

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090721\  
 Data File : BF125388.D  
 Acq On : 7 Sep 2021 15:19  
 Operator : JU/CG  
 Sample : M3658-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CHRT-24029

Quant Time: Sep 07 16:24:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 11:56:34 2021  
 Response via : Initial Calibration

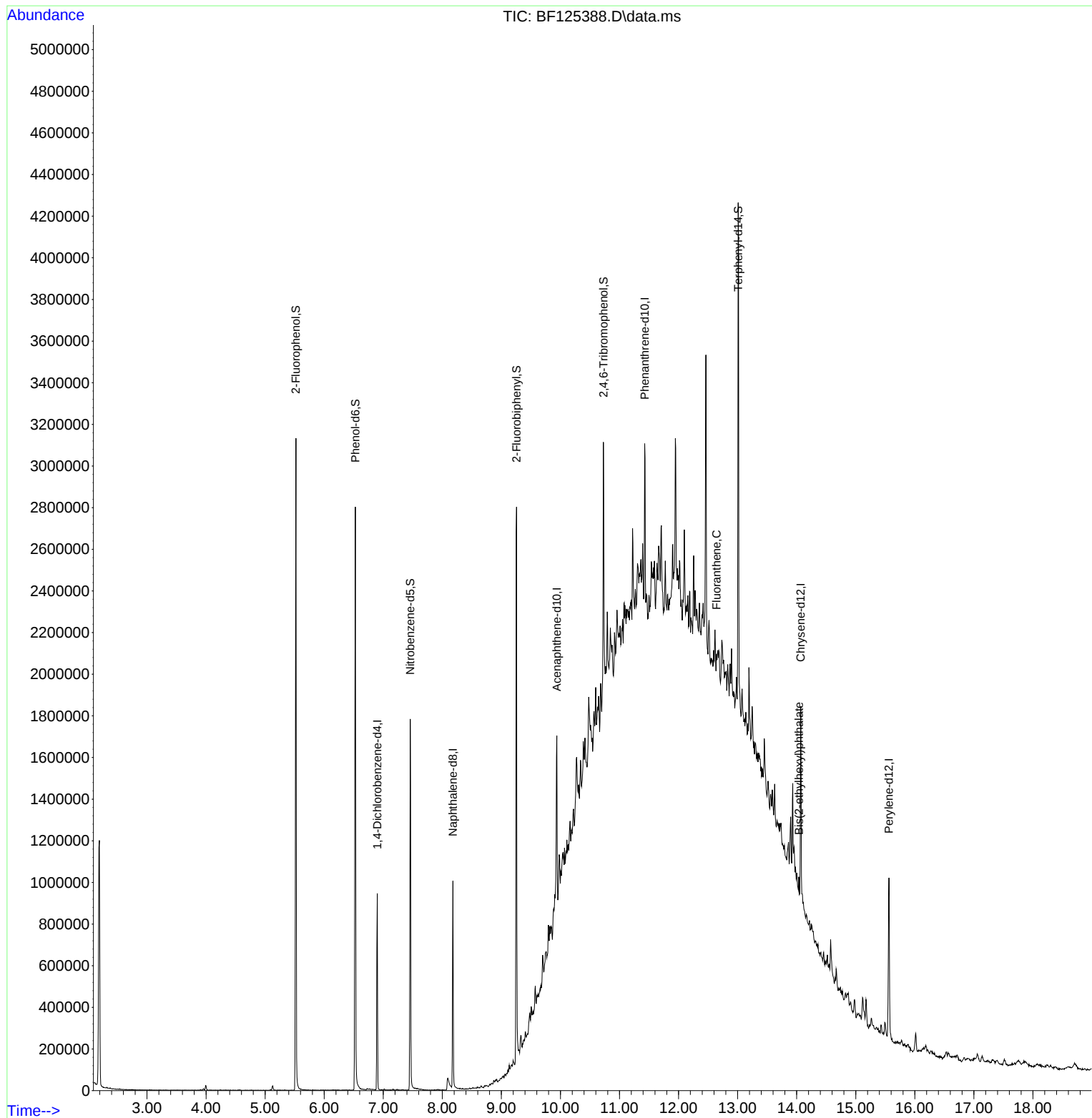
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 126933   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 432815   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.939  | 164  | 181952   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 278352   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.068 | 240  | 314794   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.562 | 264  | 362677   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 758751   | 90.476  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.528  | 99   | 918351   | 84.672  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 576383   | 67.044  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 197880   | 108.948 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 921787   | 70.608  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 956649   | 48.414  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 75) Fluoranthene              | 12.645 | 202  | 39545    | 2.598   | ng    | 82       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 31144    | 2.136   | ng    | # 97     |
| -----                         |        |      |          |         |       |          |

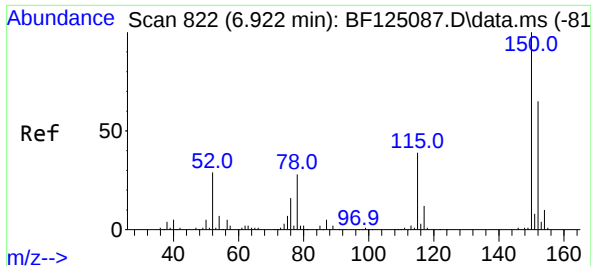
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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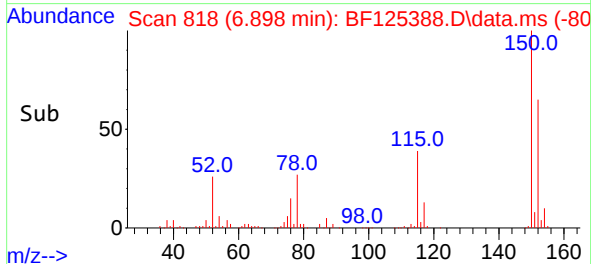
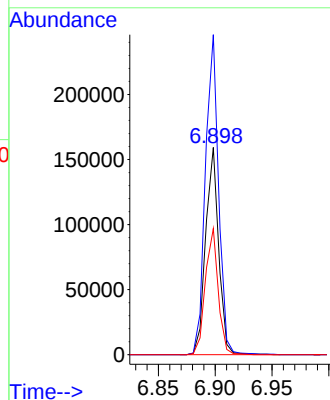
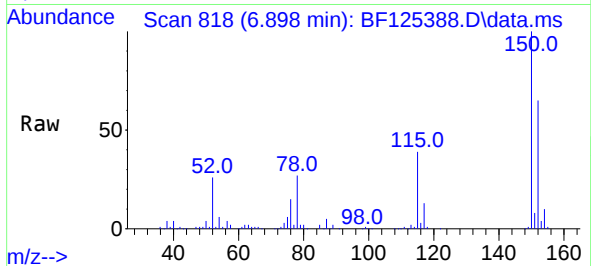




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

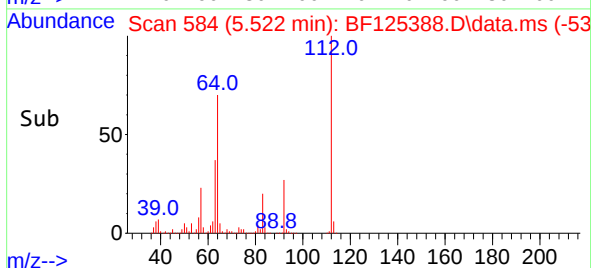
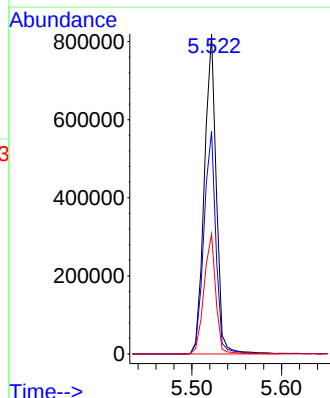
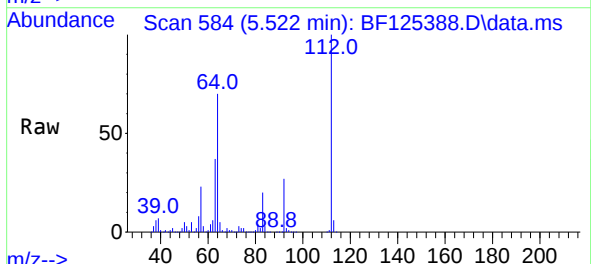
Instrument :  
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ClientSampleId :  
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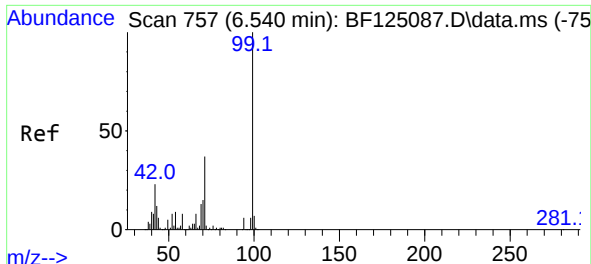
Tgt Ion:152 Resp: 126933  
Ion Ratio Lower Upper  
152 100  
150 154.5 117.6 176.4  
115 60.8 47.1 70.7



#5  
2-Fluorophenol  
Concen: 90.476 ng  
RT: 5.522 min Scan# 584  
Delta R.T. 0.000 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

Tgt Ion:112 Resp: 758751  
Ion Ratio Lower Upper  
112 100  
64 69.6 44.2 66.2#  
63 37.5 26.2 39.2

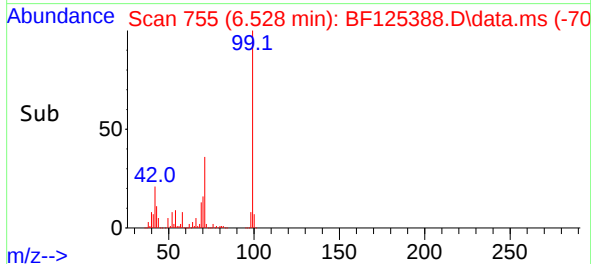
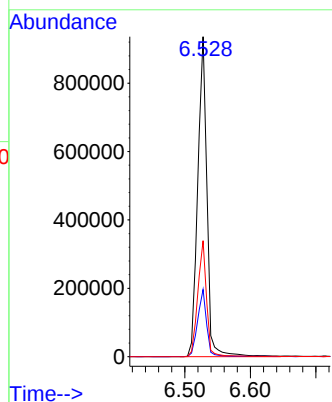
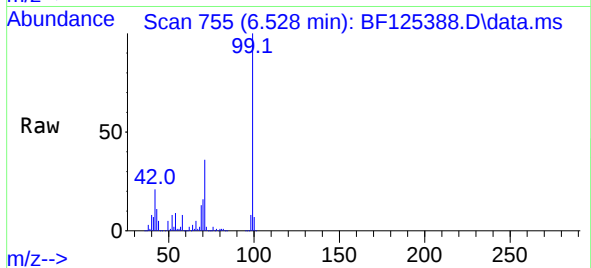




#7  
Phenol-d6  
Concen: 84.672 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

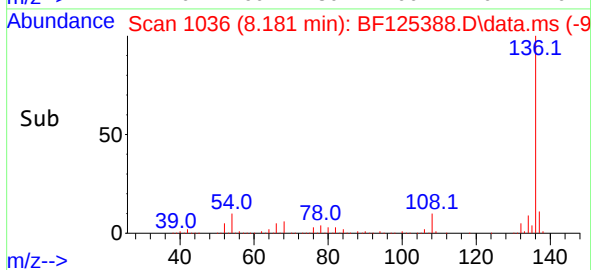
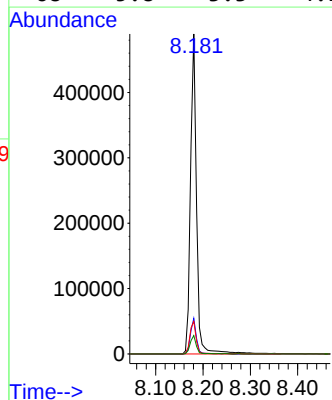
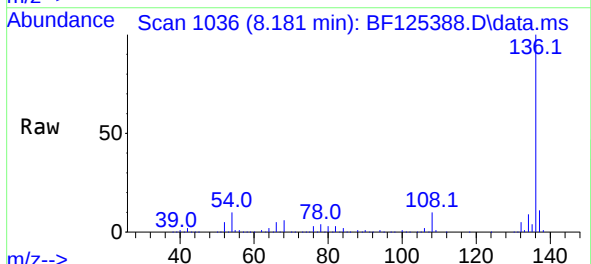
Instrument :  
BNA\_F  
ClientSampleId :  
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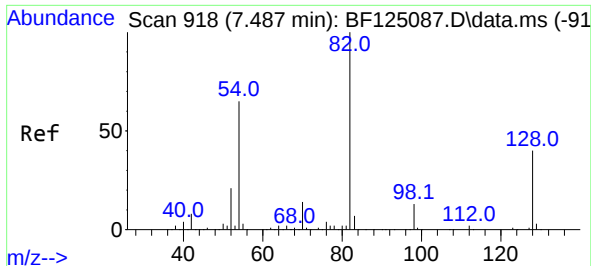
Tgt Ion: 99 Resp: 918351  
Ion Ratio Lower Upper  
99 100  
42 21.0 23.5 35.3#  
71 36.3 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

Tgt Ion: 136 Resp: 432815  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.8 14.6  
54 10.2 6.4 9.6#  
68 5.8 3.3 4.9#

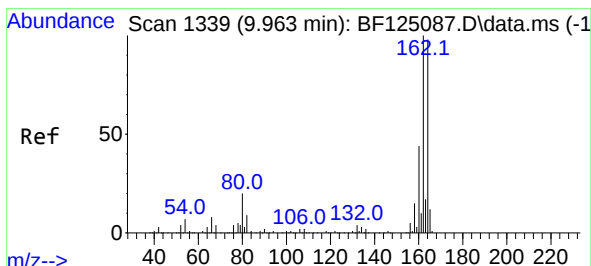
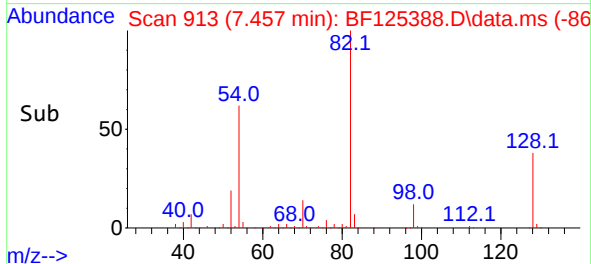
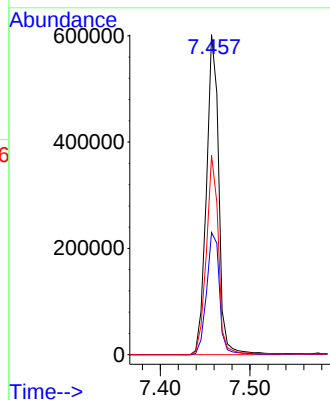
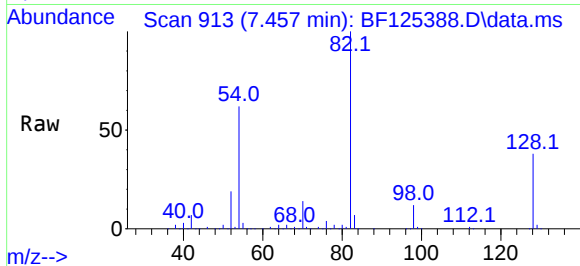




#23  
Nitrobenzene-d5  
Concen: 67.044 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.012 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

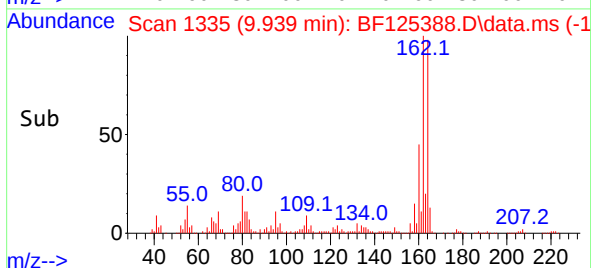
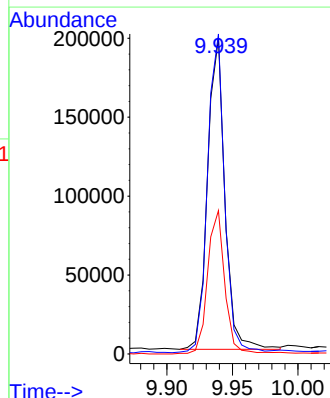
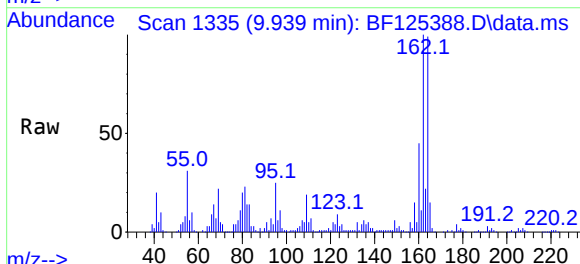
Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-24029

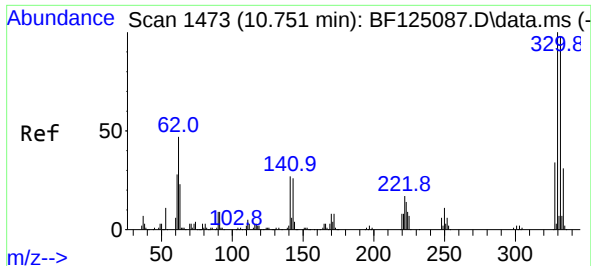
Tgt Ion: 82 Resp: 576383  
Ion Ratio Lower Upper  
82 100  
128 38.2 40.6 60.8#  
54 62.3 49.6 74.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. 0.000 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

Tgt Ion:164 Resp: 181952  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.3 121.9  
160 45.4 38.0 57.0

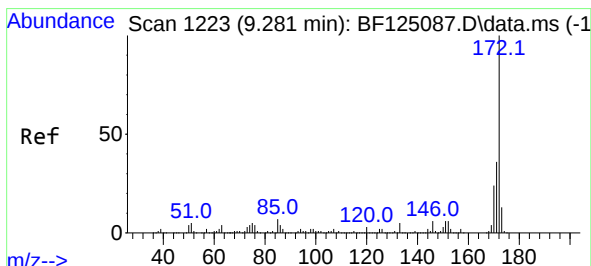
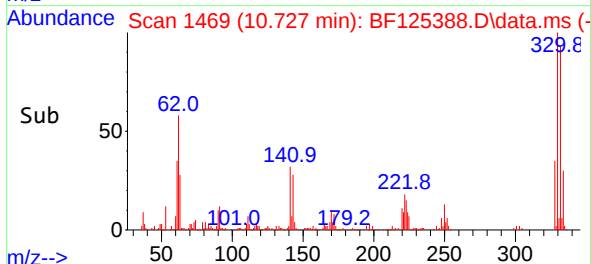
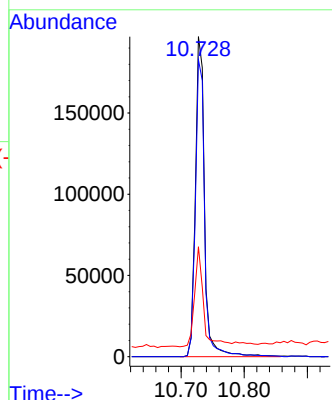
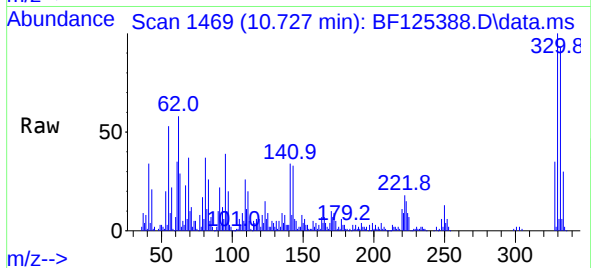




#42  
2,4,6-Tribromophenol  
Concen: 108.948 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

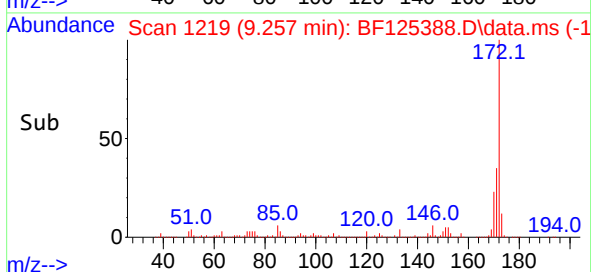
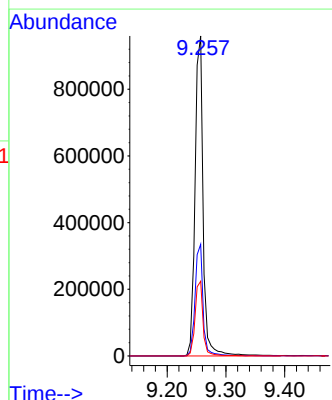
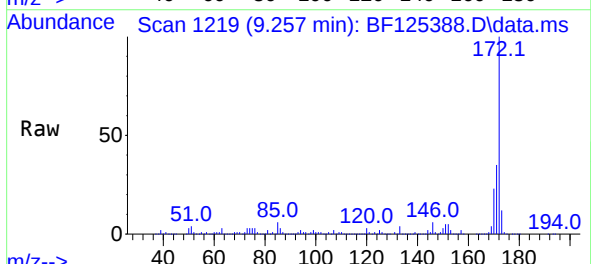
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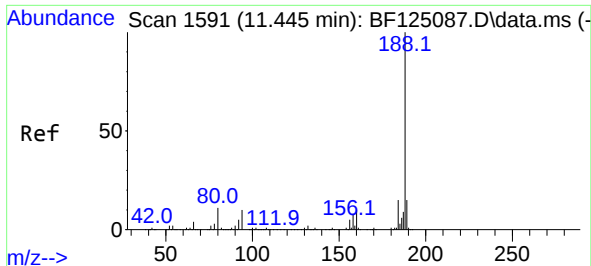
Tgt Ion:330 Resp: 197880  
Ion Ratio Lower Upper  
330 100  
332 93.8 76.2 114.4  
141 30.3 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 70.608 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

Tgt Ion:172 Resp: 921787  
Ion Ratio Lower Upper  
172 100  
171 34.9 26.5 39.7  
170 23.4 18.8 28.2

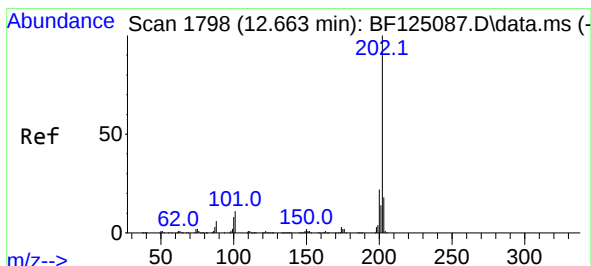
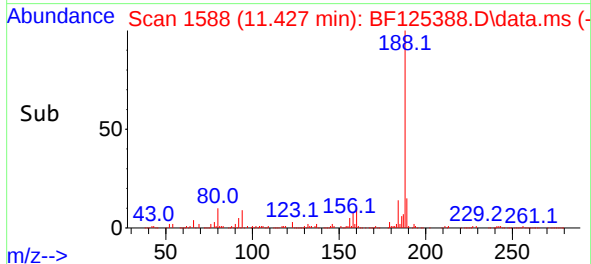
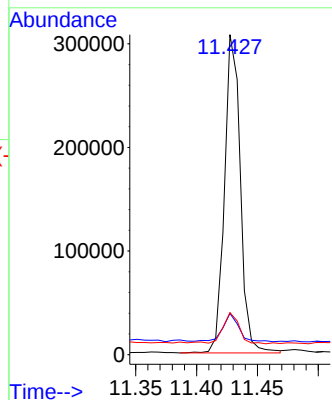
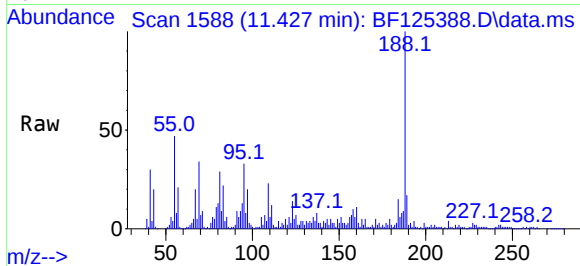




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

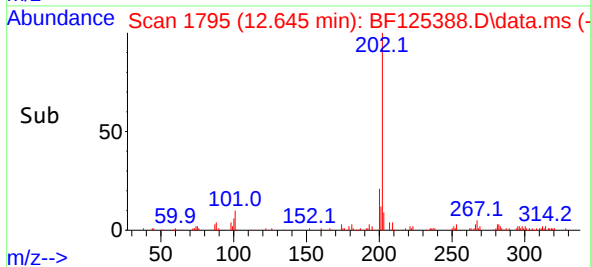
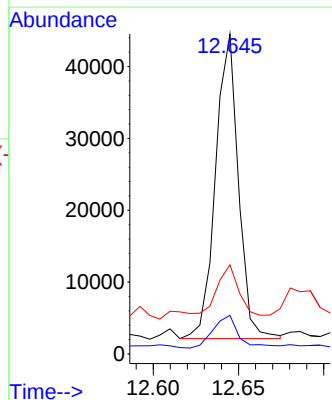
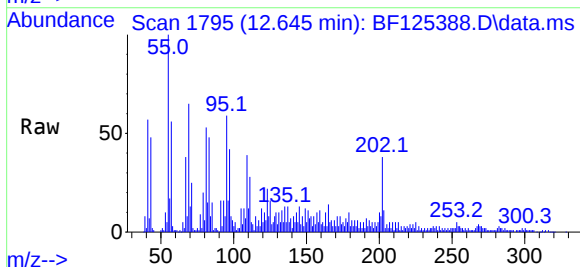
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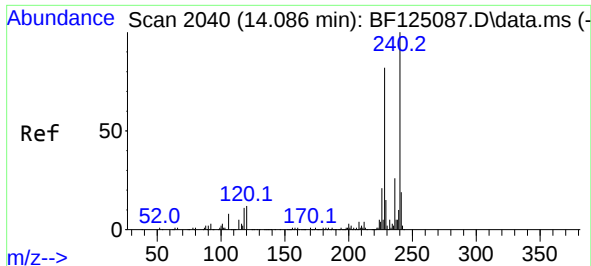
Tgt Ion:188 Resp: 278352  
Ion Ratio Lower Upper  
188 100  
94 12.9 6.7 10.1#  
80 13.2 7.5 11.3#



#75  
Fluoranthene  
Concen: 2.598 ng  
RT: 12.645 min Scan# 1795  
Delta R.T. 0.006 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

Tgt Ion:202 Resp: 39545  
Ion Ratio Lower Upper  
202 100  
101 12.1 0.0 30.7  
203 27.9 0.0 36.3

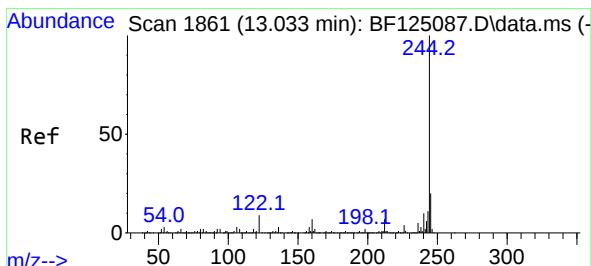
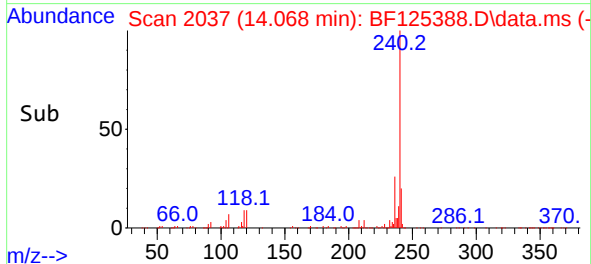
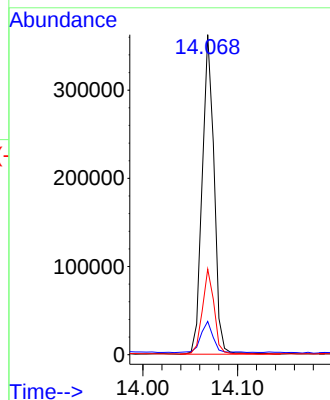
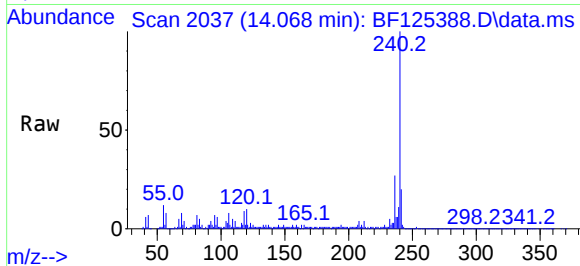




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. 0.000 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

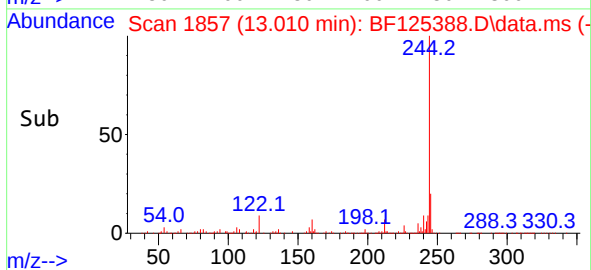
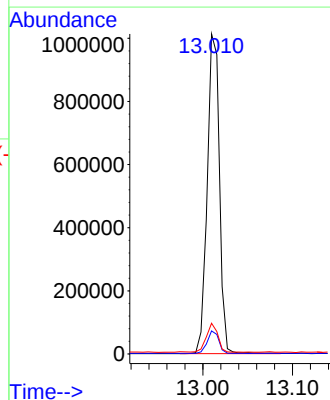
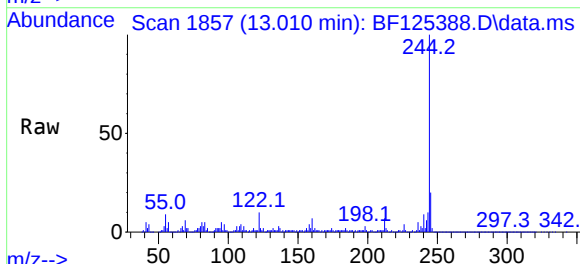
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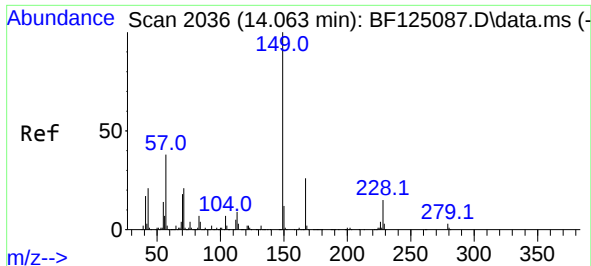
Tgt Ion:240 Resp: 314794  
Ion Ratio Lower Upper  
240 100  
120 10.4 10.8 16.2#  
236 26.8 21.6 32.4



#79  
Terphenyl-d14  
Concen: 48.414 ng  
RT: 13.010 min Scan# 1857  
Delta R.T. 0.000 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

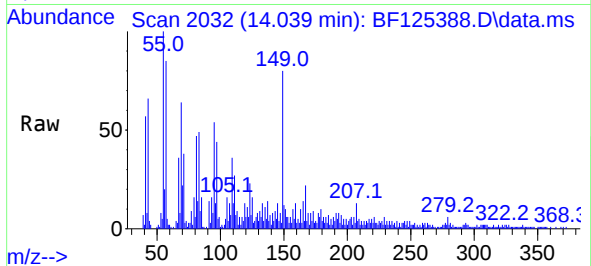
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Ion Ratio Lower Upper  
244 100  
212 7.2 5.9 8.9  
122 9.6 9.0 13.4



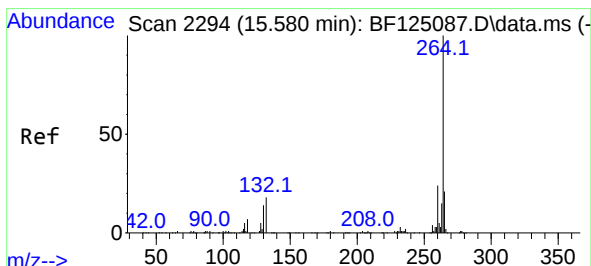
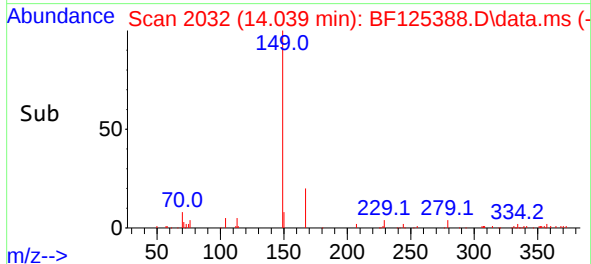
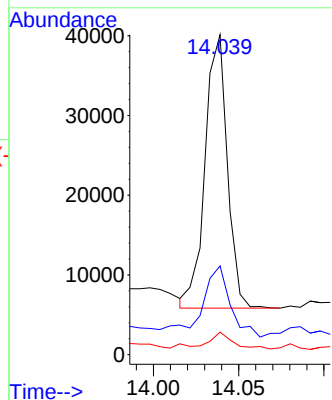


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.136 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

Instrument :  
BNA\_F  
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Tgt Ion:149 Resp: 31144  
Ion Ratio Lower Upper  
149 100  
167 27.8 21.4 32.0  
279 7.1 2.6 4.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.562 min Scan# 2291  
Delta R.T. 0.006 min  
Lab File: BF125388.D  
Acq: 7 Sep 2021 15:19

Tgt Ion:264 Resp: 362677  
Ion Ratio Lower Upper  
264 100  
260 23.2 19.6 29.4  
265 20.8 17.2 25.8

