

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090121\  
 Data File : BF125301.D  
 Acq On : 1 Sep 2021 12:08  
 Operator : JU/CG  
 Sample : PB138856BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138856BL

Quant Time: Sep 01 13:26:17 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   | 6.904  | 152  | 201540   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.192  | 136  | 808948   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.945  | 164  | 438169   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.433 | 188  | 834709   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.074 | 240  | 610572   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.574 | 264  | 438630   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.534  | 112  | 1435748  | 107.827 | ng    | 0.00     |
| 7) Phenol-d6                | 6.540  | 99   | 1778437  | 103.272 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.469  | 82   | 1188926  | 73.992  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.739 | 330  | 594323   | 135.880 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.269  | 172  | 2119934  | 67.431  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.027 | 244  | 2749487  | 71.739  | ng    | 0.00     |

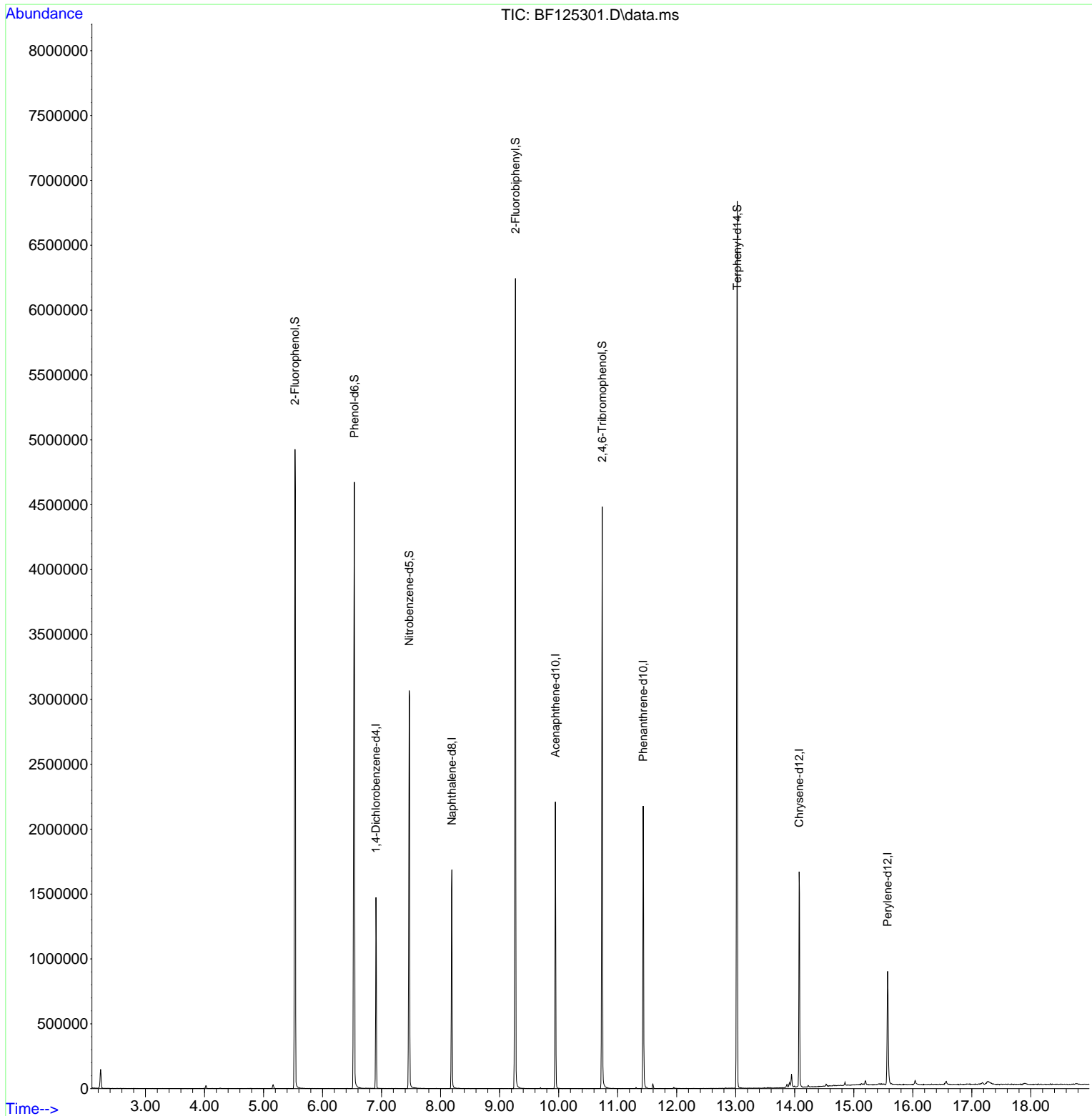
Target Compounds Qvalue

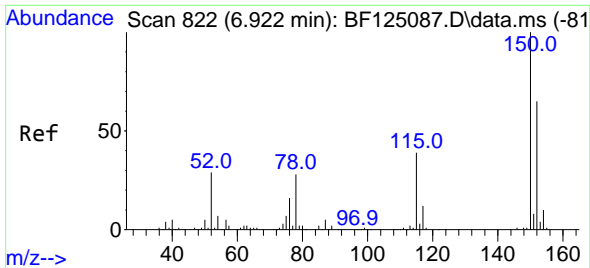
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : PB138856BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB138856BL

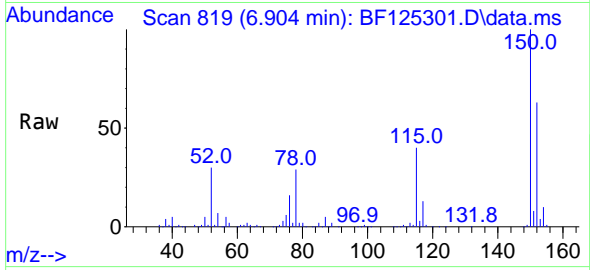
Quant Time: Sep 01 13:26:17 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
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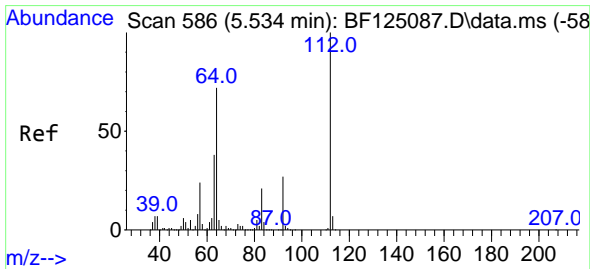
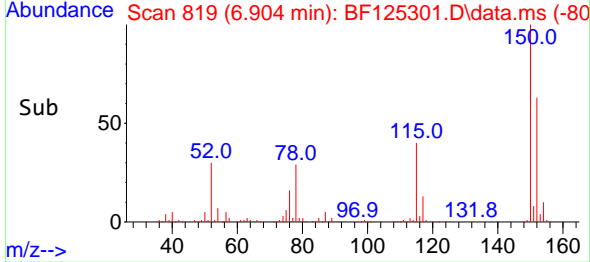
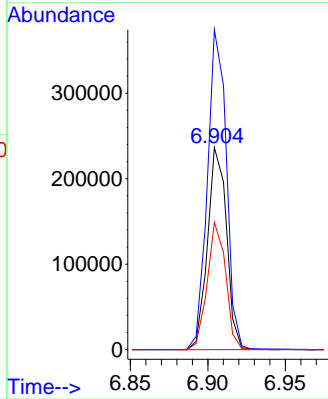


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.904 min Scan# 819  
 Delta R.T. -0.012 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB138856BL

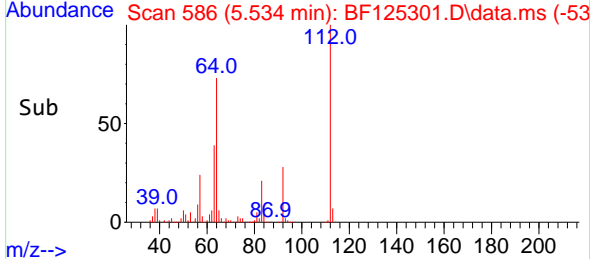
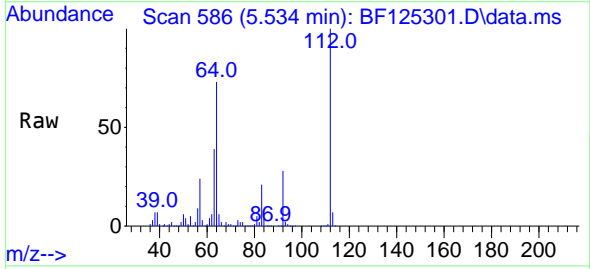
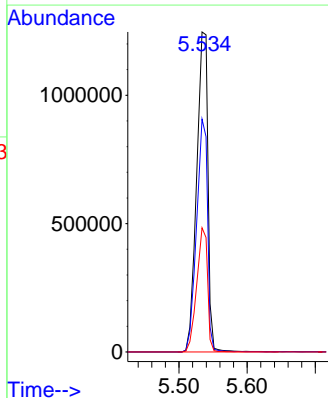


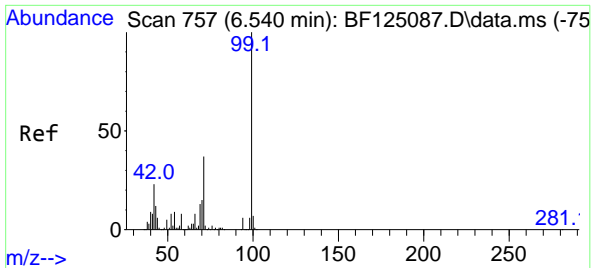
Tgt Ion:152 Resp: 201540  
 Ion Ratio Lower Upper  
 152 100  
 150 158.3 117.6 176.4  
 115 62.9 47.1 70.7



#5  
 2-Fluorophenol  
 Concen: 107.827 ng  
 RT: 5.534 min Scan# 586  
 Delta R.T. 0.006 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08

Tgt Ion:112 Resp: 1435748  
 Ion Ratio Lower Upper  
 112 100  
 64 72.7 44.2 66.2#  
 63 38.8 26.2 39.2



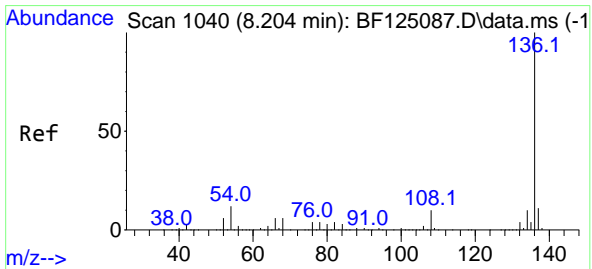
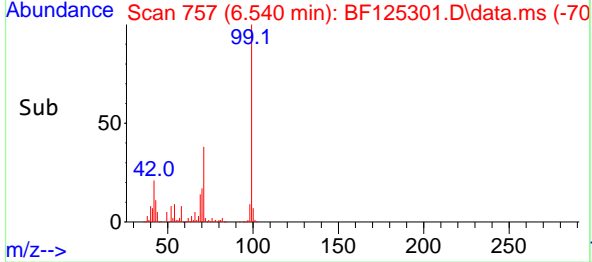
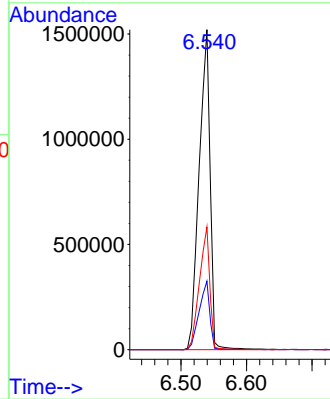
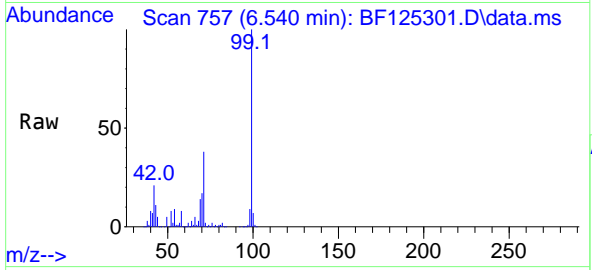


#7  
 Phenol-d6  
 Concen: 103.272 ng  
 RT: 6.540 min Scan# 757  
 Delta R.T. 0.000 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138856BL

Tgt Ion: 99 Resp: 1778437

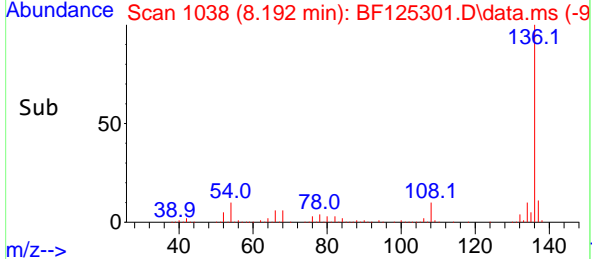
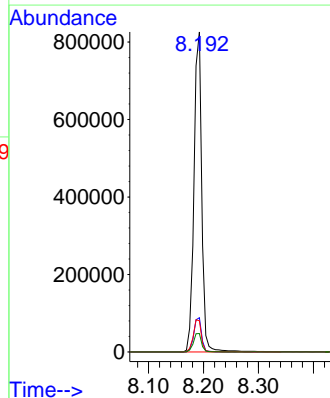
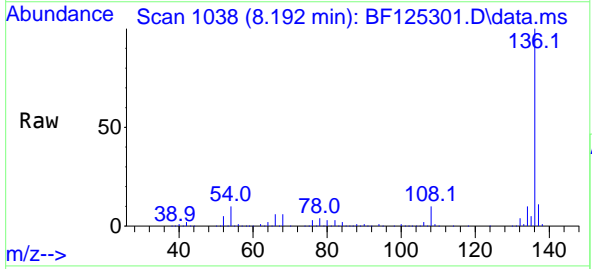
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.4  | 23.5  | 35.3# |
| 71  | 38.3  | 25.6  | 38.4  |

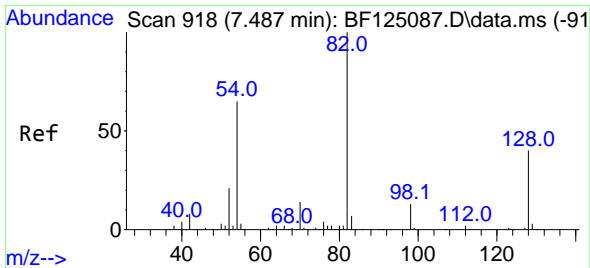


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.192 min Scan# 1038  
 Delta R.T. -0.006 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08

Tgt Ion: 136 Resp: 808948

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 9.8   | 14.6  |
| 54  | 9.8   | 6.4   | 9.6#  |
| 68  | 5.8   | 3.3   | 4.9#  |

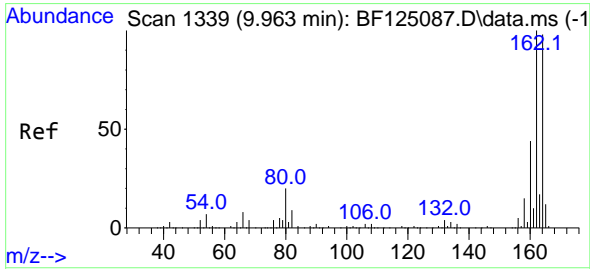
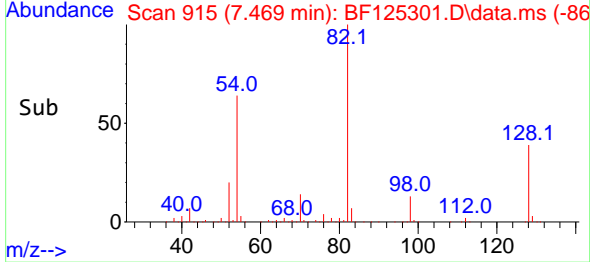
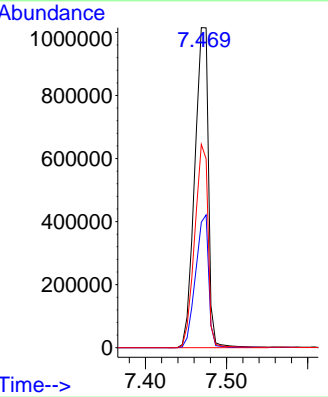
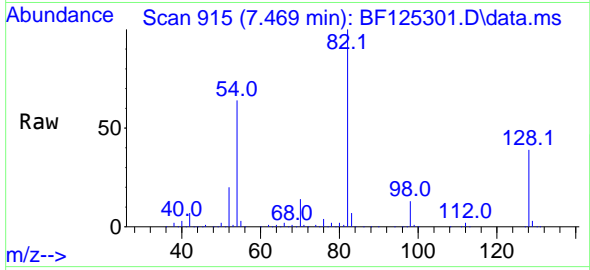




#23  
 Nitrobenzene-d5  
 Concen: 73.992 ng  
 RT: 7.469 min Scan# 915  
 Delta R.T. -0.012 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08

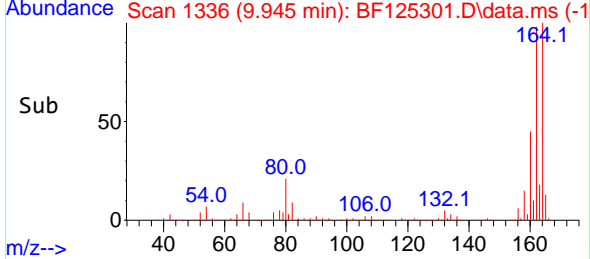
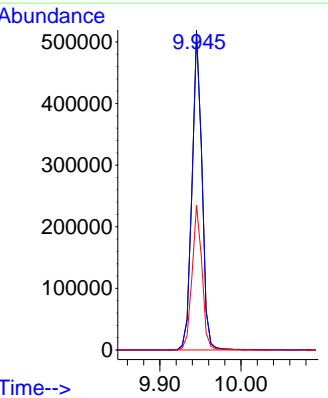
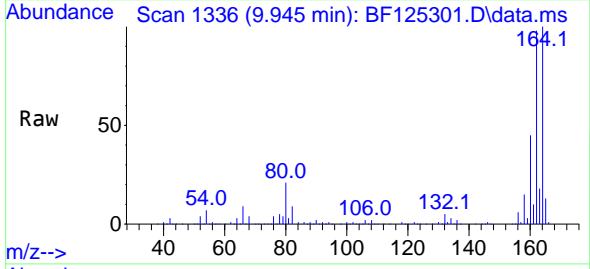
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB138856BL

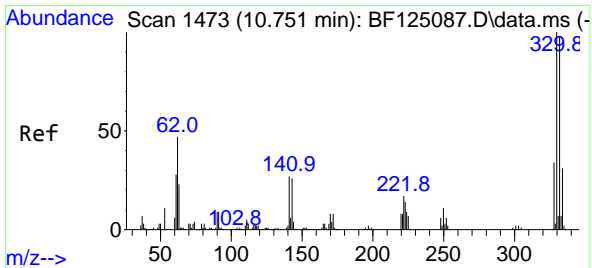
Tgt Ion: 82 Resp: 1188926  
 Ion Ratio Lower Upper  
 82 100  
 128 39.2 40.6 60.8#  
 54 63.5 49.6 74.4



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.945 min Scan# 1336  
 Delta R.T. -0.006 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08

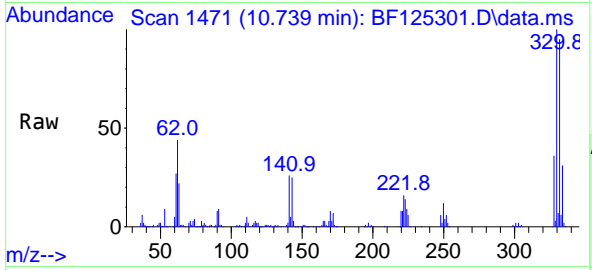
Tgt Ion:164 Resp: 438169  
 Ion Ratio Lower Upper  
 164 100  
 162 98.4 81.3 121.9  
 160 45.2 38.0 57.0



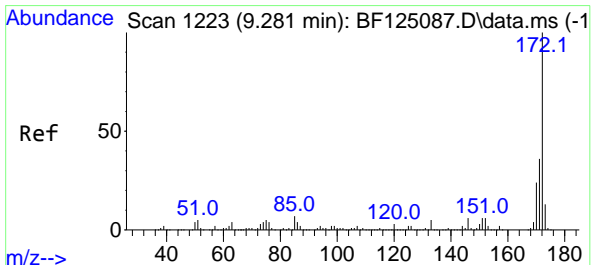
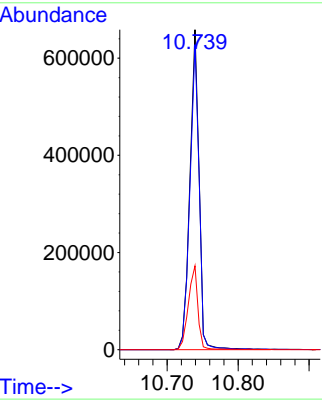
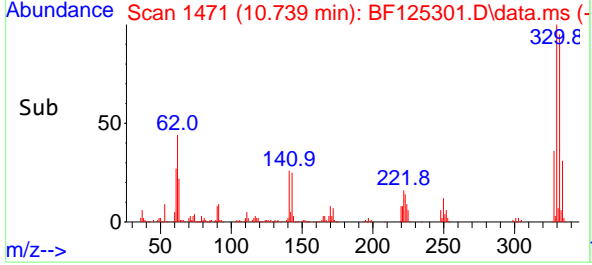


#42  
 2,4,6-Tribromophenol  
 Concen: 135.880 ng  
 RT: 10.739 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08

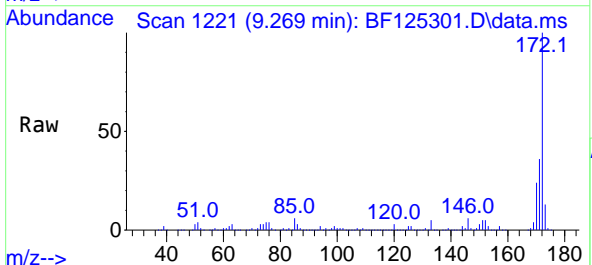
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
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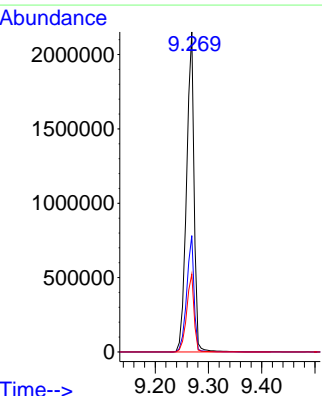
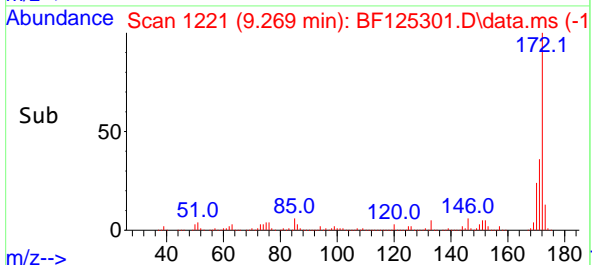
Tgt Ion:330 Resp: 594323  
 Ion Ratio Lower Upper  
 330 100  
 332 95.5 76.2 114.4  
 141 27.5 44.6 66.8#

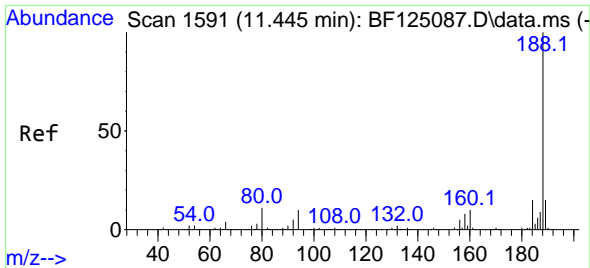


#45  
 2-Fluorobiphenyl  
 Concen: 67.431 ng  
 RT: 9.269 min Scan# 1221  
 Delta R.T. -0.006 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08



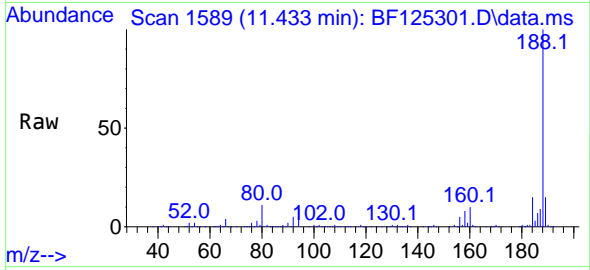
Tgt Ion:172 Resp: 2119934  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 26.5 39.7  
 170 24.3 18.8 28.2



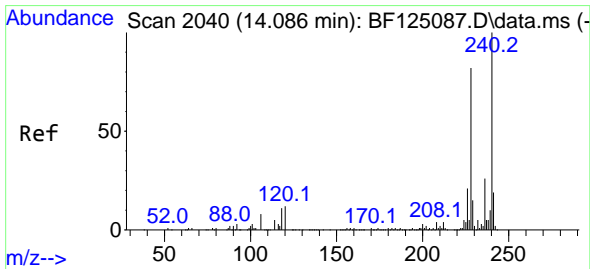
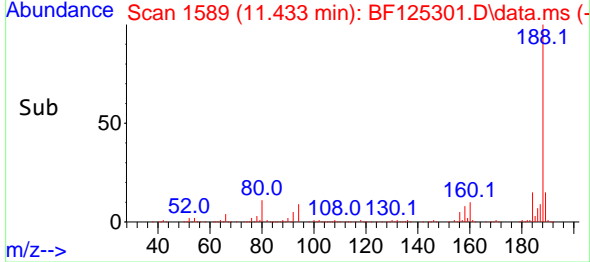
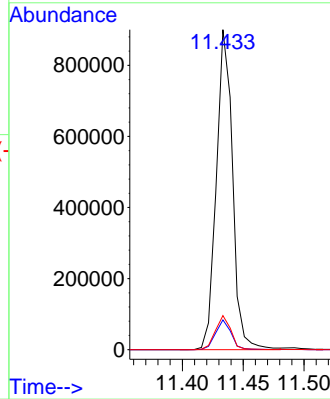


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.433 min Scan# 1589  
 Delta R.T. -0.006 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08

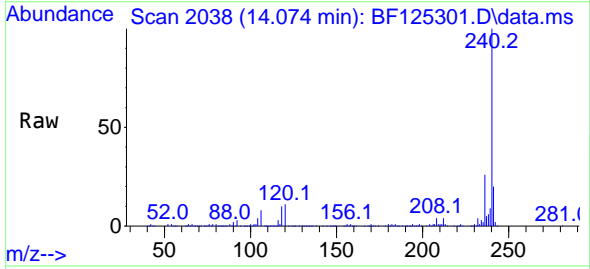
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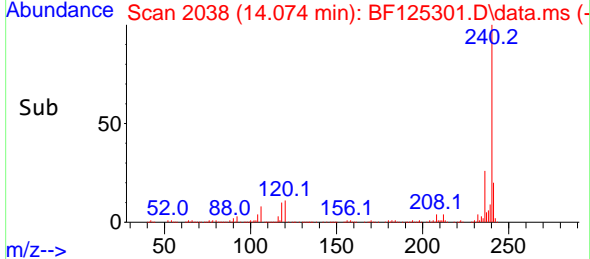
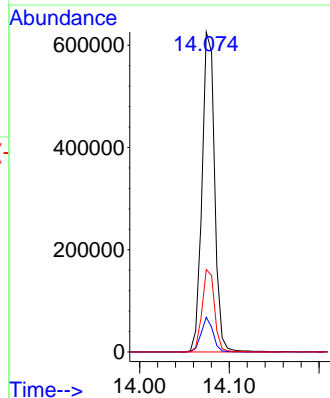
Tgt Ion:188 Resp: 834709  
 Ion Ratio Lower Upper  
 188 100  
 94 9.3 6.7 10.1  
 80 10.6 7.5 11.3

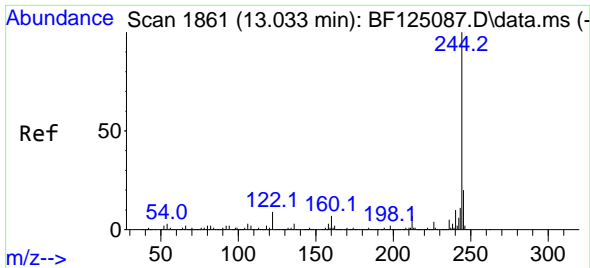


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.074 min Scan# 2038  
 Delta R.T. -0.006 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08



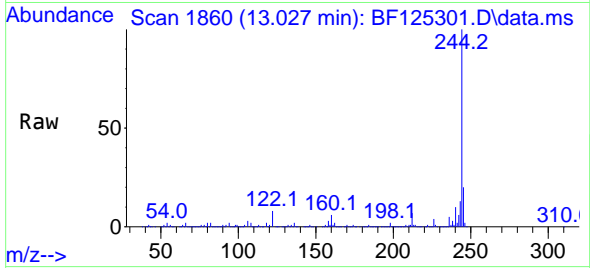
Tgt Ion:240 Resp: 610572  
 Ion Ratio Lower Upper  
 240 100  
 120 10.9 10.8 16.2  
 236 25.8 21.6 32.4



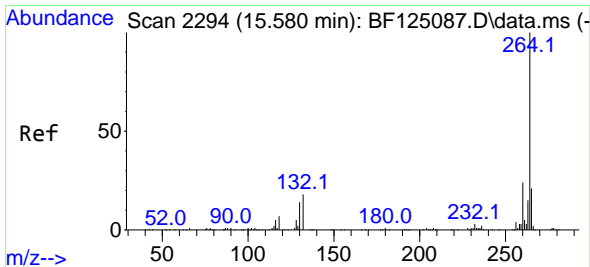
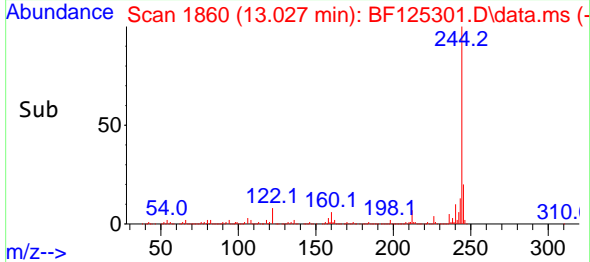
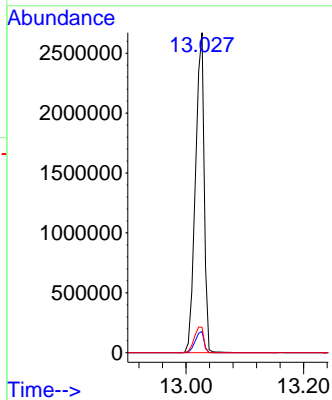


#79  
 Terphenyl-d14  
 Concen: 71.739 ng  
 RT: 13.027 min Scan# 1860  
 Delta R.T. 0.006 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08

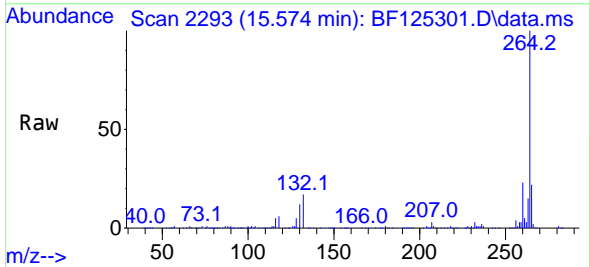
Instrument :  
 BNA\_F  
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 PB138856BL



Tgt Ion:244 Resp: 2749487  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.9 8.9  
 122 8.0 9.0 13.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.574 min Scan# 2293  
 Delta R.T. 0.000 min  
 Lab File: BF125301.D  
 Acq: 1 Sep 2021 12:08



Tgt Ion:264 Resp: 438630  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.6 29.4  
 265 21.6 17.2 25.8

