

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090321\  
 Data File : BF125356.D  
 Acq On : 3 Sep 2021 20:22  
 Operator : JU/CG  
 Sample : M3646-14  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 06-07-24

Quant Time: Sep 04 00:57:02 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

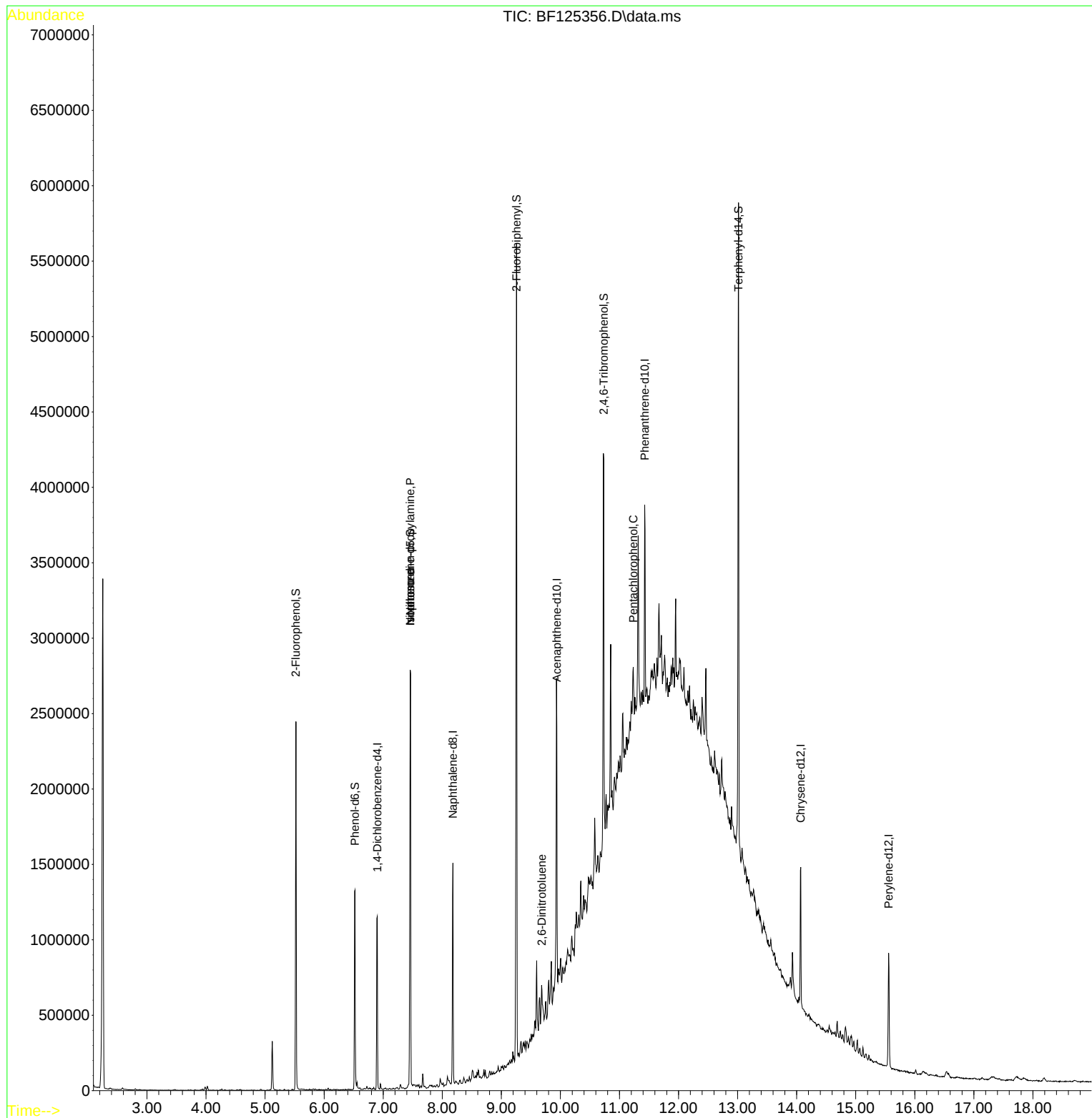
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 174010   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 669509   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.939  | 164  | 319837   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.428 | 188  | 498942   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.069 | 240  | 350986   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.557 | 264  | 336603   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 574349   | 49.959  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 454293   | 30.554  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 1052934  | 79.176  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 442726   | 138.669 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1808175  | 78.794  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.016 | 244  | 1658447  | 75.275  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.457  | 70   | 143597   | 16.057  | ng    | # 56     |
| 25) Isophorone                | 7.457  | 82   | 1050030  | 40.929  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 19094    | 3.973   | ng    | # 32     |
| 70) Pentachlorophenol         | 11.233 | 266  | 33822    | 9.398   | ng    | 92       |
| -----                         |        |      |          |         |       |          |

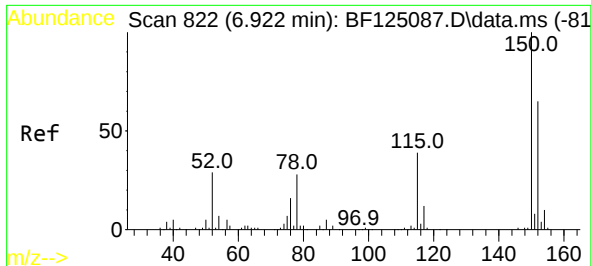
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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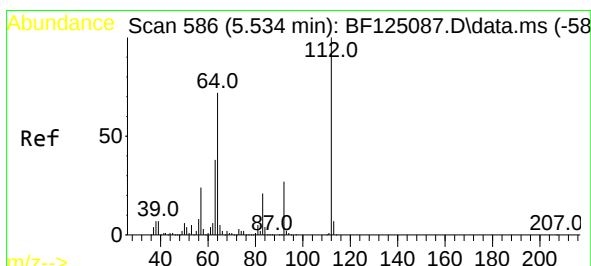
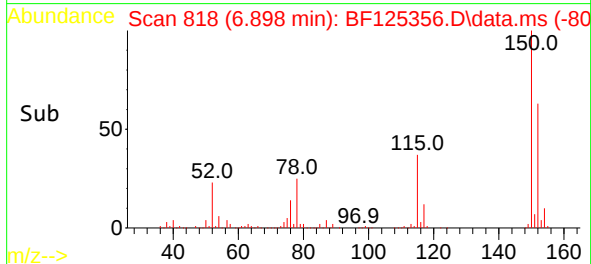
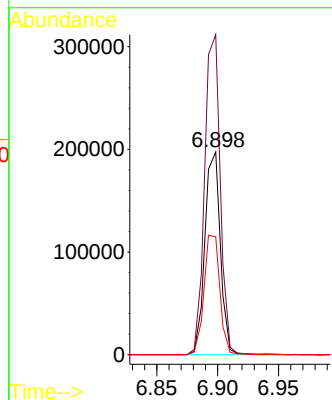
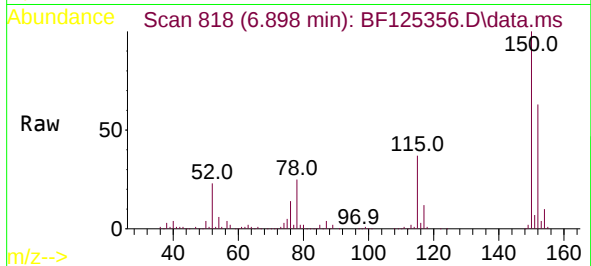




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

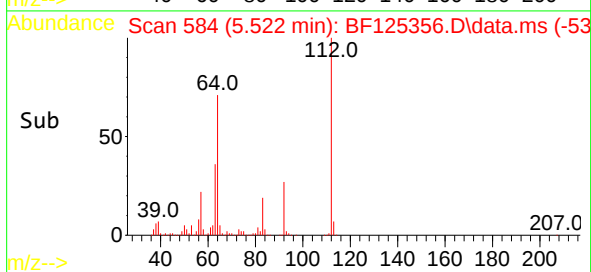
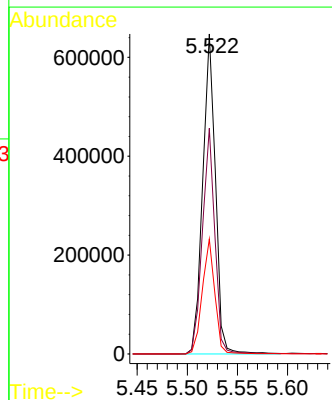
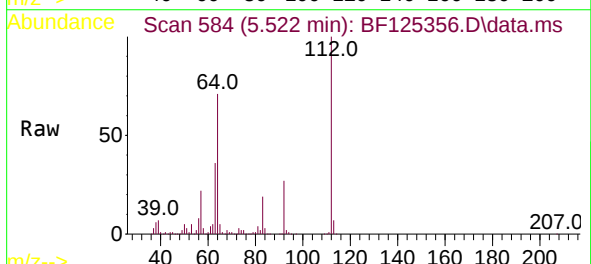
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BNA\_F  
ClientSampleId :  
06-07-24

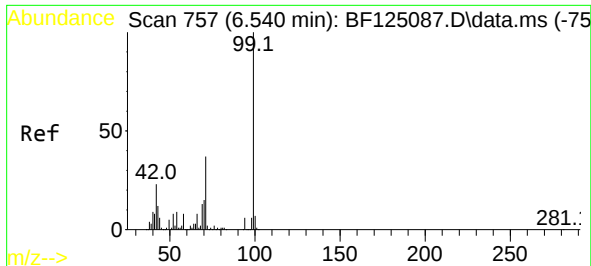
Tgt Ion:152 Resp: 174010  
Ion Ratio Lower Upper  
152 100  
150 157.8 117.6 176.4  
115 58.2 47.1 70.7



#5  
2-Fluorophenol  
Concen: 49.959 ng  
RT: 5.522 min Scan# 584  
Delta R.T. 0.000 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

Tgt Ion:112 Resp: 574349  
Ion Ratio Lower Upper  
112 100  
64 70.5 44.2 66.2#  
63 35.9 26.2 39.2

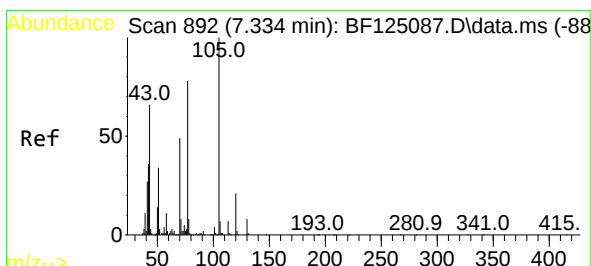
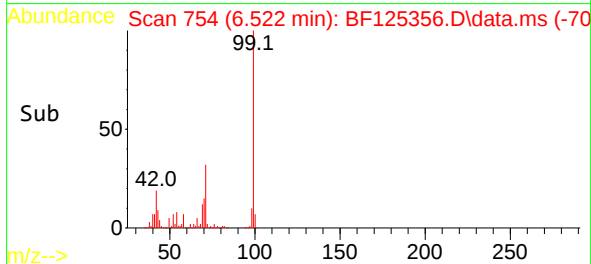
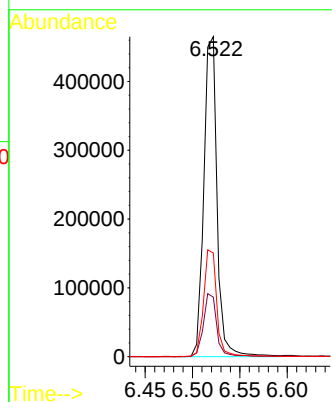
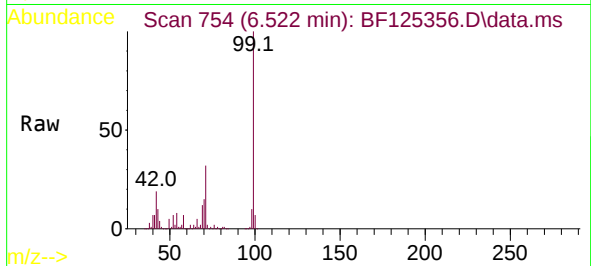




#7  
Phenol-d6  
Concen: 30.554 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.012 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

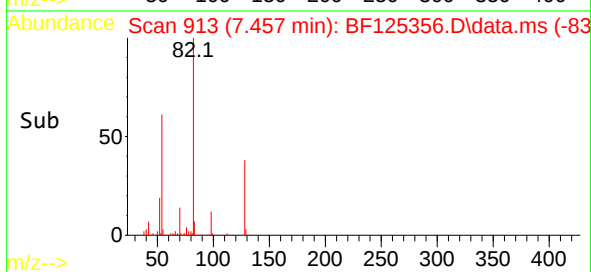
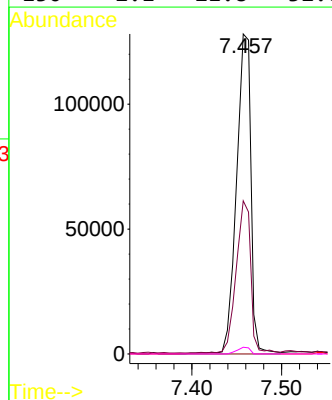
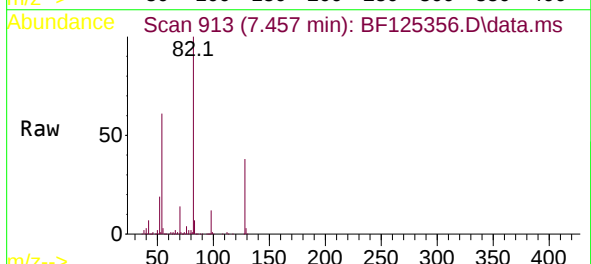
Instrument :  
BNA\_F  
ClientSampleId :  
06-07-24

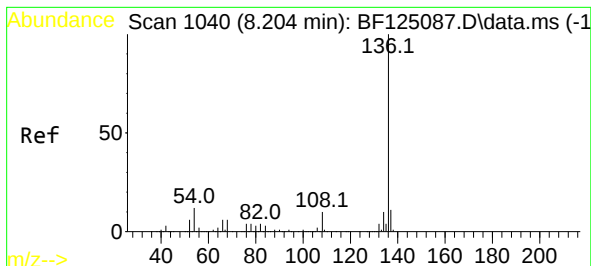
Tgt Ion: 99 Resp: 454293  
Ion Ratio Lower Upper  
99 100  
42 18.6 23.5 35.3#  
71 32.4 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.057 ng  
RT: 7.457 min Scan# 913  
Delta R.T. 0.147 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

Tgt Ion: 70 Resp: 143597  
Ion Ratio Lower Upper  
70 100  
42 47.8 72.2 108.2#  
101 0.0 7.8 11.8#  
130 2.1 21.8 32.6#

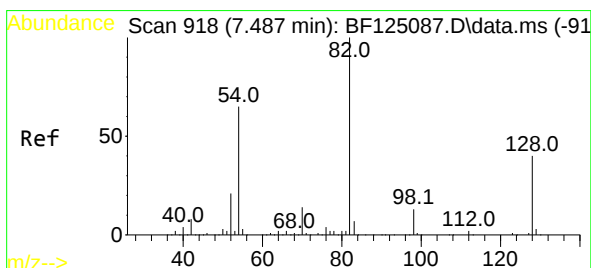
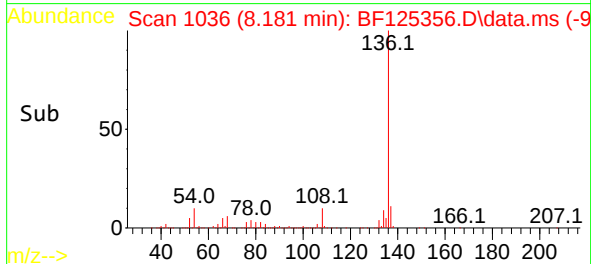
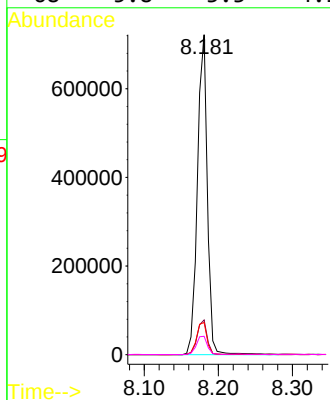
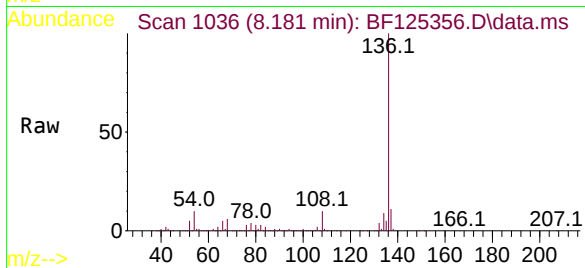




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

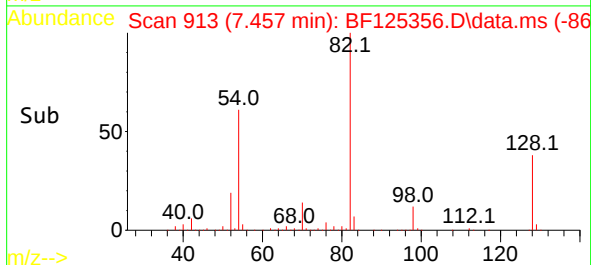
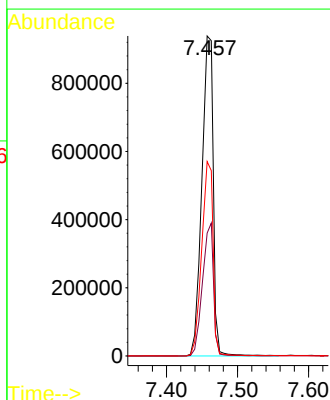
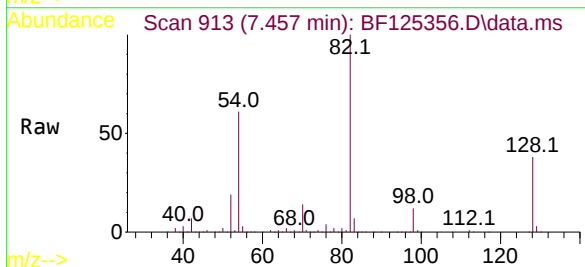
Instrument :  
BNA\_F  
ClientSampleId :  
06-07-24

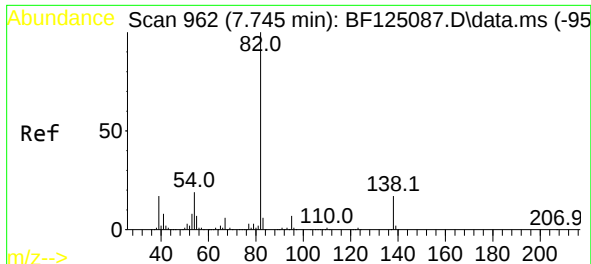
Tgt Ion:136 Resp: 669509  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.8 14.6  
54 10.0 6.4 9.6#  
68 5.8 3.3 4.9#



#23  
Nitrobenzene-d5  
Concen: 79.176 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.012 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

Tgt Ion: 82 Resp: 1052934  
Ion Ratio Lower Upper  
82 100  
128 38.4 40.6 60.8#  
54 60.7 49.6 74.4

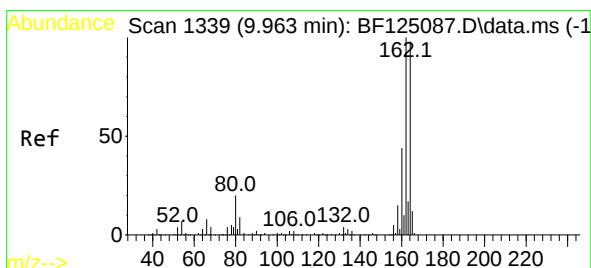
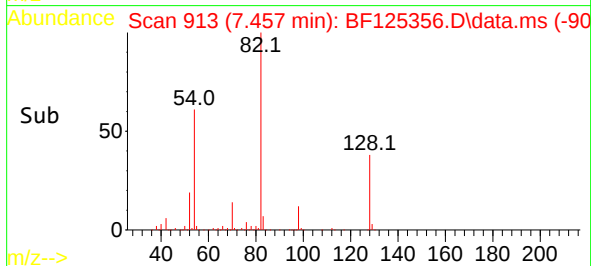
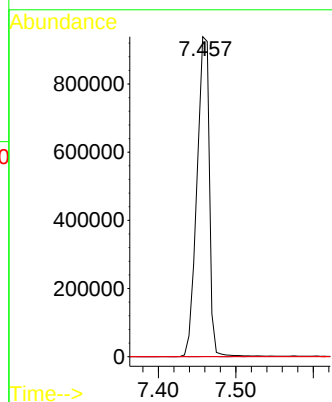
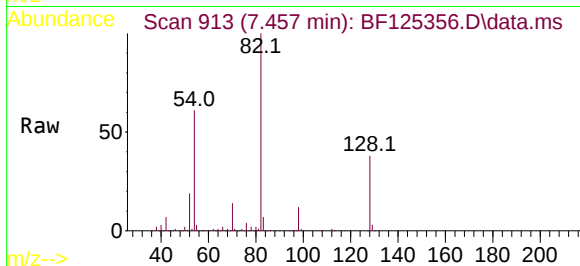




#25  
Isophorone  
Concen: 40.929 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.265 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

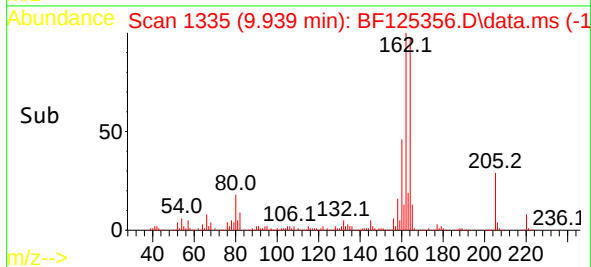
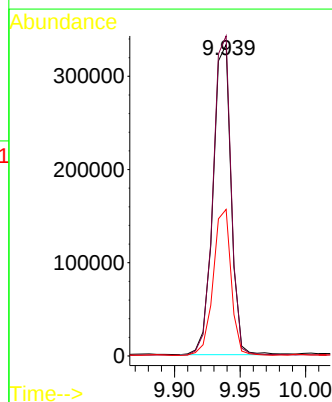
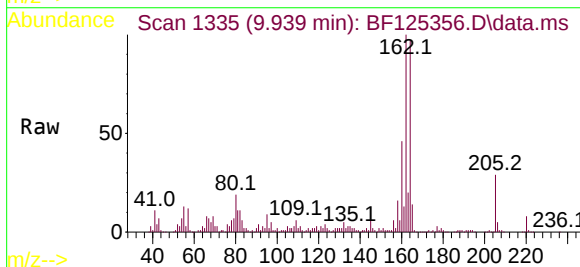
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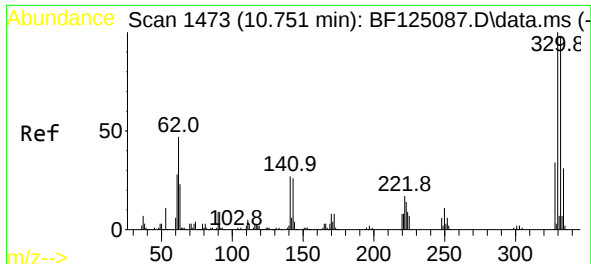
Tgt Ion: 82 Resp: 1050030  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. 0.000 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

Tgt Ion: 164 Resp: 319837  
Ion Ratio Lower Upper  
164 100  
162 102.8 81.3 121.9  
160 47.1 38.0 57.0

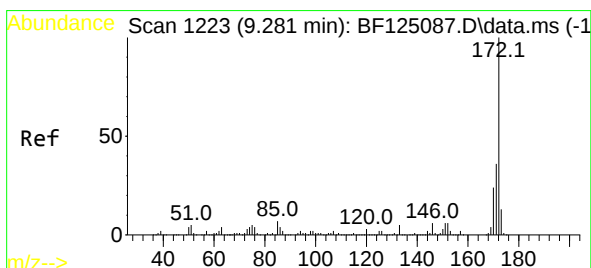
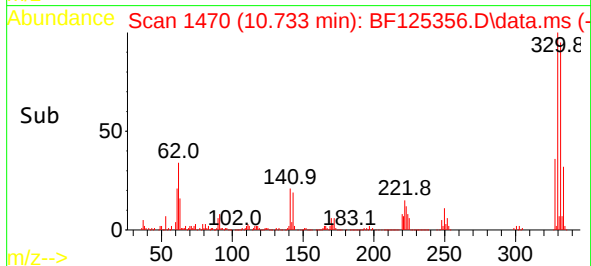
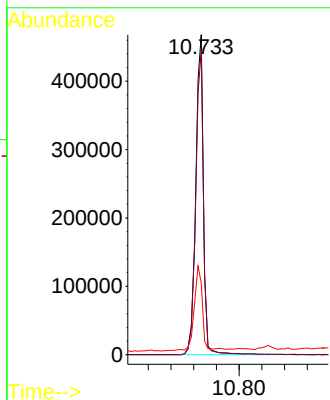
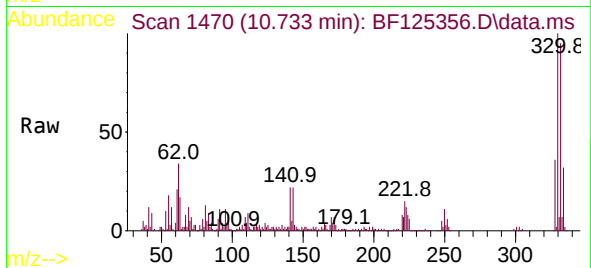




#42  
2,4,6-Tribromophenol  
Concen: 138.669 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

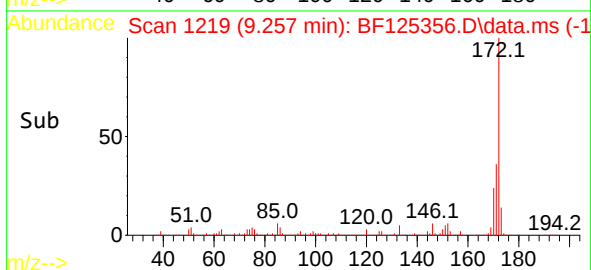
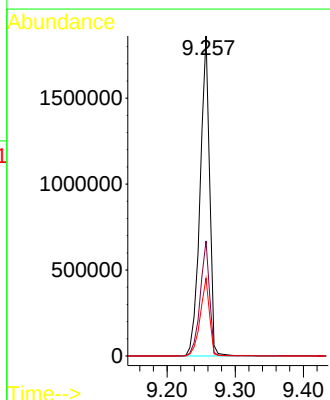
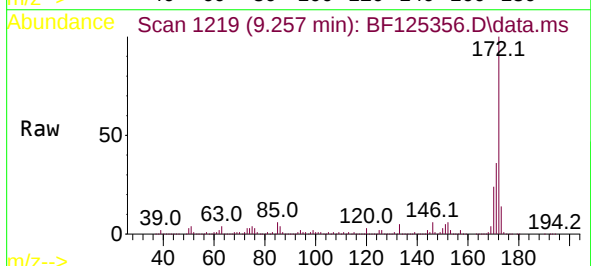
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ClientSampled :  
06-07-24

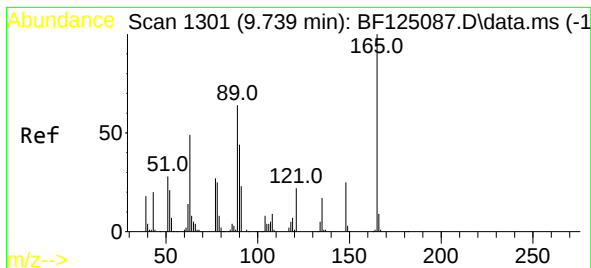
Tgt Ion:330 Resp: 442726  
Ion Ratio Lower Upper  
330 100  
332 95.2 76.2 114.4  
141 27.8 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 78.794 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

Tgt Ion:172 Resp: 1808175  
Ion Ratio Lower Upper  
172 100  
171 35.9 26.5 39.7  
170 24.3 18.8 28.2

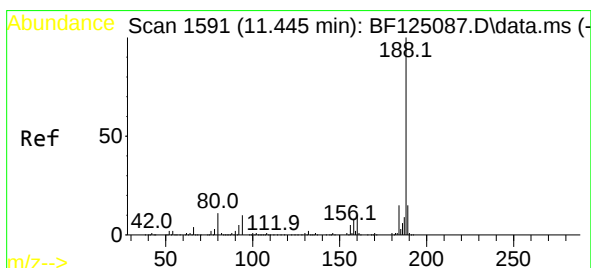
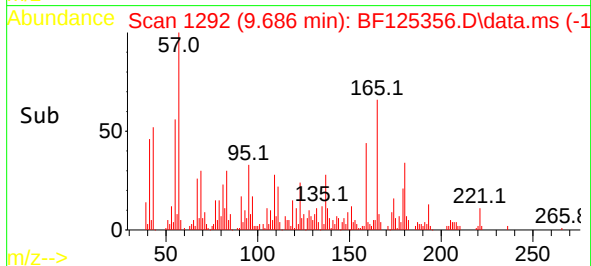
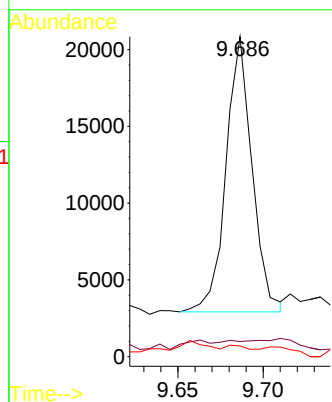
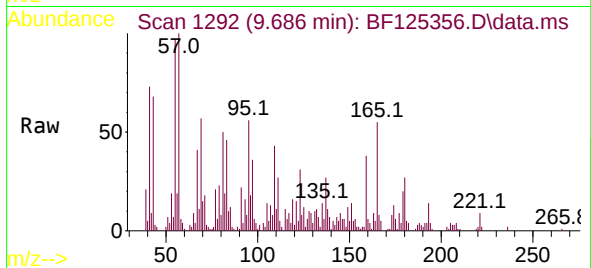




#51  
2,6-Dinitrotoluene  
Concen: 3.973 ng  
RT: 9.686 min Scan# 1292  
Delta R.T. -0.035 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

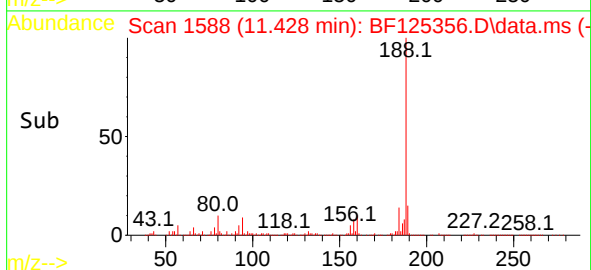
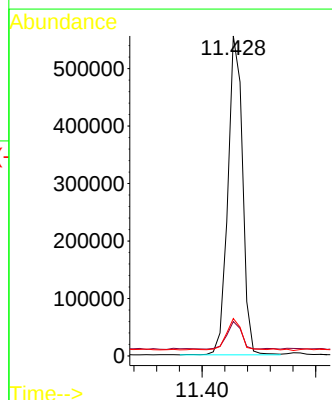
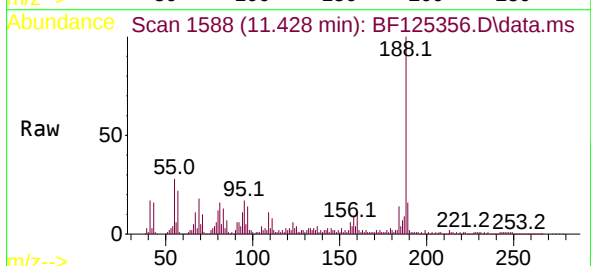
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06-07-24

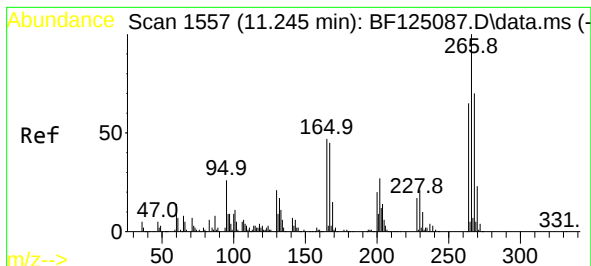
Tgt Ion:165 Resp: 19094  
Ion Ratio Lower Upper  
165 100  
63 4.8 42.6 63.8#  
89 3.3 40.6 60.8#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.428 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

Tgt Ion:188 Resp: 498942  
Ion Ratio Lower Upper  
188 100  
94 10.8 6.7 10.1#  
80 11.7 7.5 11.3#

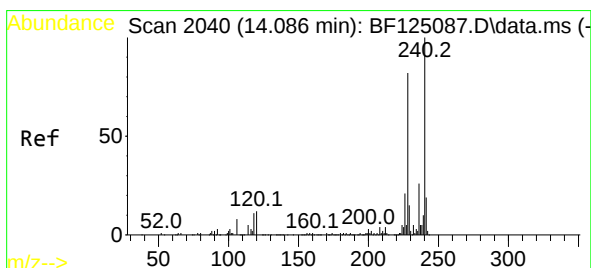
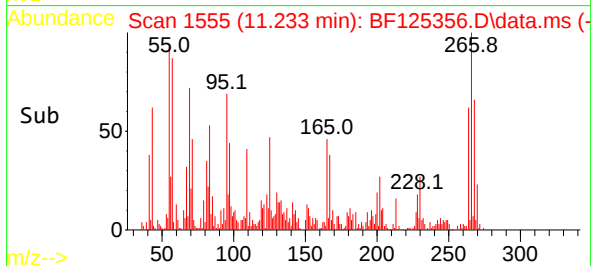
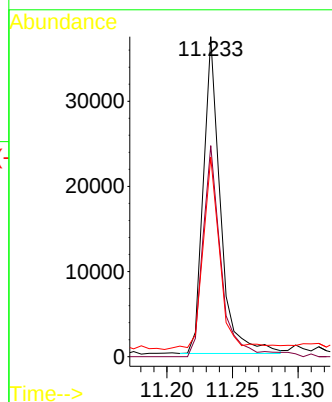
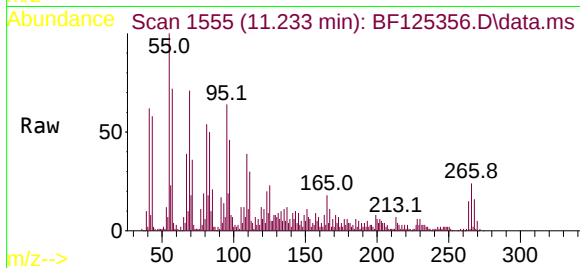




#70  
Pentachlorophenol  
Concen: 9.398 ng  
RT: 11.233 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

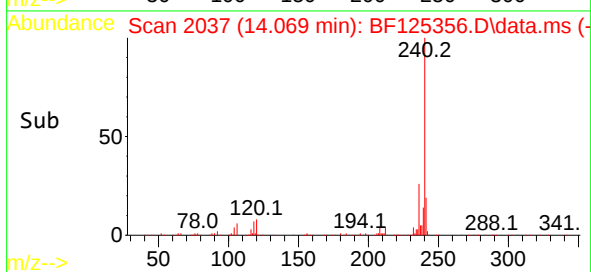
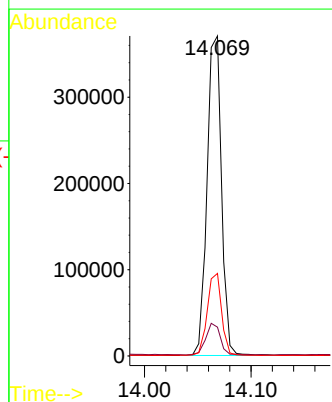
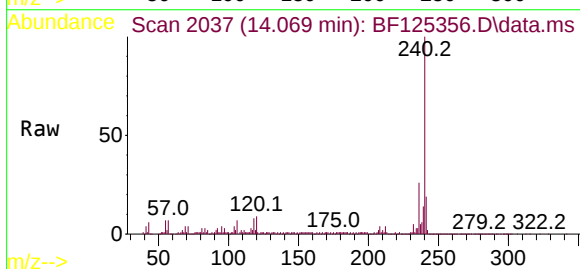
Instrument :  
BNA\_F  
ClientSampled :  
06-07-24

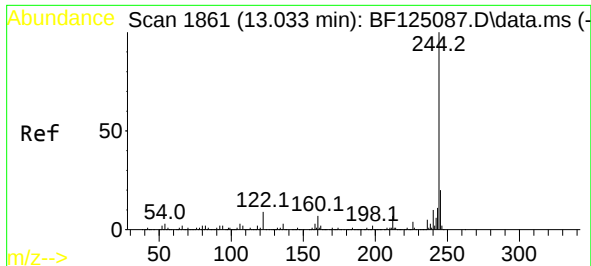
Tgt Ion:266 Resp: 33822  
Ion Ratio Lower Upper  
266 100  
268 65.9 48.9 73.3  
264 62.3 55.9 83.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 2037  
Delta R.T. 0.000 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

Tgt Ion:240 Resp: 350986  
Ion Ratio Lower Upper  
240 100  
120 9.0 10.8 16.2#  
236 25.8 21.6 32.4

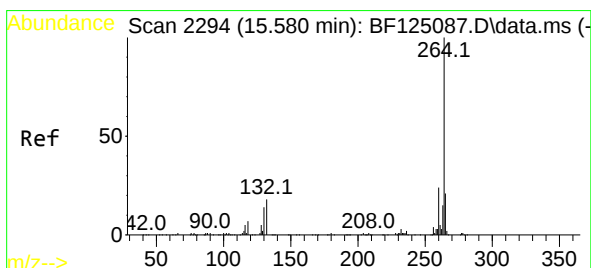
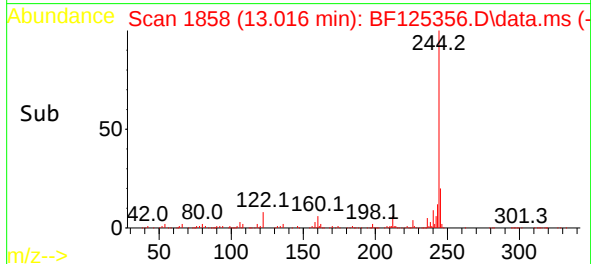
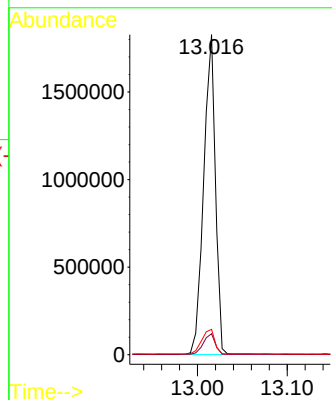
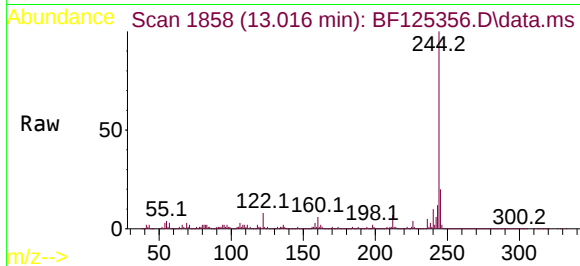




#79  
Terphenyl-d14  
Concen: 75.275 ng  
RT: 13.016 min Scan# 1858  
Delta R.T. 0.006 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

Instrument :  
BNA\_F  
ClientSampleId :  
06-07-24

Tgt Ion:244 Resp: 1658447  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.9 8.9  
122 7.9 9.0 13.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.557 min Scan# 2290  
Delta R.T. 0.000 min  
Lab File: BF125356.D  
Acq: 3 Sep 2021 20:22

Tgt Ion:264 Resp: 336603  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.6 29.4  
265 22.1 17.2 25.8

