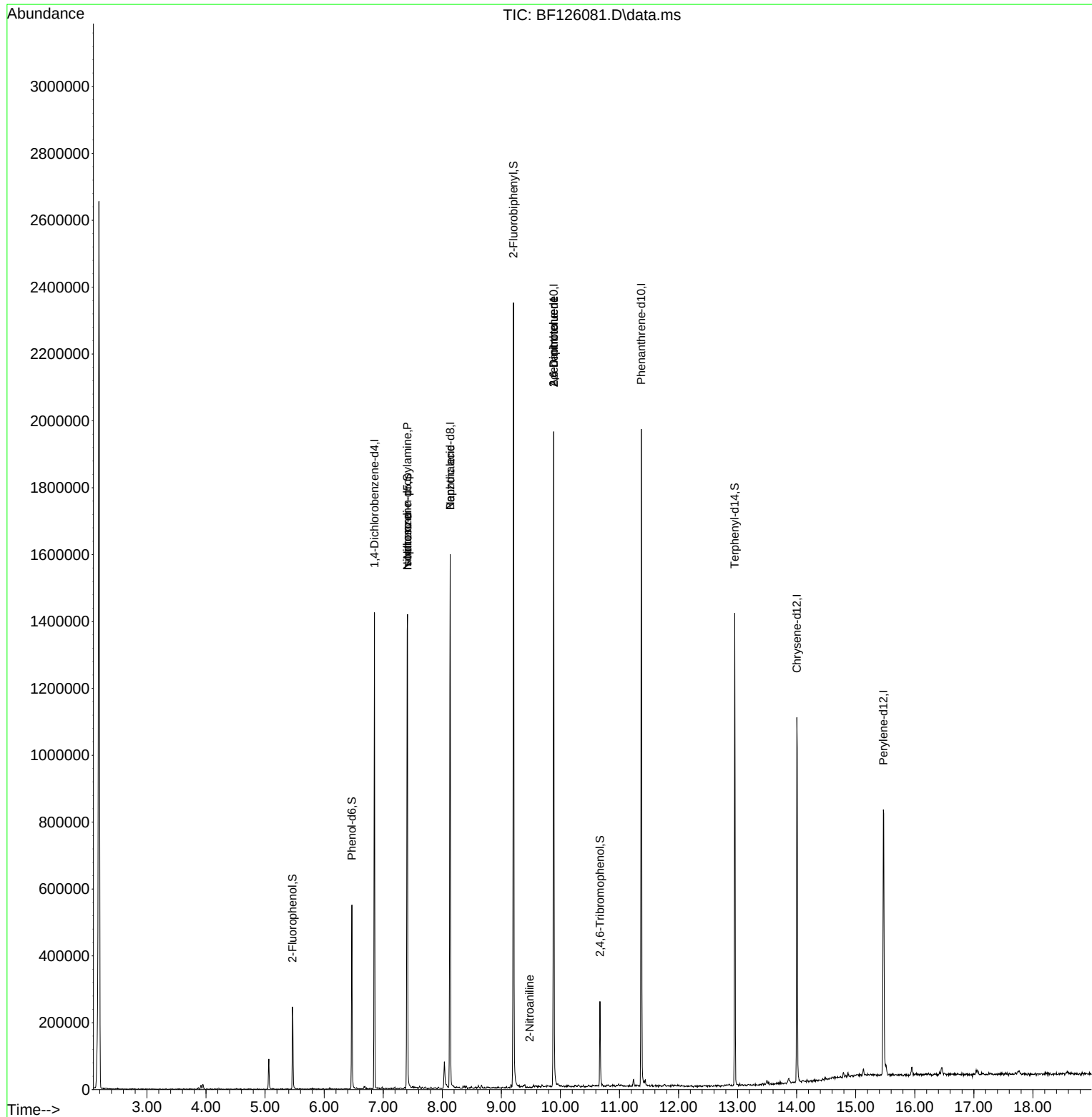
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 173528   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.134  | 136  | 649077   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.886  | 164  | 390732   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.369 | 188  | 700738   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 14.004 | 240  | 395564   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 15.468 | 264  | 399351   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.463  | 112  | 57147    | 5.655     | ng    | 0.00     |
| 7) Phenol-d6                  | 6.469  | 99   | 131875   | 9.258     | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 458372   | 33.304    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 28658    | 6.400     | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 693417   | 23.982    | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.951 | 244  | 415447   | 16.936    | ng    | -0.01    |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.469  | 77   | 258      | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.410  | 70   | 64724    | 6.892     | ng    | # 58     |
| 25) Isophorone                | 7.410  | 82   | 451799   | 18.233    | ng    | # 59     |
| 32) Benzoic acid              | 8.134  | 122  | 164      | 9.166     | ng    | # 1      |
| 48) 2-Nitroaniline            | 9.481  | 65   | 129      | 2.865     | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.886  | 165  | 50104    | 10.276    | ng    | # 29     |
| 57) 2,4-Dinitrotoluene        | 9.886  | 165  | 50105    | 9.828     | ng    | # 20     |
| -----                         |        |      |          |           |       |          |

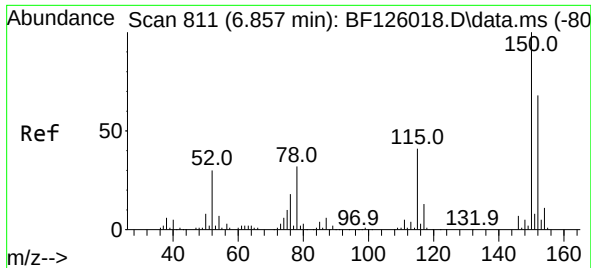
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110921\  
Data File : BF126081.D  
Acq On : 9 Nov 2021 14:19  
Operator : JU/CG  
Sample : M4567-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BASEMENT

Quant Time: Nov 09 14:53:32 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 03 17:21:25 2021  
Response via : Initial Calibration

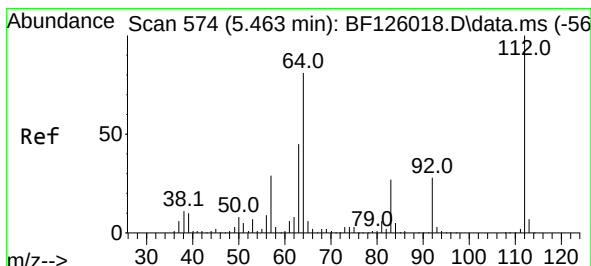
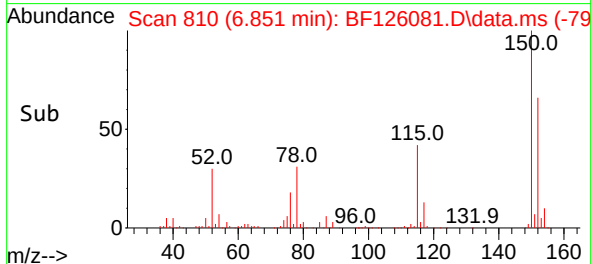
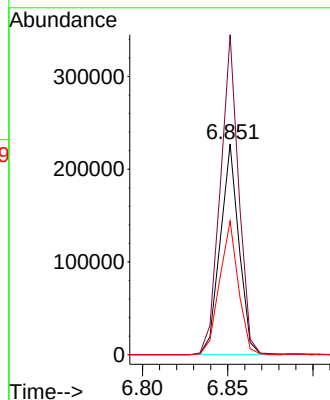
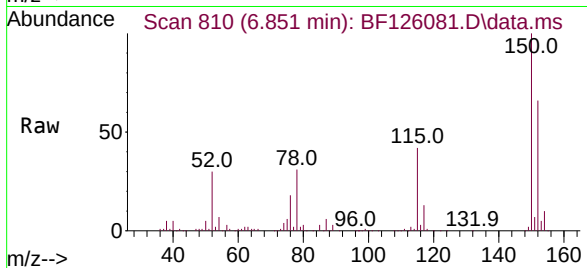




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.851 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

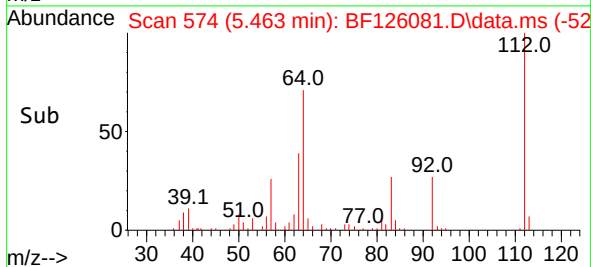
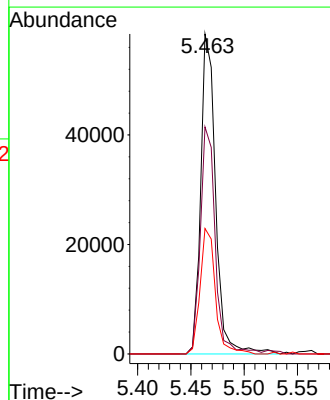
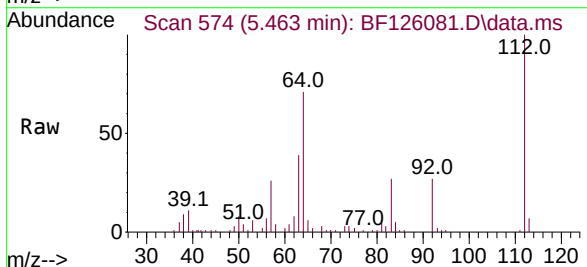
Instrument :  
BNA\_F  
ClientSampleId :  
BASEMENT

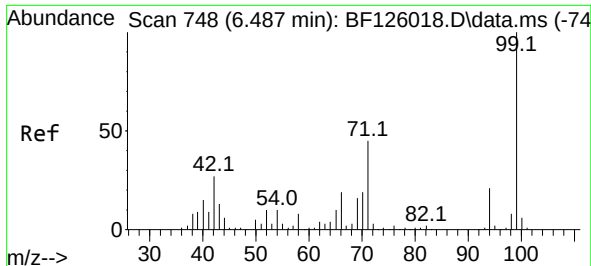
Tgt Ion:152 Resp: 173528  
Ion Ratio Lower Upper  
152 100  
150 151.8 117.6 176.4  
115 63.4 47.1 70.7



#5  
2-Fluorophenol  
Concen: 5.655 ng  
RT: 5.463 min Scan# 574  
Delta R.T. 0.000 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

Tgt Ion:112 Resp: 57147  
Ion Ratio Lower Upper  
112 100  
64 71.0 44.2 66.2#  
63 39.2 26.2 39.2

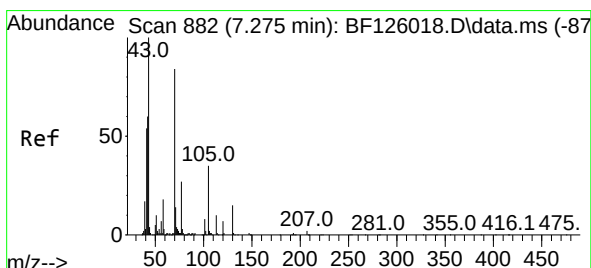
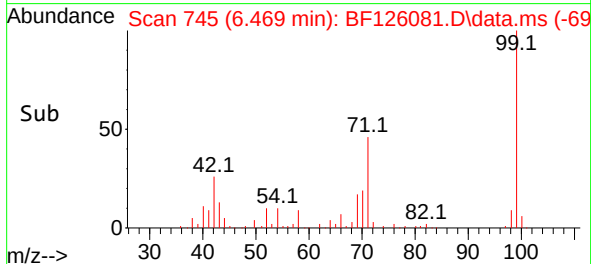
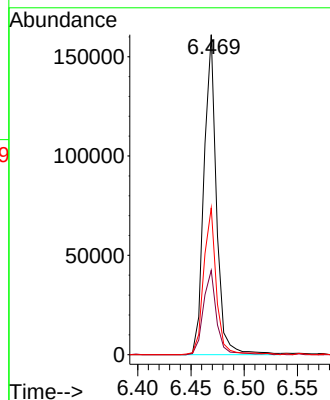
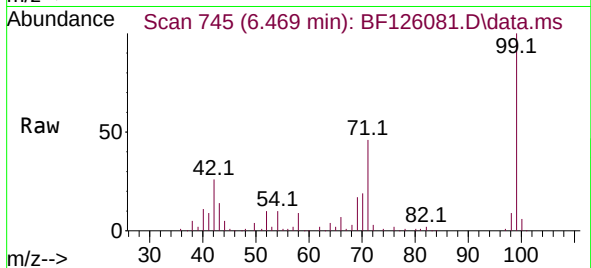




#7  
Phenol-d6  
Concen: 9.258 ng  
RT: 6.469 min Scan# 74  
Delta R.T. -0.018 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

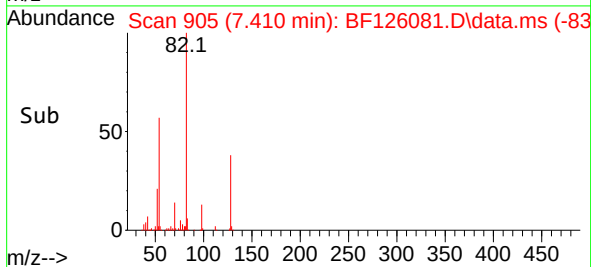
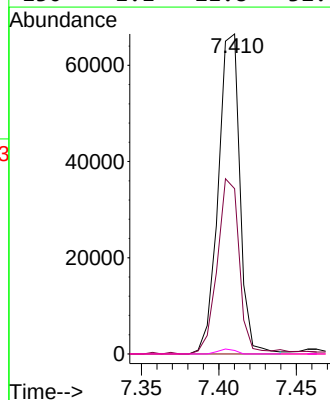
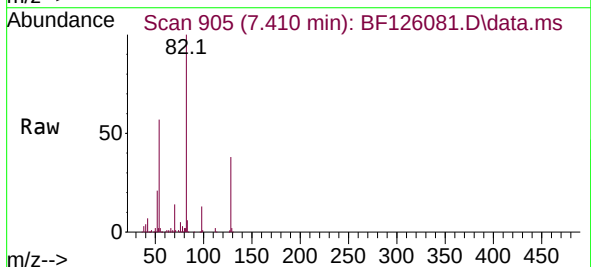
Instrument :  
BNA\_F  
ClientSampleId :  
BASEMENT

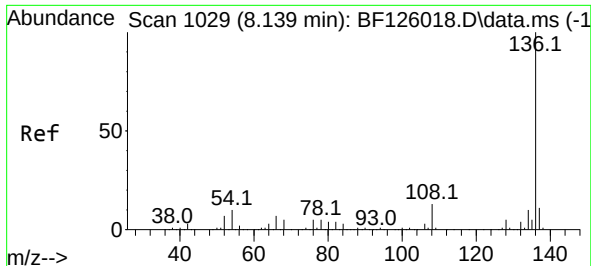
Tgt Ion: 99 Resp: 131875  
Ion Ratio Lower Upper  
99 100  
42 26.4 23.5 35.3  
71 45.9 25.6 38.4#



#19  
n-Nitroso-di-n-propylamine  
Concen: 6.892 ng  
RT: 7.410 min Scan# 905  
Delta R.T. 0.135 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

Tgt Ion: 70 Resp: 64724  
Ion Ratio Lower Upper  
70 100  
42 51.7 72.2 108.2#  
101 0.0 7.8 11.8#  
130 1.1 21.8 32.6#

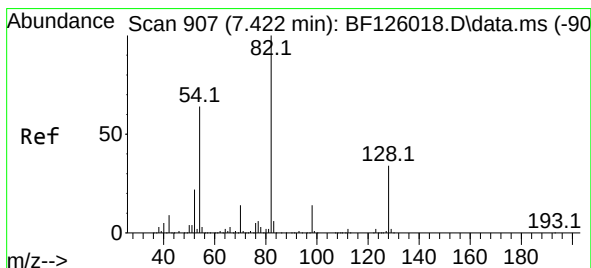
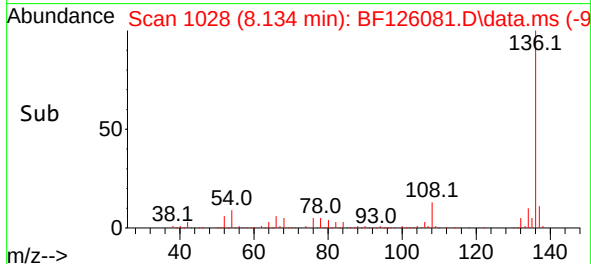
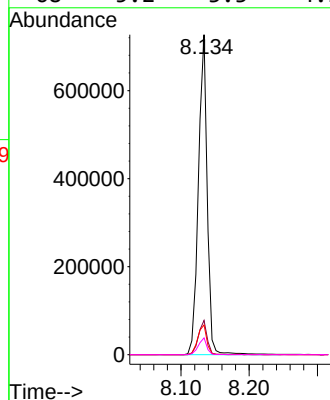
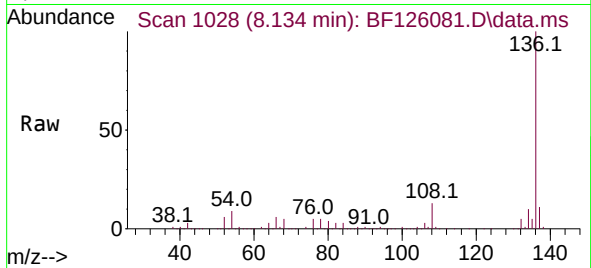




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.134 min Scan# 1028  
Delta R.T. -0.005 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

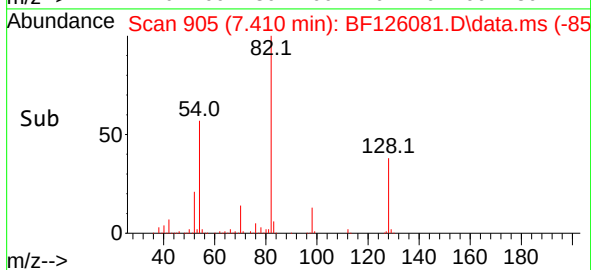
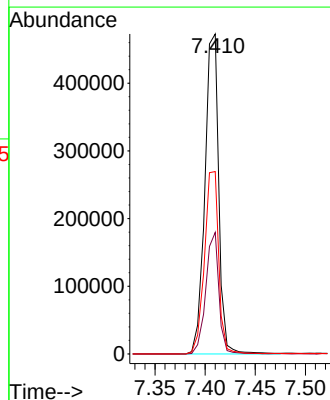
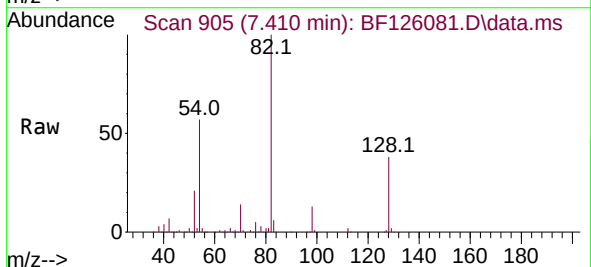
Instrument :  
BNA\_F  
ClientSampleId :  
BASEMENT

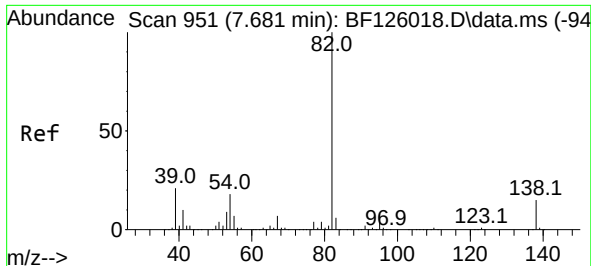
Tgt Ion:136 Resp: 649077  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.8 14.6  
54 9.3 6.4 9.6  
68 5.2 3.3 4.9#



#23  
Nitrobenzene-d5  
Concen: 33.304 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.012 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

Tgt Ion: 82 Resp: 458372  
Ion Ratio Lower Upper  
82 100  
128 38.0 40.6 60.8#  
54 57.0 49.6 74.4

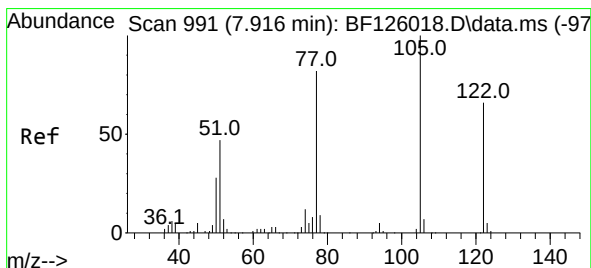
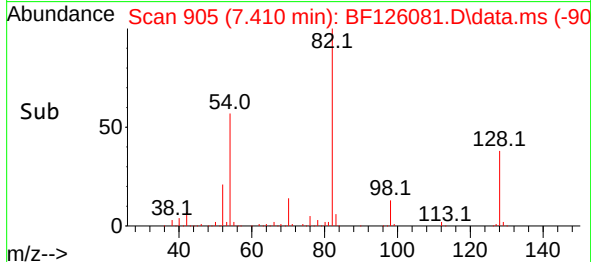
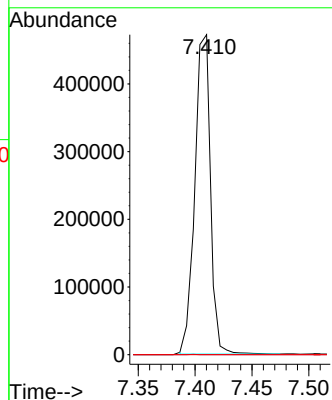
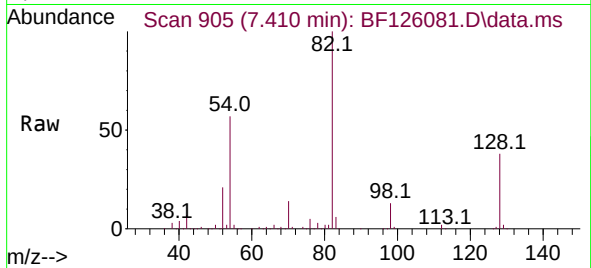




#25  
Isophorone  
Concen: 18.233 ng  
RT: 7.410 min Scan# 90  
Delta R.T. -0.271 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

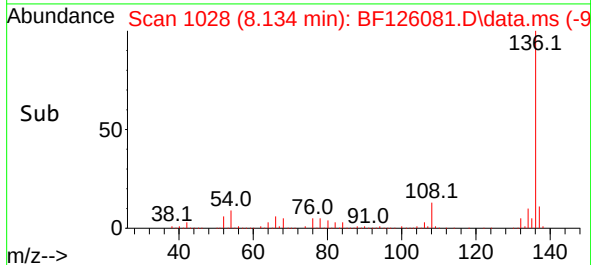
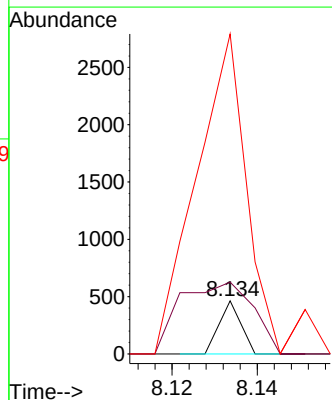
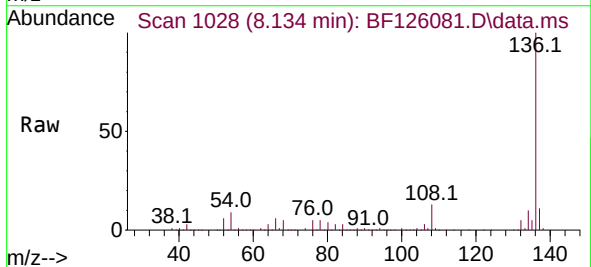
Instrument :  
BNA\_F  
ClientSampleId :  
BASEMENT

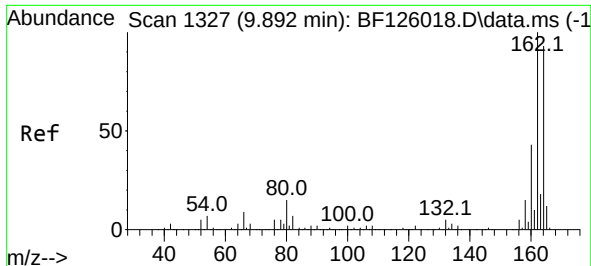
Tgt Ion: 82 Resp: 451799  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#32  
Benzoic acid  
Concen: 9.166 ng  
RT: 8.134 min Scan# 1028  
Delta R.T. 0.218 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

Tgt Ion: 122 Resp: 164  
Ion Ratio Lower Upper  
122 100  
105 134.9 97.6 137.6  
77 601.7 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126081.D

Acq: 9 Nov 2021 14:19

Instrument :

BNA\_F

ClientSampleId :

BASEMENT

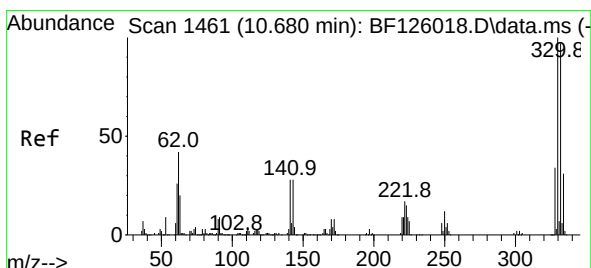
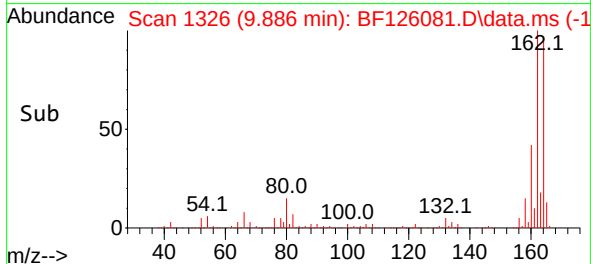
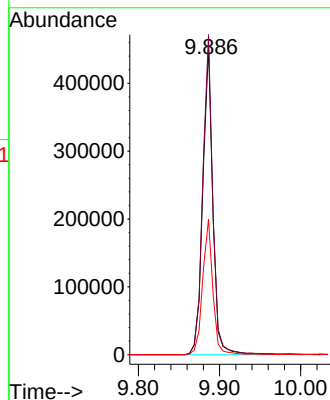
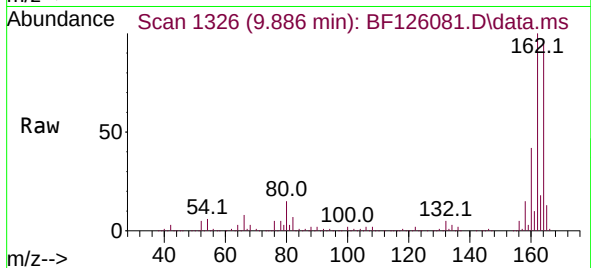
Tgt Ion:164 Resp: 390732

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 44.0 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 6.400 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.012 min

Lab File: BF126081.D

Acq: 9 Nov 2021 14:19

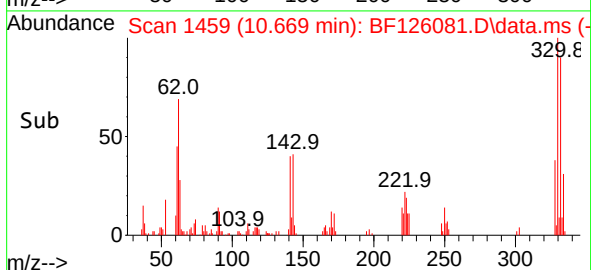
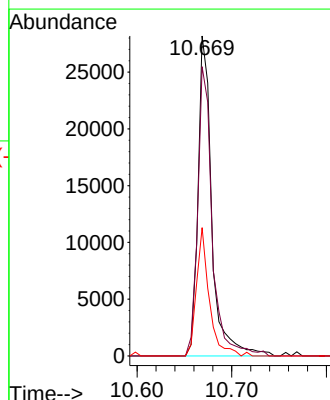
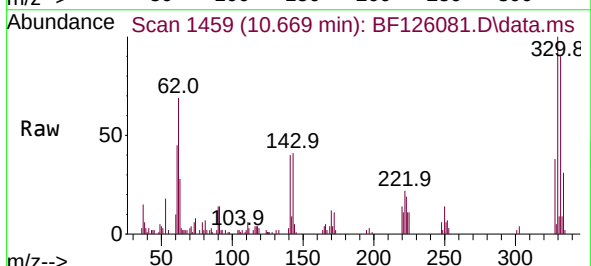
Tgt Ion:330 Resp: 28658

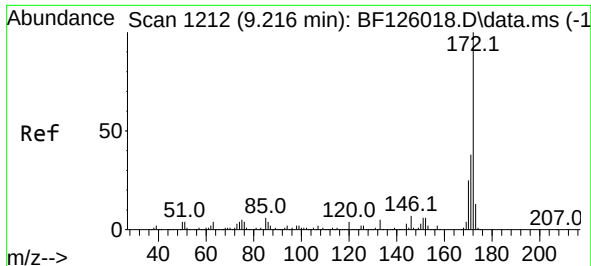
Ion Ratio Lower Upper

330 100

332 94.6 76.2 114.4

141 37.3 44.6 66.8#

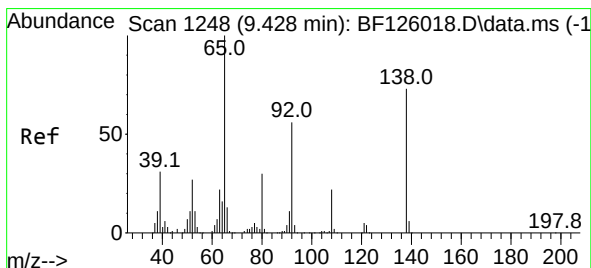
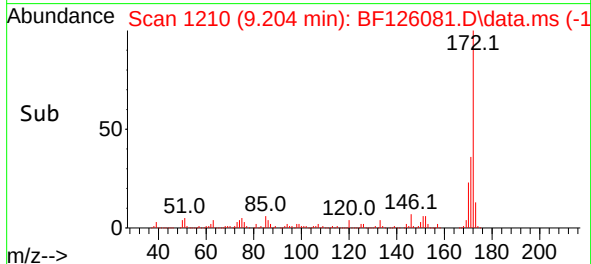
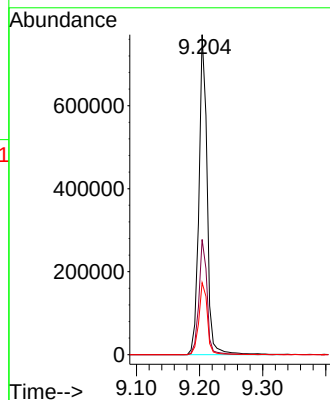
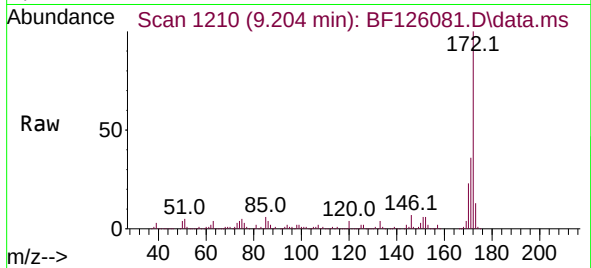




#45  
2-Fluorobiphenyl  
Concen: 23.982 ng  
RT: 9.204 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

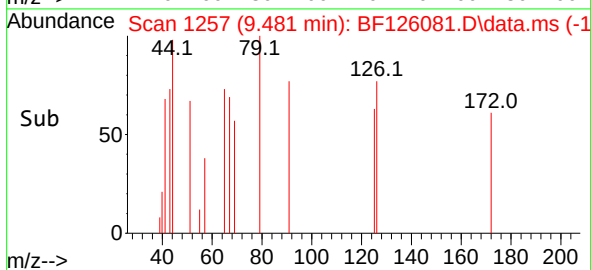
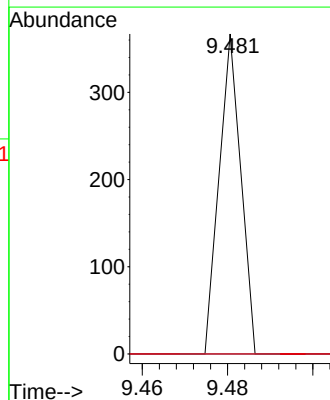
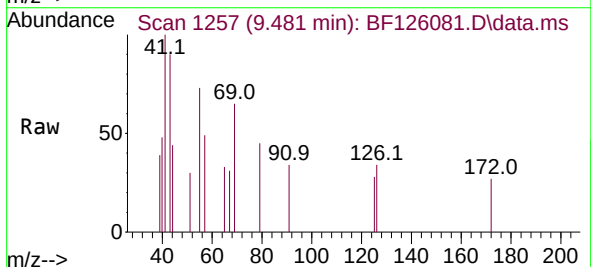
Instrument :  
BNA\_F  
ClientSampleId :  
BASEMENT

Tgt Ion:172 Resp: 693417  
Ion Ratio Lower Upper  
172 100  
171 36.0 26.5 39.7  
170 22.5 18.8 28.2

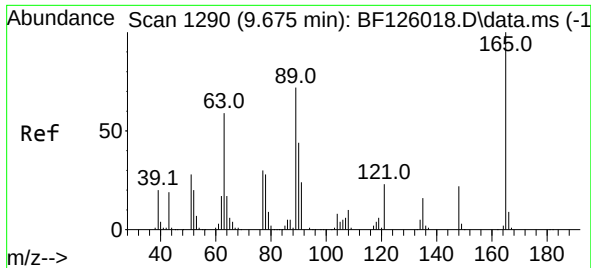


#48  
2-Nitroaniline  
Concen: 2.865 ng  
RT: 9.481 min Scan# 1257  
Delta R.T. 0.053 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

Tgt Ion: 65 Resp: 129  
Ion Ratio Lower Upper  
65 100  
92 0.0 55.5 83.3#  
138 0.0 93.5 140.3#



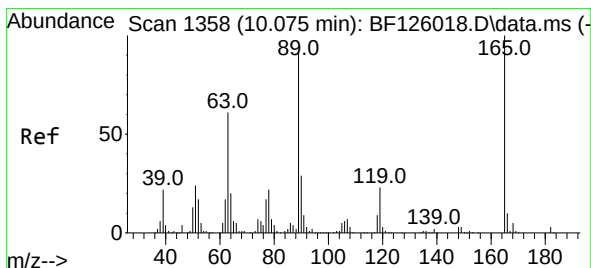
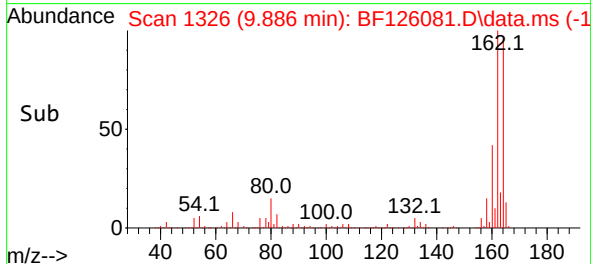
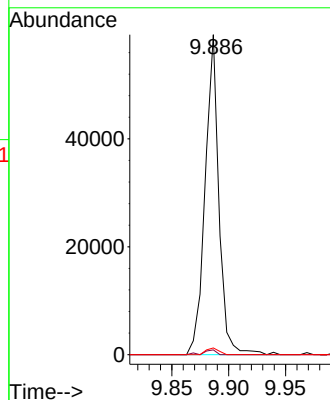
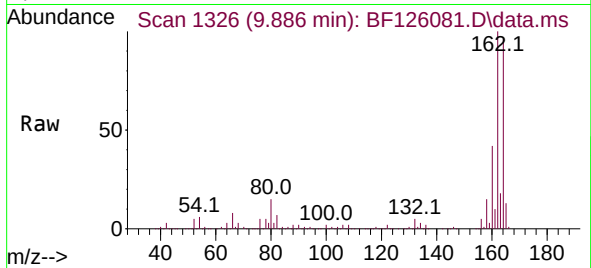




#51  
2,6-Dinitrotoluene  
Concen: 10.276 ng  
RT: 9.886 min Scan# 11  
Delta R.T. 0.211 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

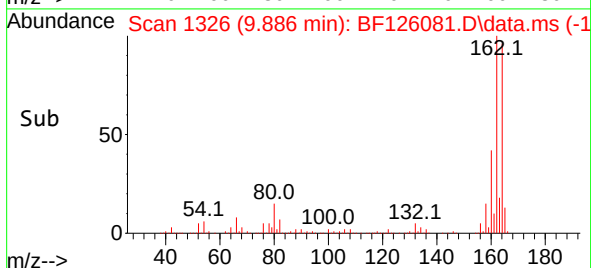
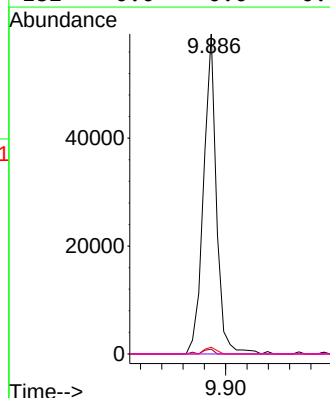
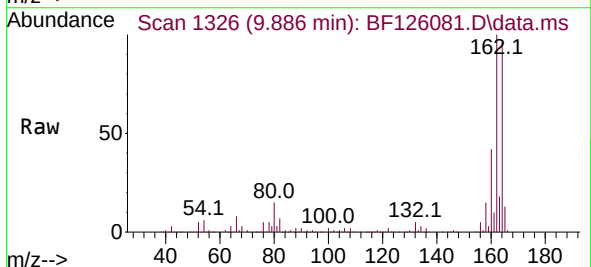
Instrument :  
BNA\_F  
ClientSampleId :  
BASEMENT

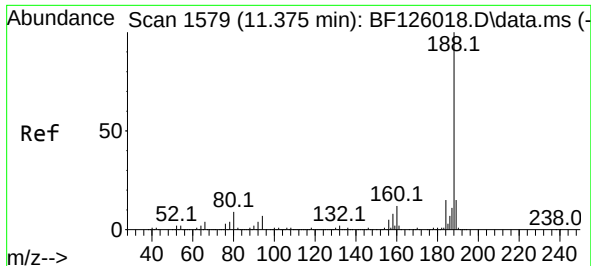
Tgt Ion:165 Resp: 50104  
Ion Ratio Lower Upper  
165 100  
63 1.5 42.6 63.8#  
89 2.1 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 9.828 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.189 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

Tgt Ion:165 Resp: 50105  
Ion Ratio Lower Upper  
165 100  
63 1.5 40.9 61.3#  
89 2.1 59.7 89.5#  
182 0.0 0.0 0.0

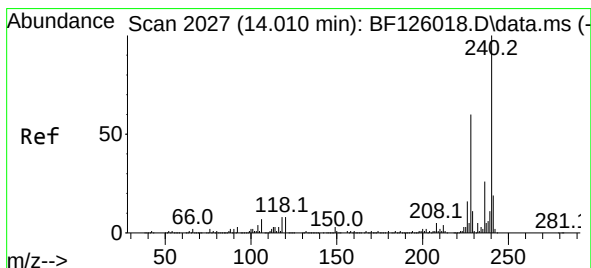
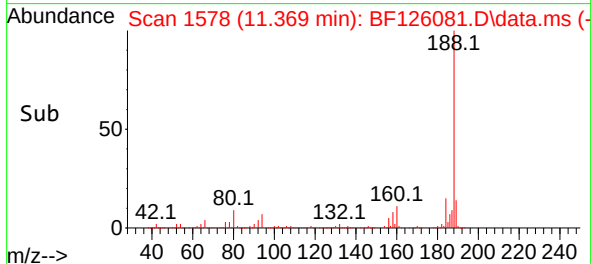
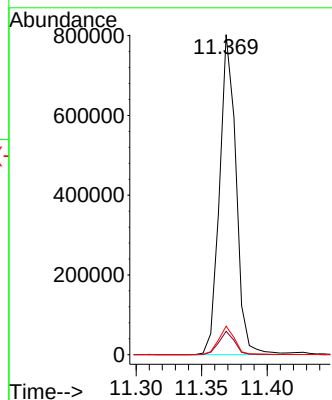
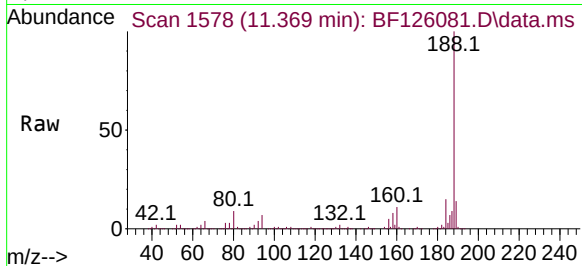




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.369 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

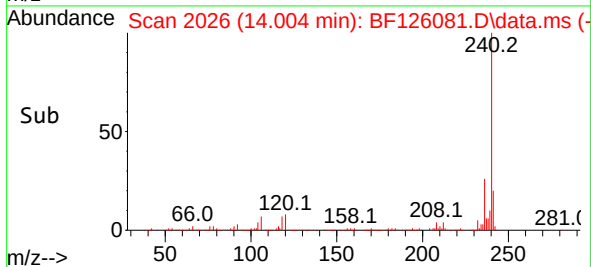
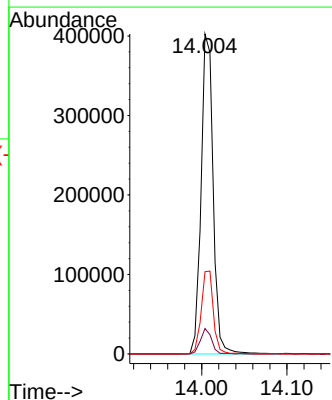
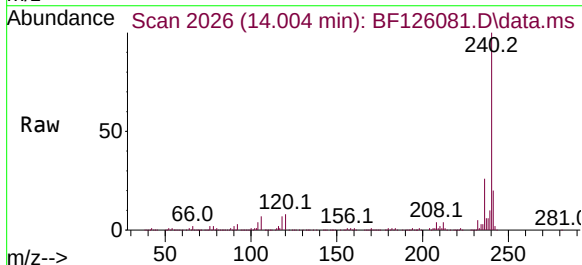
Instrument :  
BNA\_F  
ClientSampleId :  
BASEMENT

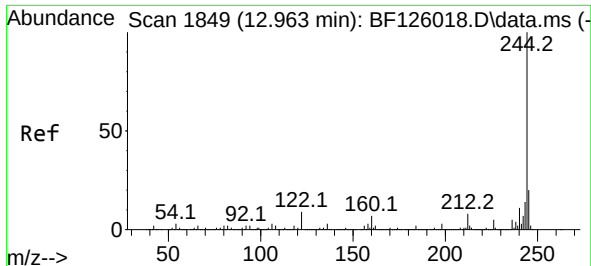
Tgt Ion:188 Resp: 700738  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.7 10.1  
80 8.9 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BF126081.D  
Acq: 9 Nov 2021 14:19

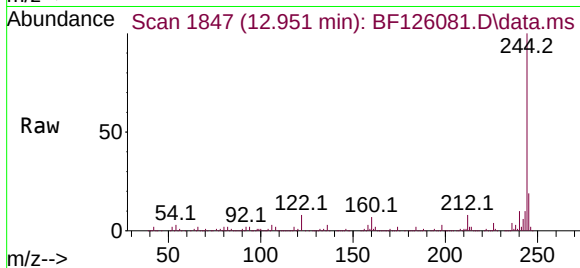
Tgt Ion:240 Resp: 395564  
Ion Ratio Lower Upper  
240 100  
120 8.0 10.8 16.2#  
236 25.7 21.6 32.4



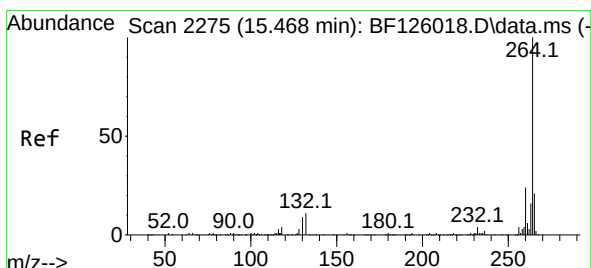
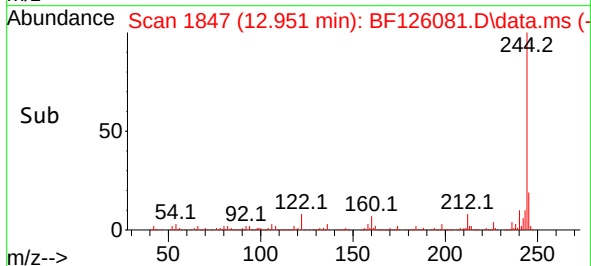
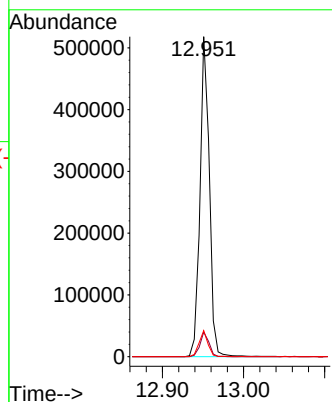


#79  
 Terphenyl-d14  
 Concen: 16.936 ng  
 RT: 12.951 min Scan# 1847  
 Delta R.T. -0.012 min  
 Lab File: BF126081.D  
 Acq: 9 Nov 2021 14:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BASEMENT



Tgt Ion:244 Resp: 415447  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 5.9 8.9  
 122 8.1 9.0 13.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.468 min Scan# 2275  
 Delta R.T. 0.000 min  
 Lab File: BF126081.D  
 Acq: 9 Nov 2021 14:19

Tgt Ion:264 Resp: 399351  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.6 29.4  
 265 21.1 17.2 25.8

