

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082621\  
 Data File : BF125235.D  
 Acq On : 26 Aug 2021 20:43  
 Operator : JU/CG  
 Sample : M3546-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TRP-7-COMP

Quant Time: Aug 27 05:02:58 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 12:39:21 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.910  | 152  | 202455   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.192  | 136  | 777358   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.951  | 164  | 415105   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.433 | 188  | 724985   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.074 | 240  | 448137   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.568 | 264  | 475840   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.534  | 112  | 1087350  | 81.293 | ng    | 0.00     |
| 7) Phenol-d6                | 6.534  | 99   | 1380413  | 79.797 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.475  | 82   | 878088   | 56.868 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.739 | 330  | 403136   | 97.290 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.269  | 172  | 1597536  | 53.638 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.021 | 244  | 1603268  | 56.995 | ng    | 0.00     |

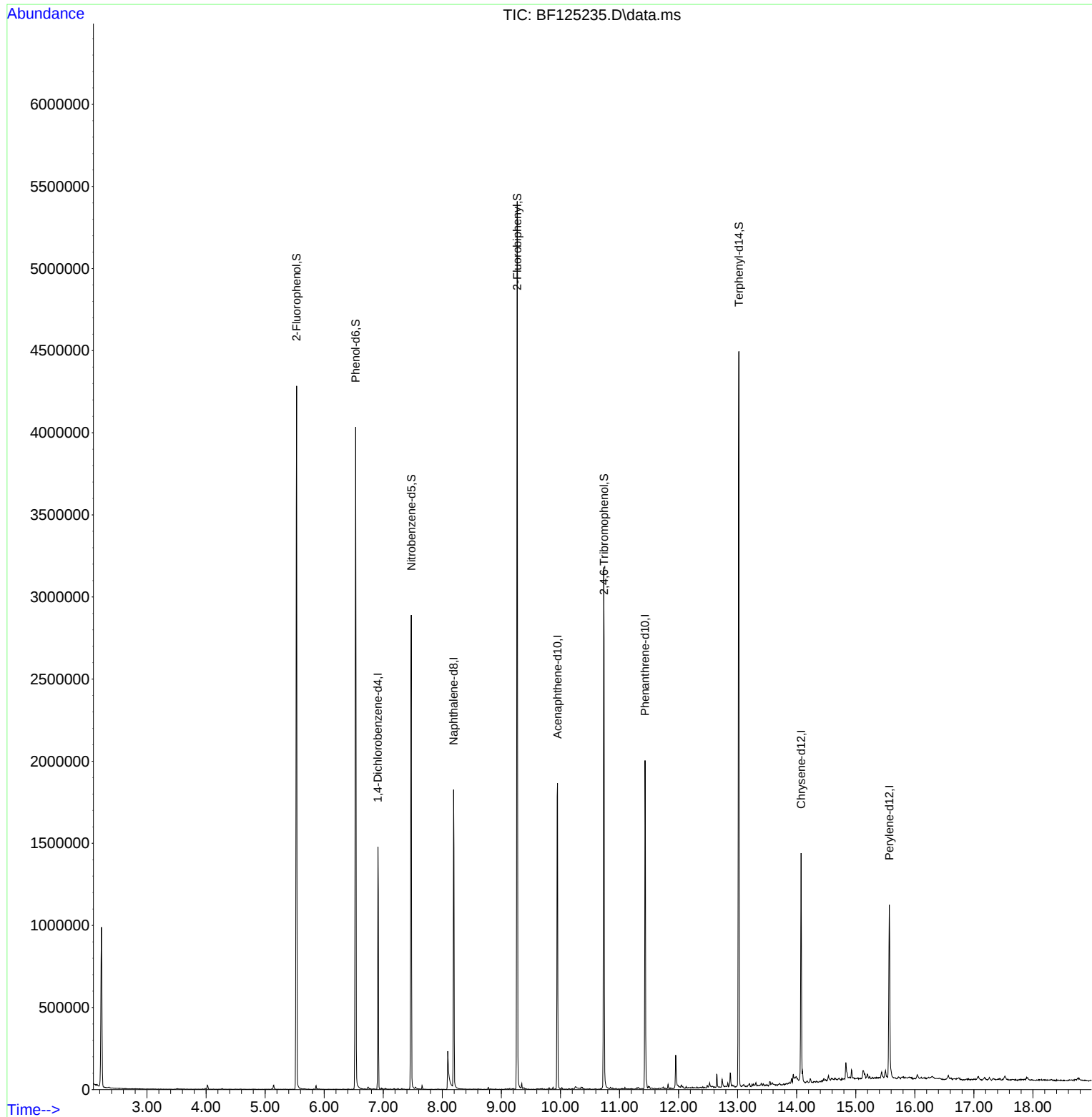
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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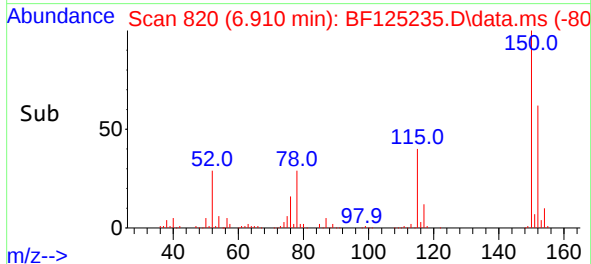
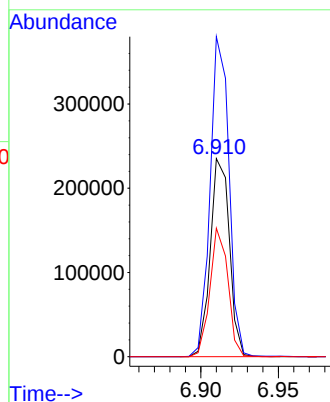
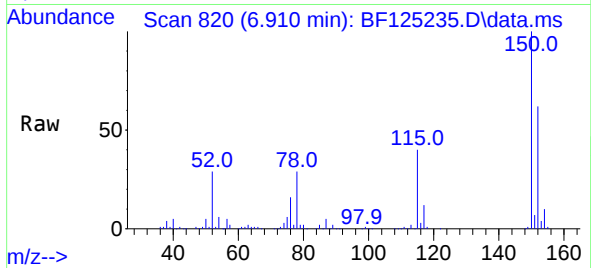




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.910 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

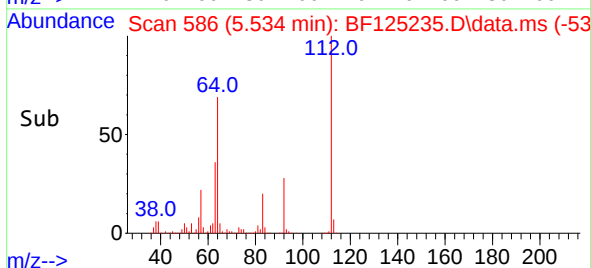
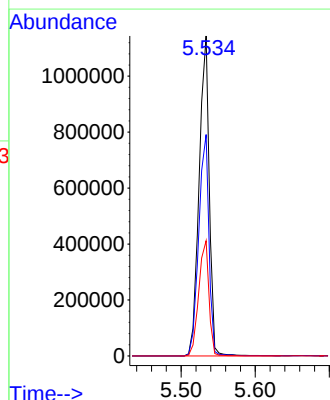
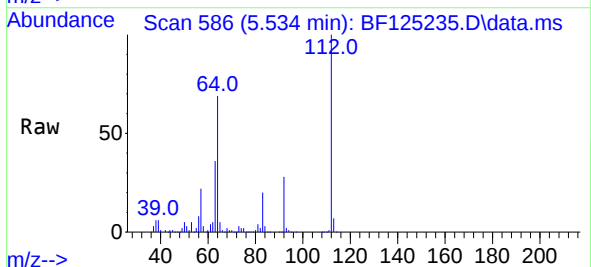
Instrument :  
BNA\_F  
ClientSampleId :  
TRP-7-COMP

Tgt Ion:152 Resp: 202455  
Ion Ratio Lower Upper  
152 100  
150 161.5 117.6 176.4  
115 64.9 47.1 70.7



#5  
2-Fluorophenol  
Concen: 81.293 ng  
RT: 5.534 min Scan# 586  
Delta R.T. 0.006 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

Tgt Ion:112 Resp: 1087350  
Ion Ratio Lower Upper  
112 100  
64 69.2 44.2 66.2#  
63 36.0 26.2 39.2



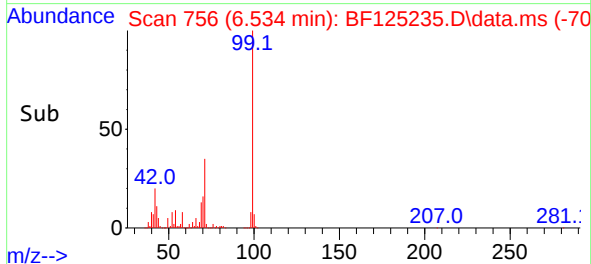
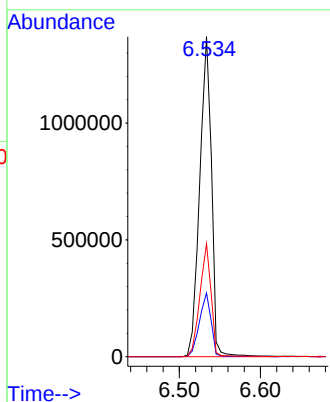
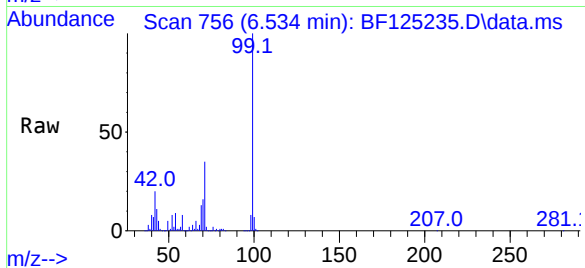


#7  
Phenol-d6  
Concen: 79.797 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
TRP-7-COMP

Tgt Ion: 99 Resp: 1380413

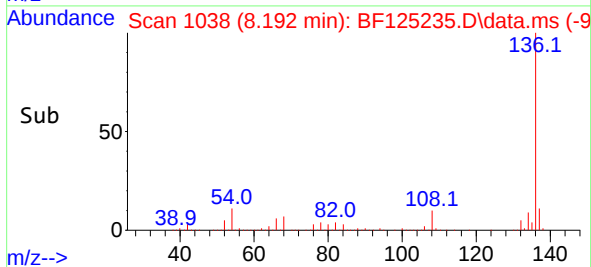
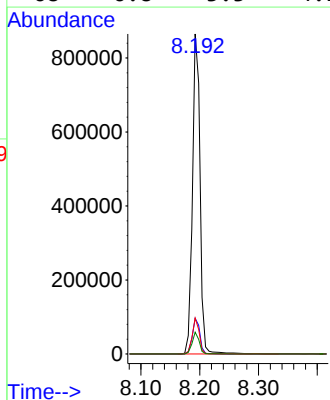
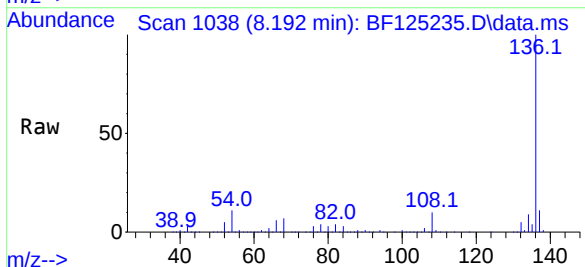
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.9  | 23.5  | 35.3# |
| 71  | 35.3  | 25.6  | 38.4  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

Tgt Ion: 136 Resp: 777358

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 9.8   | 14.6  |
| 54  | 11.2  | 6.4   | 9.6#  |
| 68  | 6.8   | 3.3   | 4.9#  |

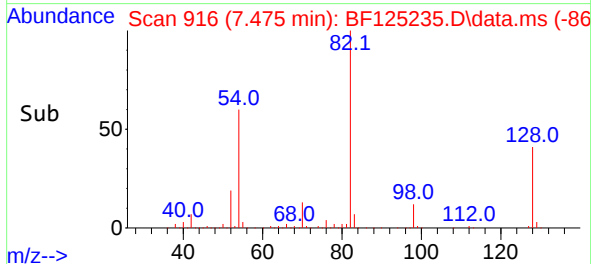
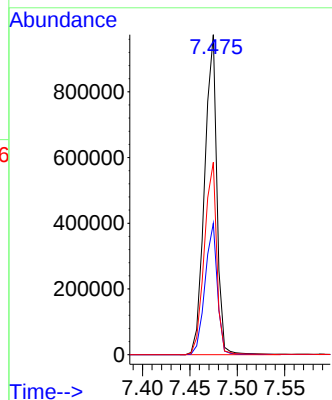
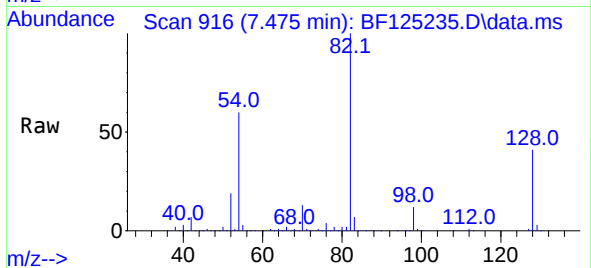




#23  
Nitrobenzene-d5  
Concen: 56.868 ng  
RT: 7.475 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

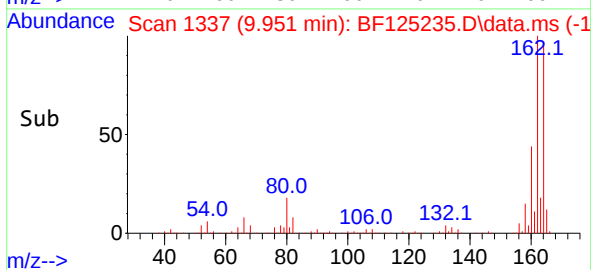
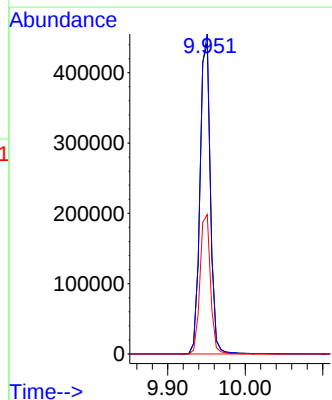
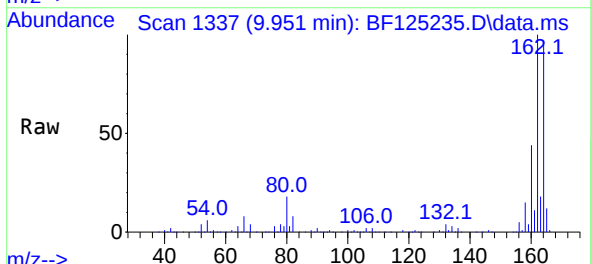
Instrument :  
BNA\_F  
ClientSampleId :  
TRP-7-COMP

Tgt Ion: 82 Resp: 878088  
Ion Ratio Lower Upper  
82 100  
128 41.0 40.6 60.8  
54 60.1 49.6 74.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.000 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

Tgt Ion: 164 Resp: 415105  
Ion Ratio Lower Upper  
164 100  
162 103.0 81.3 121.9  
160 44.8 38.0 57.0

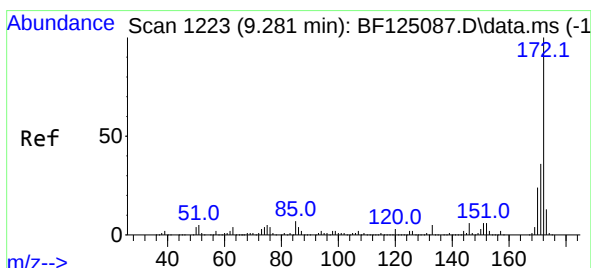
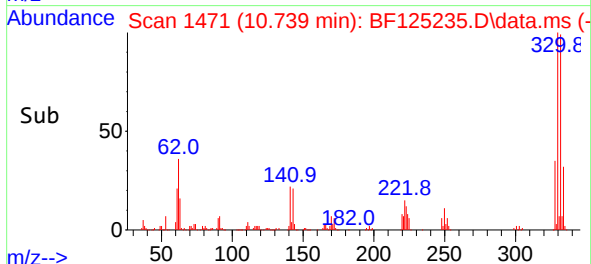
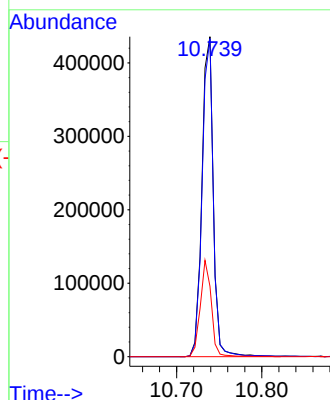
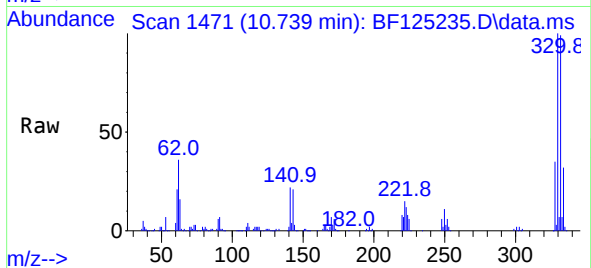




#42  
2,4,6-Tribromophenol  
Concen: 97.290 ng  
RT: 10.739 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

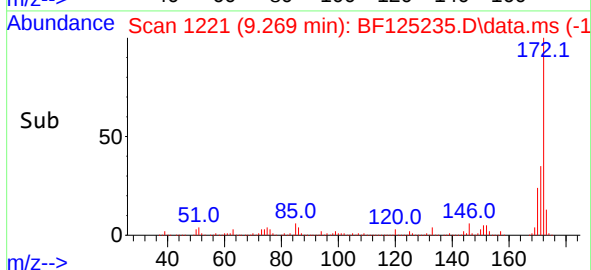
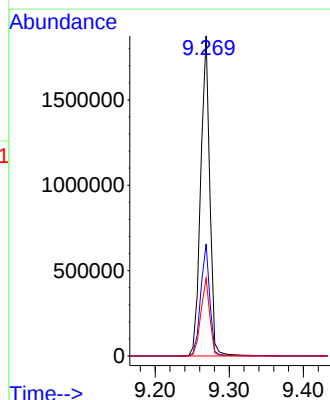
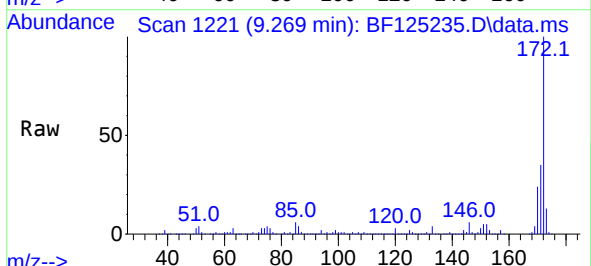
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ClientSampleId :  
TRP-7-COMP

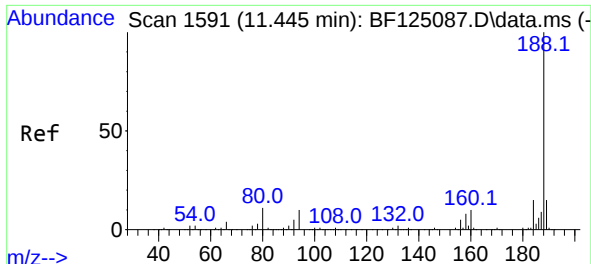
Tgt Ion:330 Resp: 403136  
Ion Ratio Lower Upper  
330 100  
332 97.9 76.2 114.4  
141 29.3 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 53.638 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

Tgt Ion:172 Resp: 1597536  
Ion Ratio Lower Upper  
172 100  
171 35.0 26.5 39.7  
170 24.3 18.8 28.2

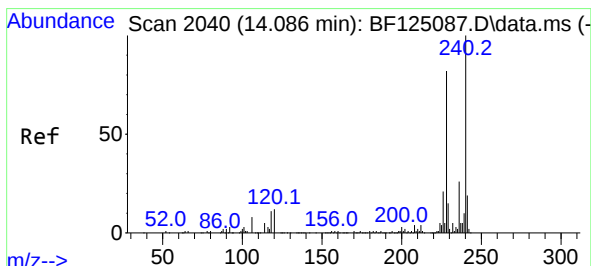
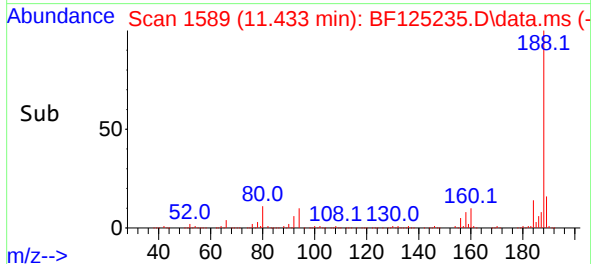
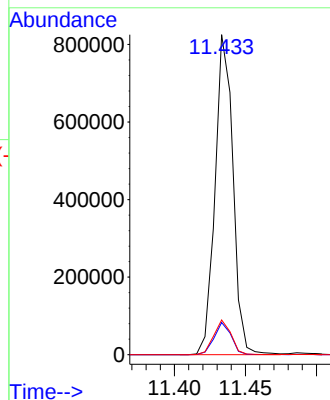
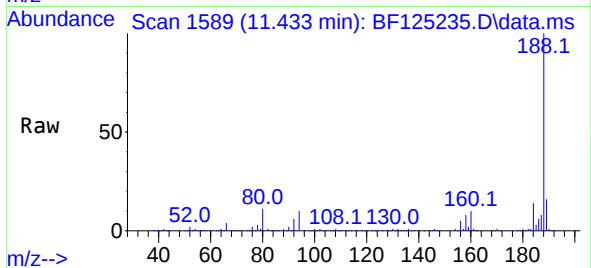




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

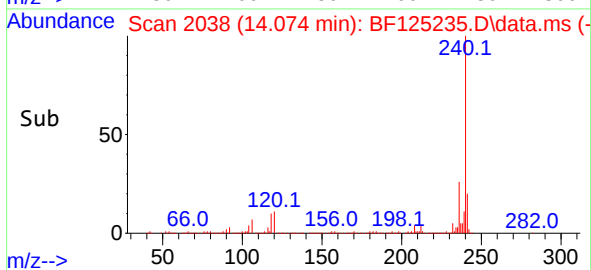
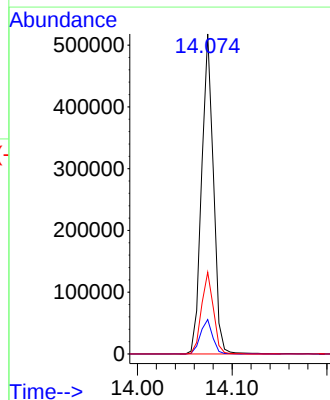
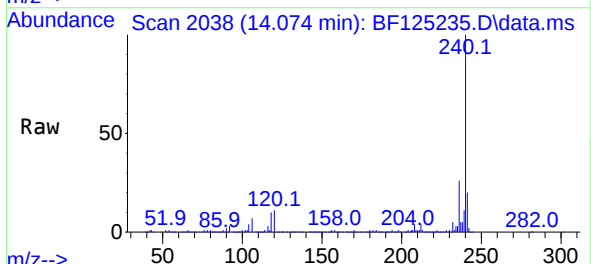
Instrument :  
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TRP-7-COMP

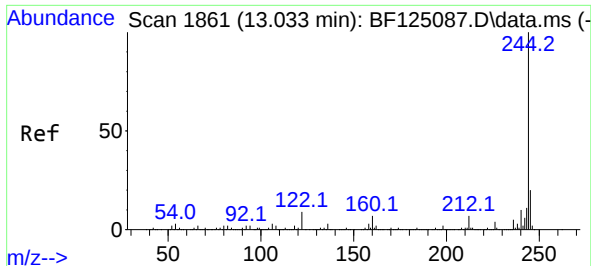
Tgt Ion:188 Resp: 724985  
Ion Ratio Lower Upper  
188 100  
94 10.0 6.7 10.1  
80 10.9 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. -0.006 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

Tgt Ion:240 Resp: 448137  
Ion Ratio Lower Upper  
240 100  
120 10.8 10.8 16.2#  
236 25.6 21.6 32.4

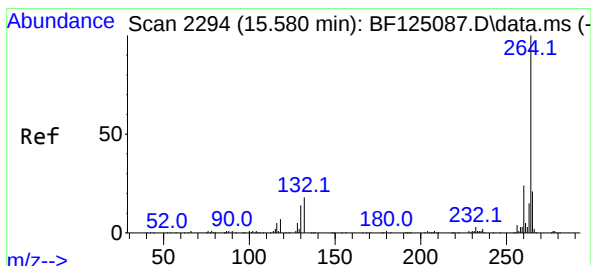
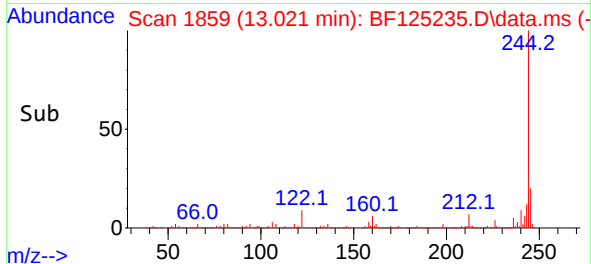
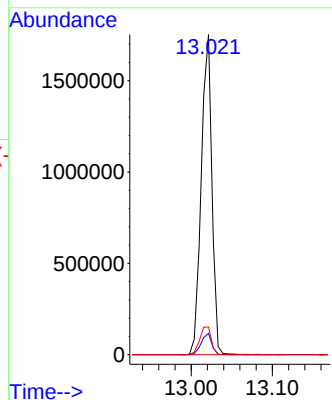
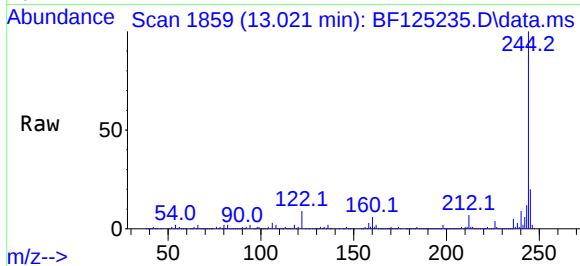




#79  
Terphenyl-d14  
Concen: 56.995 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. -0.000 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

Instrument :  
BNA\_F  
ClientSampleId :  
TRP-7-COMP

Tgt Ion:244 Resp: 1603268  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.9 8.9  
122 8.7 9.0 13.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.568 min Scan# 2292  
Delta R.T. -0.006 min  
Lab File: BF125235.D  
Acq: 26 Aug 2021 20:43

Tgt Ion:264 Resp: 475840  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.6 29.4  
265 21.1 17.2 25.8

