

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092321\  
 Data File : BF125590.D  
 Acq On : 23 Sep 2021 14:03  
 Operator : JU/CG  
 Sample : M3798-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SUB-SLAB-01-(15-17)

Quant Time: Sep 23 14:55:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 19:21:36 2021  
 Response via : Initial Calibration

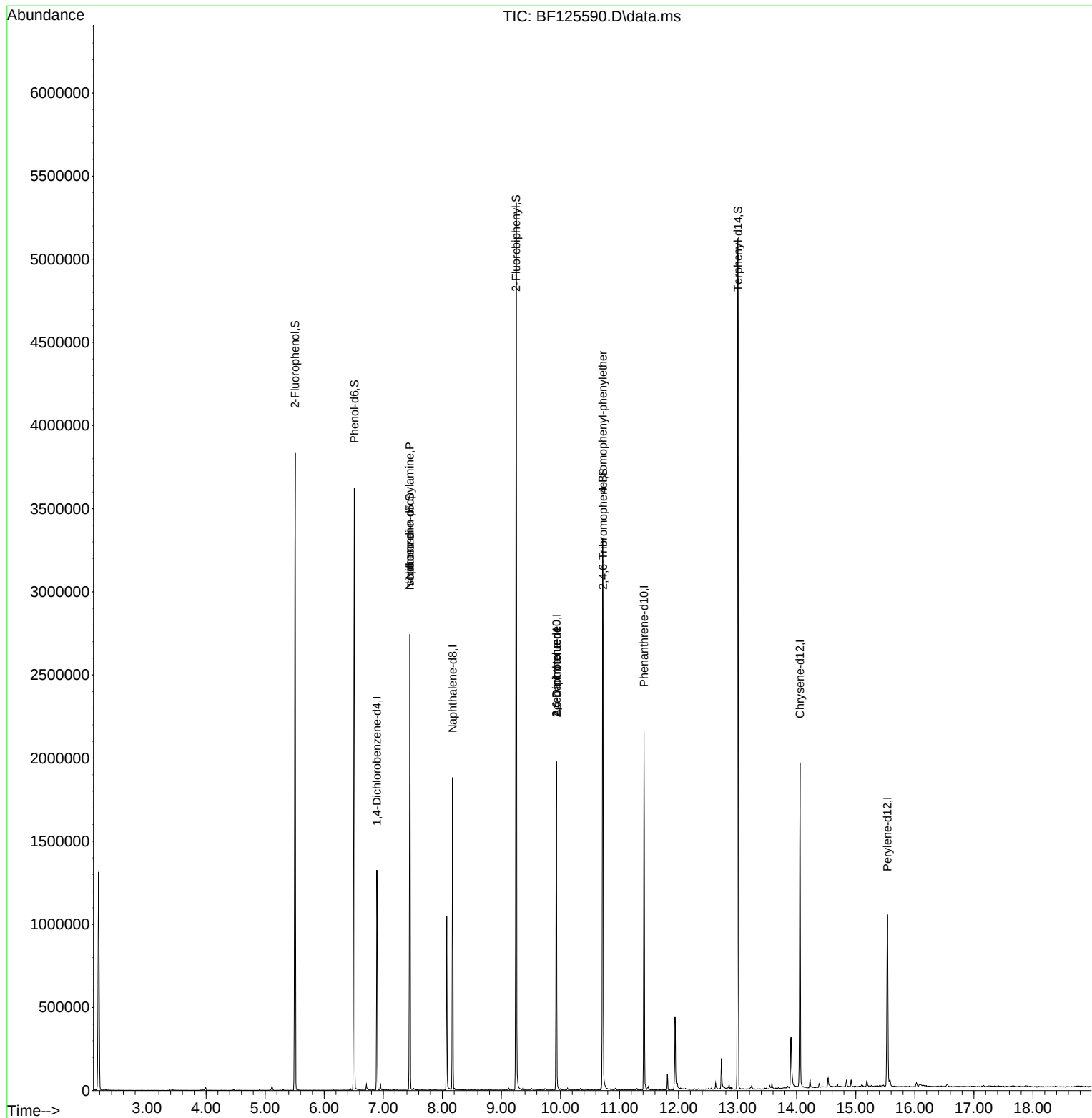
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 190257   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 786205   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.933  | 164  | 427442   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 765013   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.057 | 240  | 632251   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 499425   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 1183335  | 98.355    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1459252  | 94.071    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 864752   | 70.154    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.721 | 330  | 454349   | 108.523   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 1737477  | 71.839    | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.004 | 244  | 1879567  | 48.006    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.510  | 77   | 2097     | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 109689   | 11.815    | ng    | # 52     |
| 25) Isophorone                | 7.451  | 82   | 861276   | 32.469    | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.933  | 165  | 52535    | 8.976     | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 9.933  | 165  | 52536    | 7.490     | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.716 | 248  | 24684    | 2.823     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

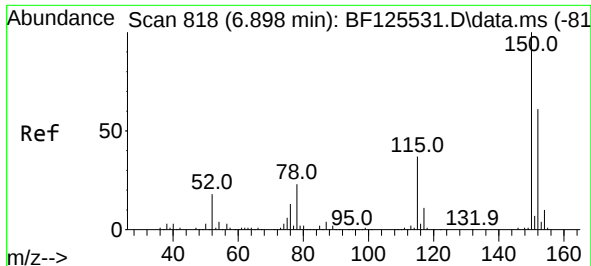
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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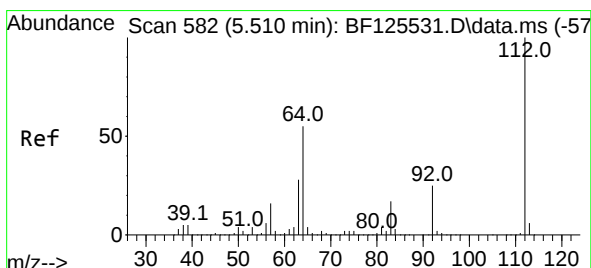
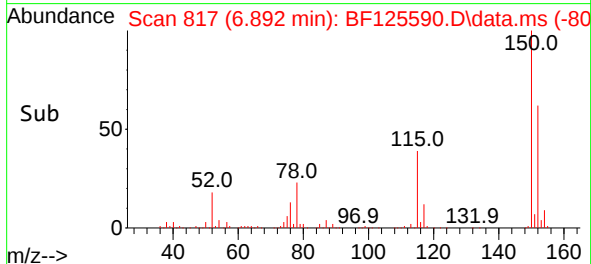
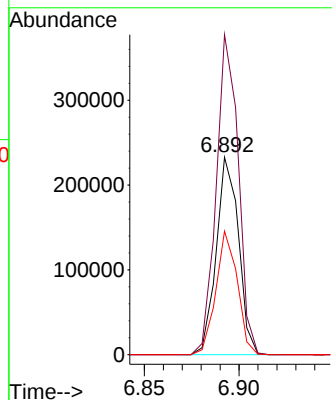
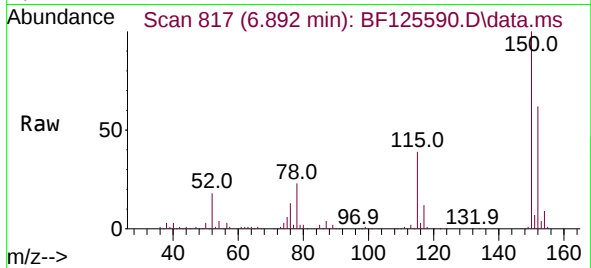




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

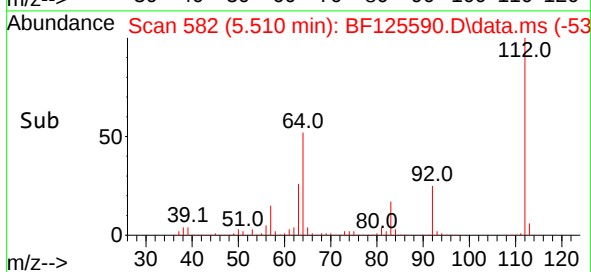
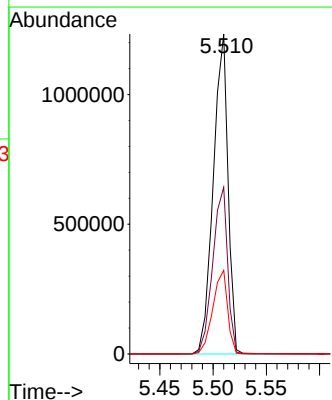
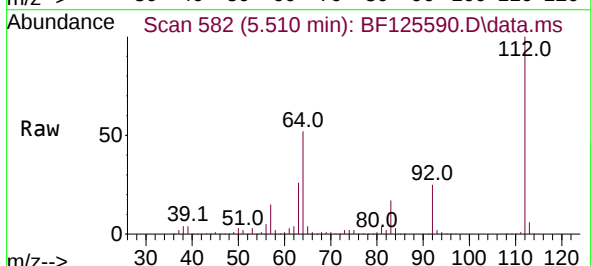
Instrument :  
BNA\_F  
ClientSampleId :  
SUB-SLAB-01-(15-17)

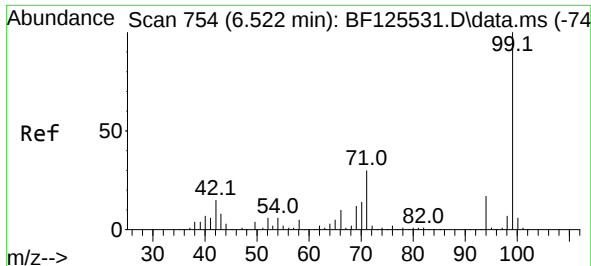
Tgt Ion:152 Resp: 190257  
Ion Ratio Lower Upper  
152 100  
150 162.0 117.6 176.4  
115 62.6 47.1 70.7



#5  
2-Fluorophenol  
Concen: 98.355 ng  
RT: 5.510 min Scan# 582  
Delta R.T. -0.000 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

Tgt Ion:112 Resp: 1183335  
Ion Ratio Lower Upper  
112 100  
64 52.1 44.2 66.2  
63 26.1 26.2 39.2#

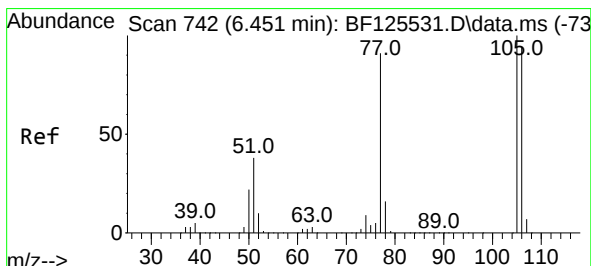
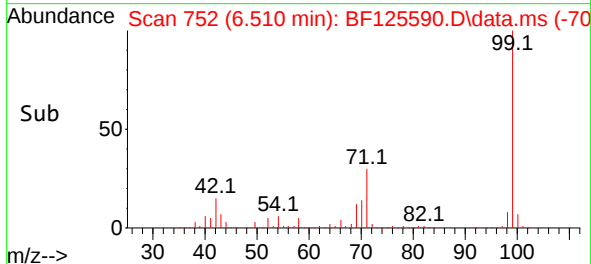
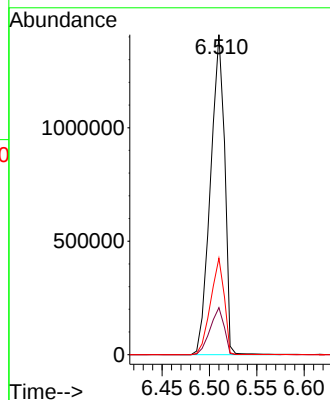
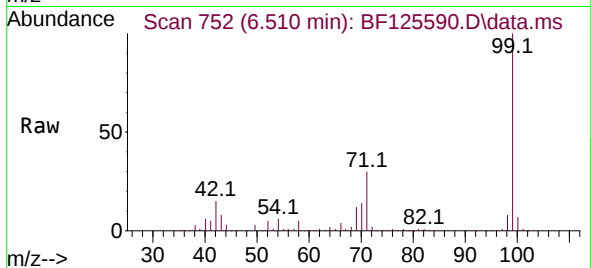




#7  
Phenol-d6  
Concen: 94.071 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

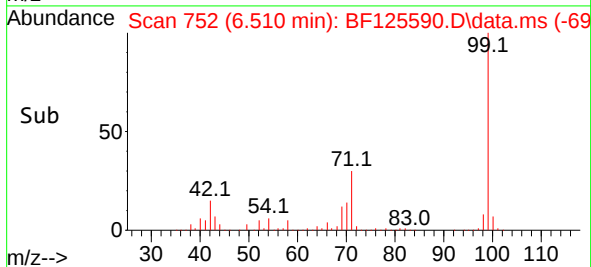
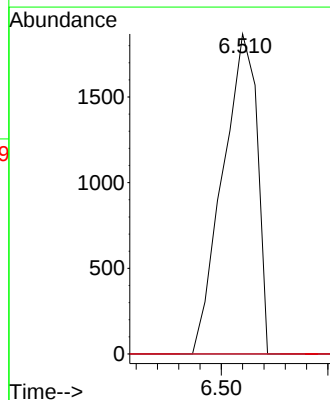
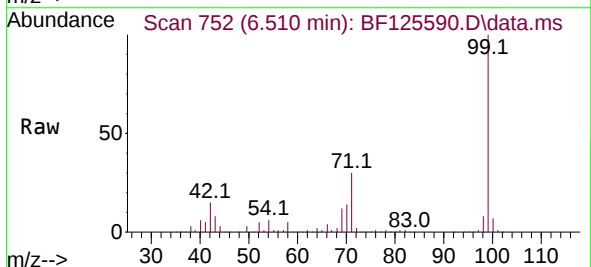
Instrument :  
BNA\_F  
ClientSampleId :  
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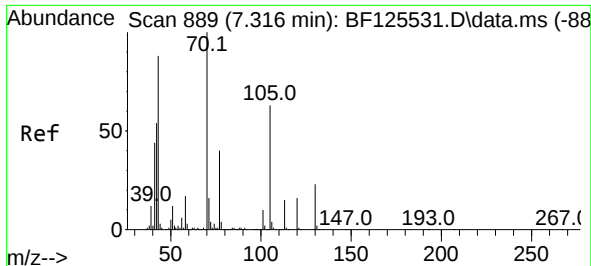
Tgt Ion: 99 Resp: 1459252  
Ion Ratio Lower Upper  
99 100  
42 14.7 23.5 35.3#  
71 30.2 25.6 38.4



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.510 min Scan# 752  
Delta R.T. 0.059 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

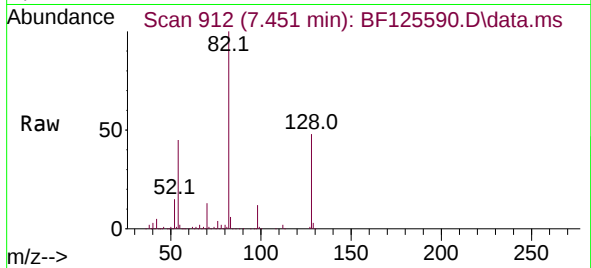
Tgt Ion: 77 Resp: 2097  
Ion Ratio Lower Upper  
77 100  
105 0.0 75.9 115.9#  
106 0.0 84.0 124.0#



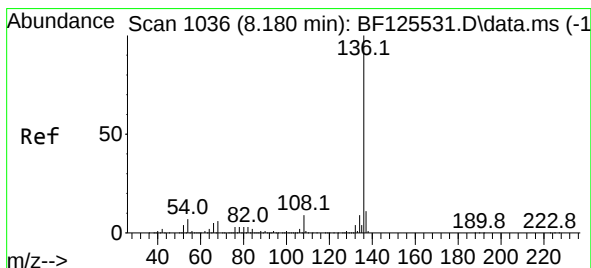
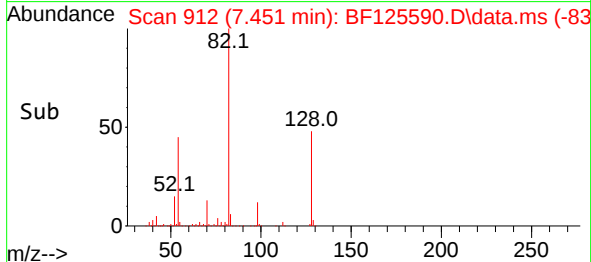
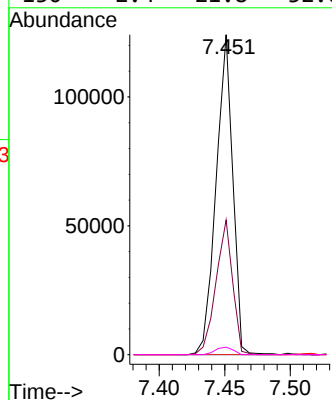


#19  
n-Nitroso-di-n-propylamine  
Concen: 11.815 ng  
RT: 7.451 min Scan# 912  
Delta R.T. 0.135 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SUB-SLAB-01-(15-17)

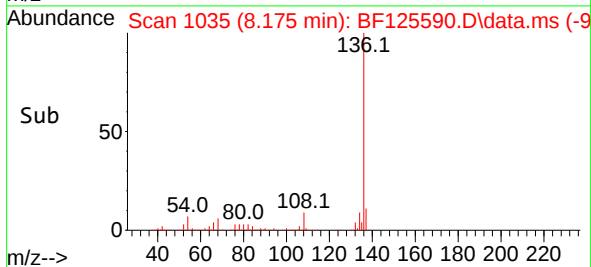
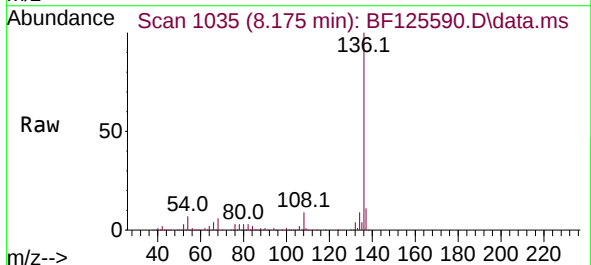
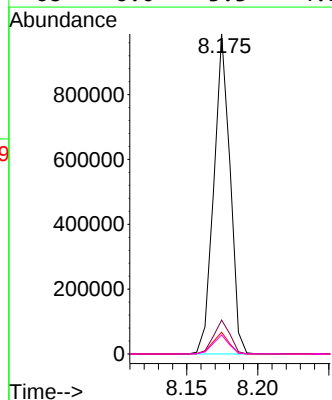


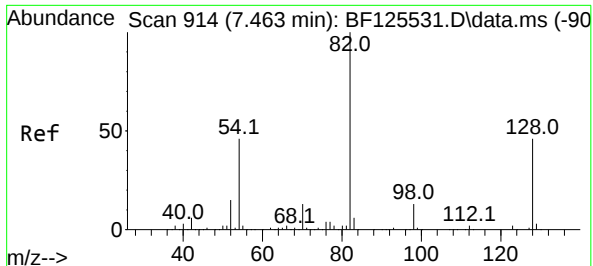
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 70      | 100   |       |        |
| 42      | 42.1  | 72.2  | 108.2# |
| 101     | 0.0   | 7.8   | 11.8#  |
| 130     | 2.4   | 21.8  | 32.6#  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.6  | 9.8   | 14.6  |
| 54      | 6.8   | 6.4   | 9.6   |
| 68      | 6.0   | 3.3   | 4.9#  |

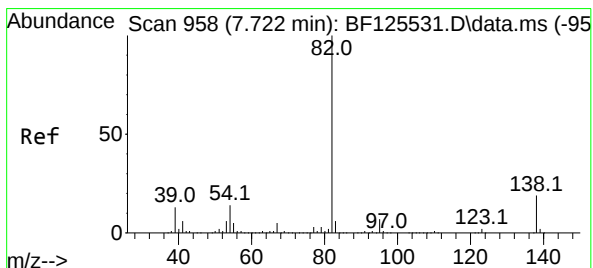
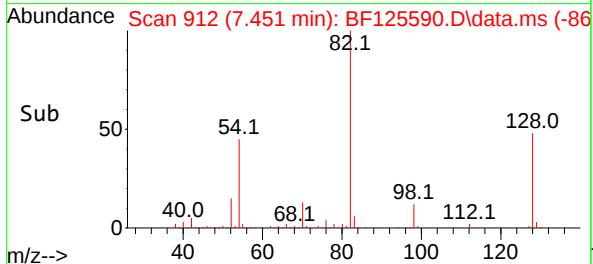
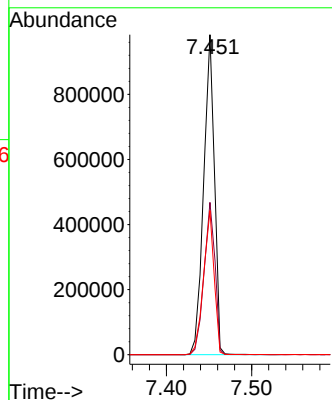
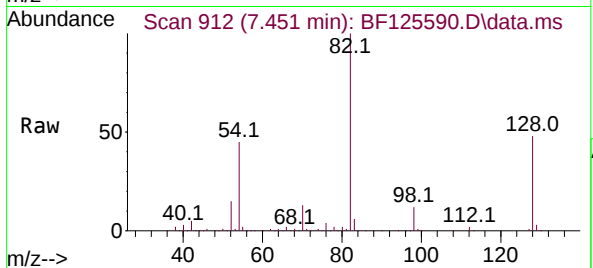




#23  
Nitrobenzene-d5  
Concen: 70.154 ng  
RT: 7.451 min Scan# 912  
Delta R.T. -0.012 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

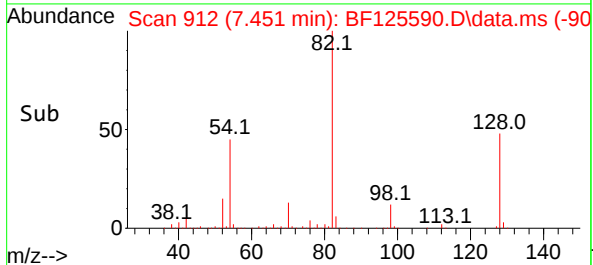
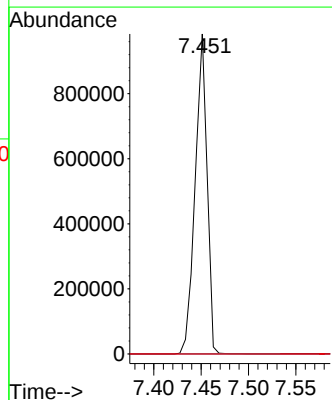
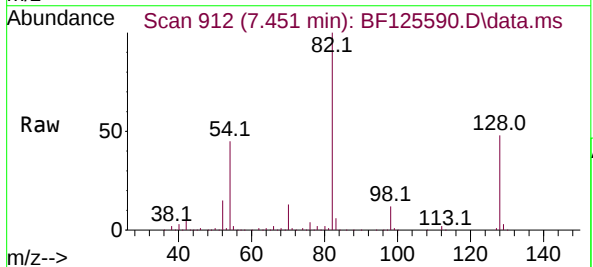
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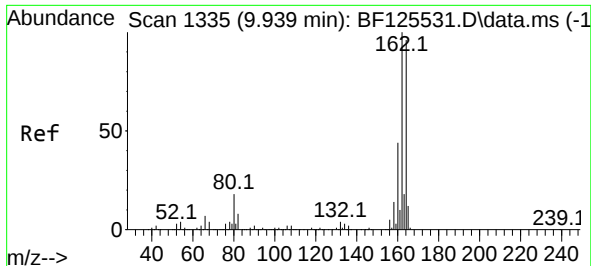
Tgt Ion: 82 Resp: 864752  
Ion Ratio Lower Upper  
82 100  
128 47.6 40.6 60.8  
54 45.0 49.6 74.4#



#25  
Isophorone  
Concen: 32.469 ng  
RT: 7.451 min Scan# 912  
Delta R.T. -0.271 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

Tgt Ion: 82 Resp: 861276  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF125590.D

Acq: 23 Sep 2021 14:03

Instrument :

BNA\_F

ClientSampleId :

SUB-SLAB-01-(15-17)

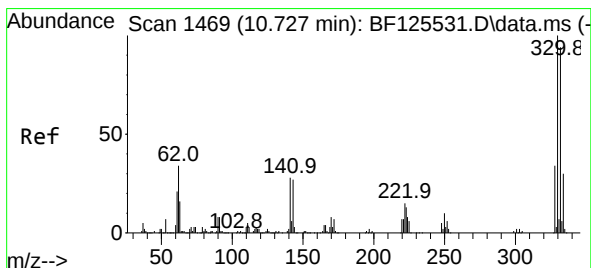
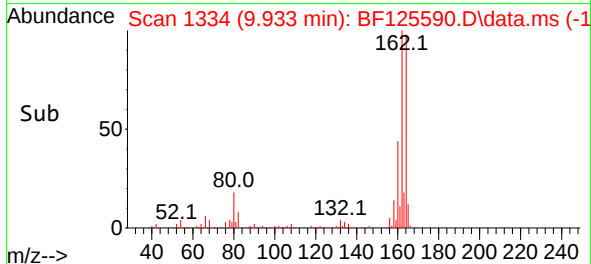
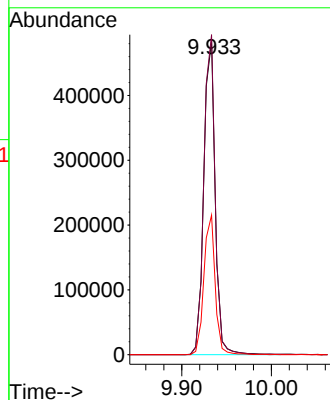
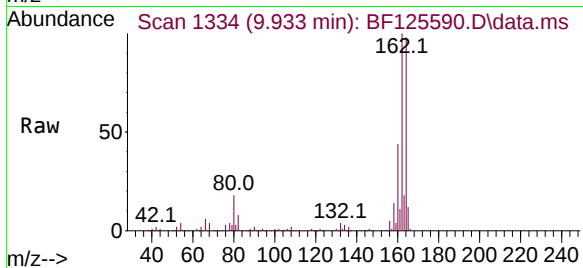
Tgt Ion:164 Resp: 427442

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

160 44.5 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 108.523 ng

RT: 10.721 min Scan# 1468

Delta R.T. -0.006 min

Lab File: BF125590.D

Acq: 23 Sep 2021 14:03

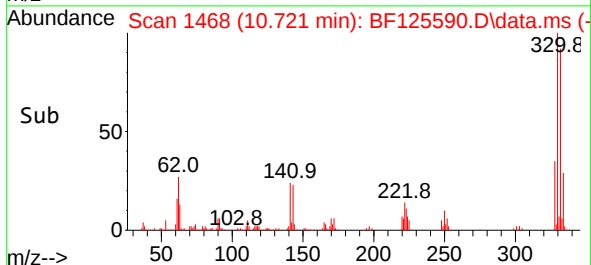
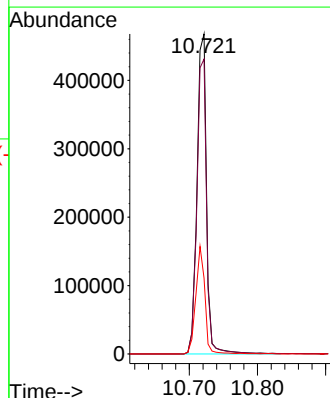
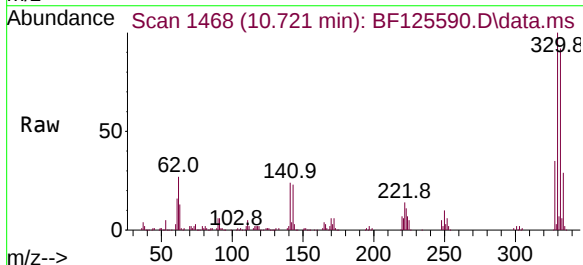
Tgt Ion:330 Resp: 454349

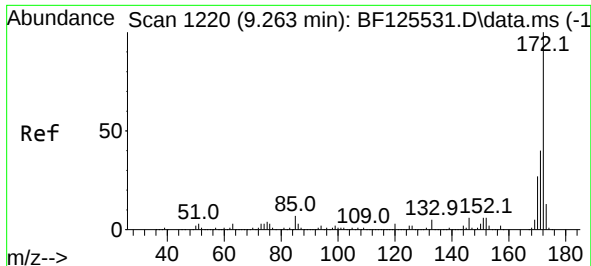
Ion Ratio Lower Upper

330 100

332 93.6 76.2 114.4

141 32.0 44.6 66.8#

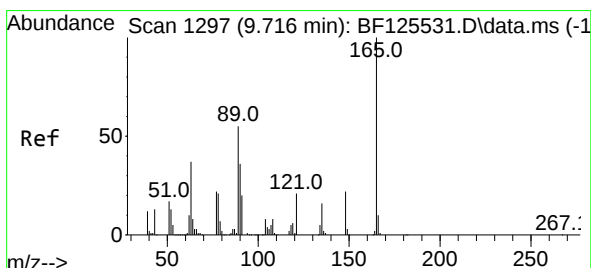
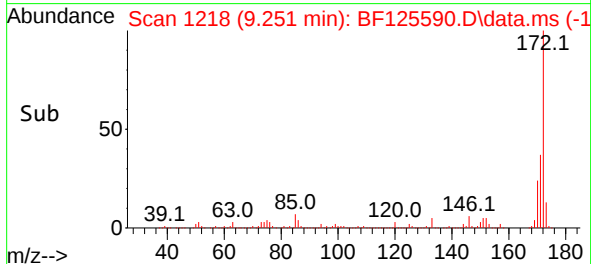
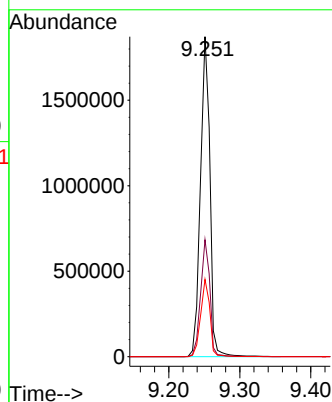
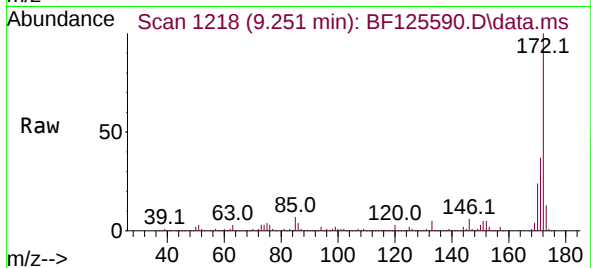




#45  
2-Fluorobiphenyl  
Concen: 71.839 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.012 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

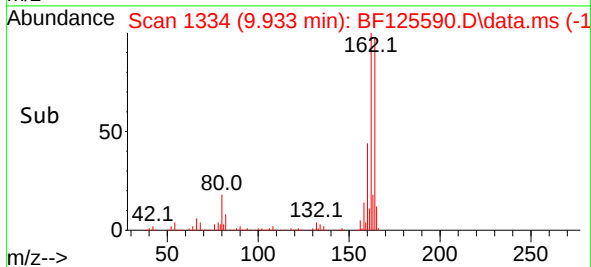
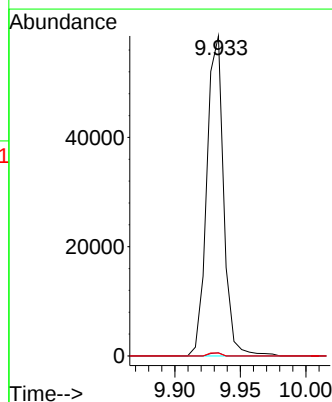
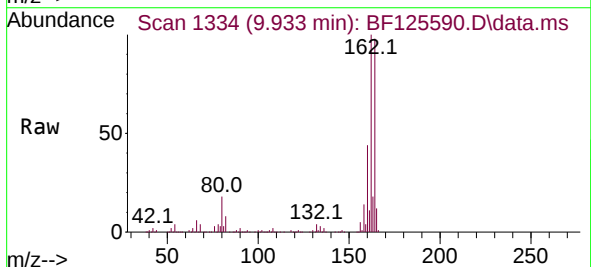
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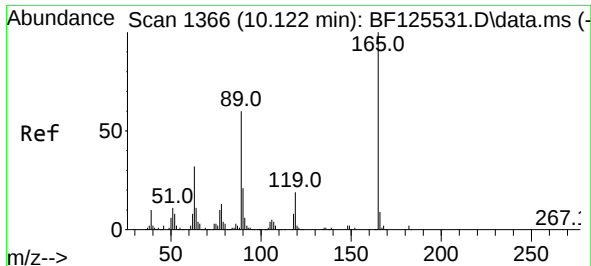
Tgt Ion:172 Resp: 1737477  
Ion Ratio Lower Upper  
172 100  
171 36.5 26.5 39.7  
170 24.2 18.8 28.2



#51  
2,6-Dinitrotoluene  
Concen: 8.976 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. 0.218 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

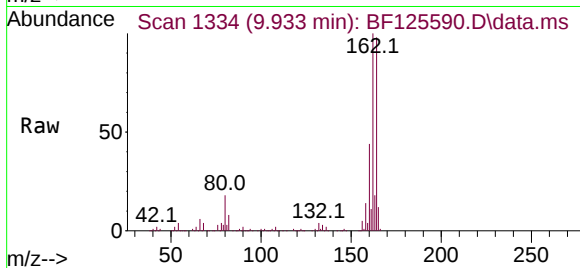
Tgt Ion:165 Resp: 52535  
Ion Ratio Lower Upper  
165 100  
63 1.0 42.6 63.8#  
89 0.9 40.6 60.8#



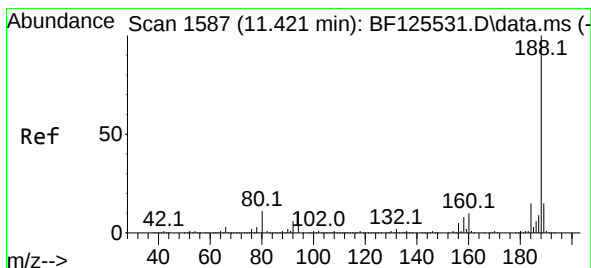
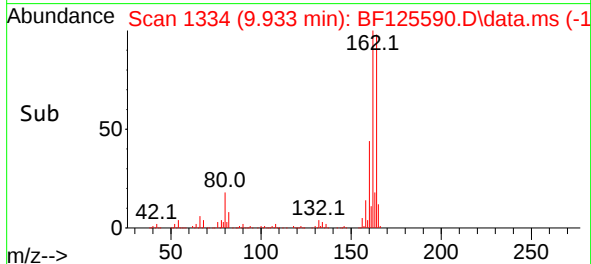
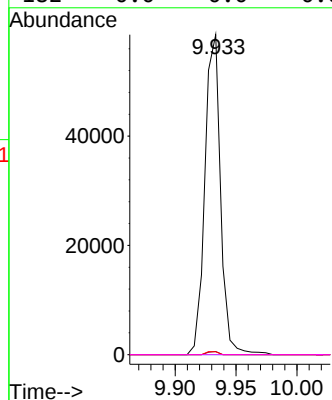


#57  
2,4-Dinitrotoluene  
Concen: 7.490 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.188 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SUB-SLAB-01-(15-17)

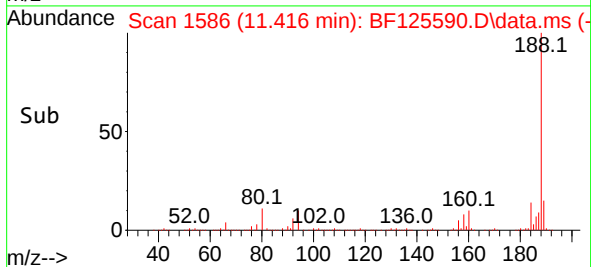
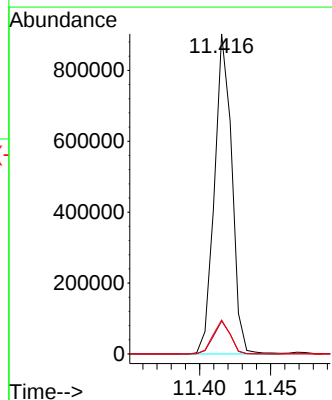
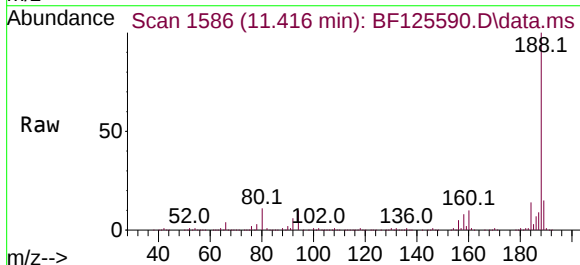


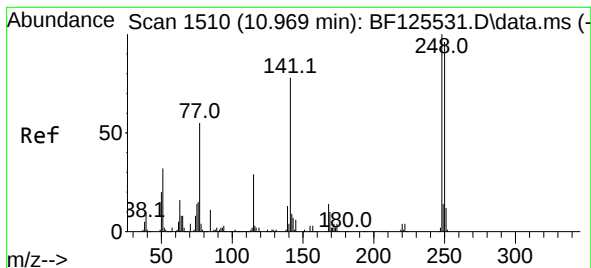
Tgt Ion:165 Resp: 52536  
Ion Ratio Lower Upper  
165 100  
63 1.0 40.9 61.3#  
89 0.9 59.7 89.5#  
182 0.0 0.0 0.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

Tgt Ion:188 Resp: 765013  
Ion Ratio Lower Upper  
188 100  
94 10.3 6.7 10.1#  
80 10.6 7.5 11.3

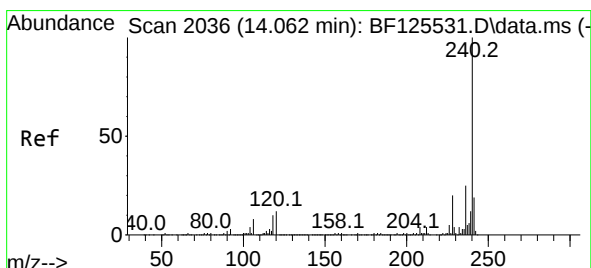
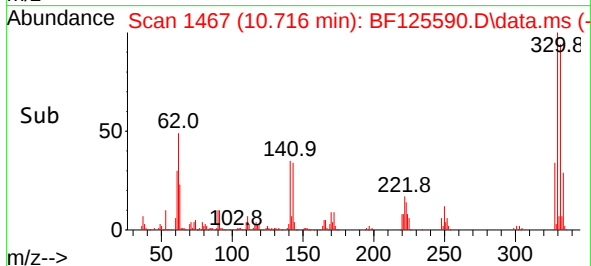
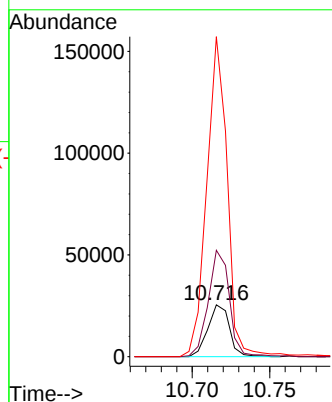
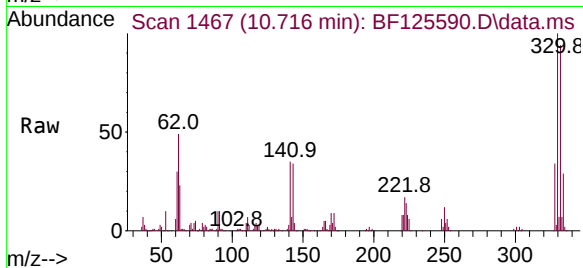




#67  
4-Bromophenyl-phenylether  
Concen: 2.823 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. -0.253 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

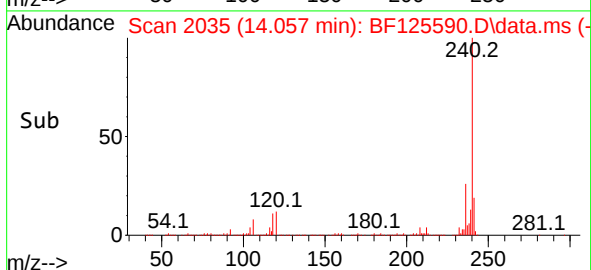
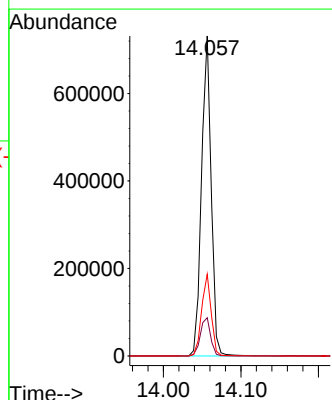
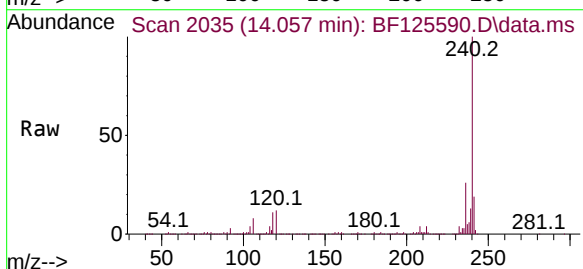
Instrument :  
BNA\_F  
ClientSampleId :  
SUB-SLAB-01-(15-17)

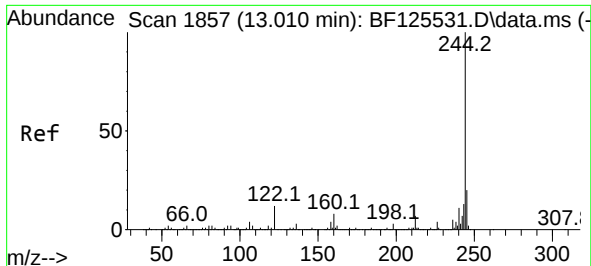
Tgt Ion:248 Resp: 24684  
Ion Ratio Lower Upper  
248 100  
250 205.2 74.2 111.4#  
141 616.6 60.4 90.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.006 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

Tgt Ion:240 Resp: 632251  
Ion Ratio Lower Upper  
240 100  
120 12.0 10.8 16.2  
236 25.5 21.6 32.4

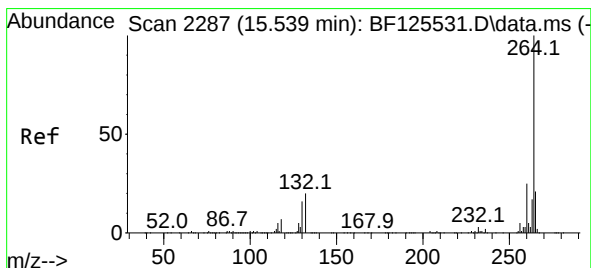
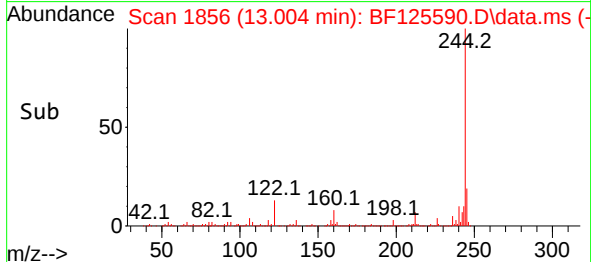
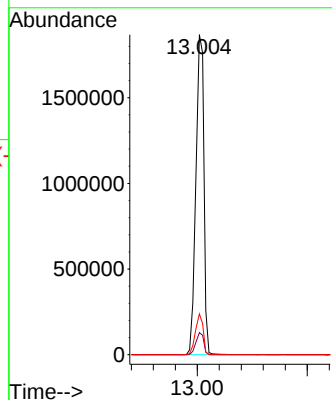
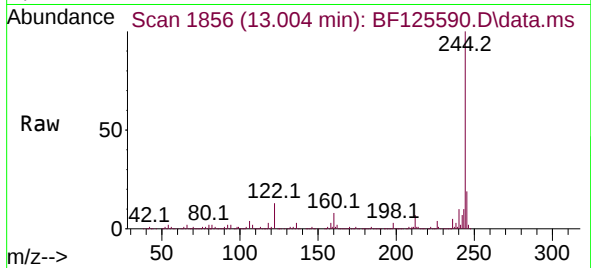




#79  
Terphenyl-d14  
Concen: 48.006 ng  
RT: 13.004 min Scan# 1856  
Delta R.T. -0.006 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

Instrument :  
BNA\_F  
ClientSampleId :  
SUB-SLAB-01-(15-17)

Tgt Ion:244 Resp: 1879567  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.9 8.9  
122 12.7 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2287  
Delta R.T. -0.000 min  
Lab File: BF125590.D  
Acq: 23 Sep 2021 14:03

Tgt Ion:264 Resp: 499425  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.6 29.4  
265 19.8 17.2 25.8

