

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092121\  
 Data File : BF125546.D  
 Acq On : 21 Sep 2021 20:44  
 Operator : JU/CG  
 Sample : M3835-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SW-CB-04-(1.0)

Quant Time: Sep 22 06:10:56 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

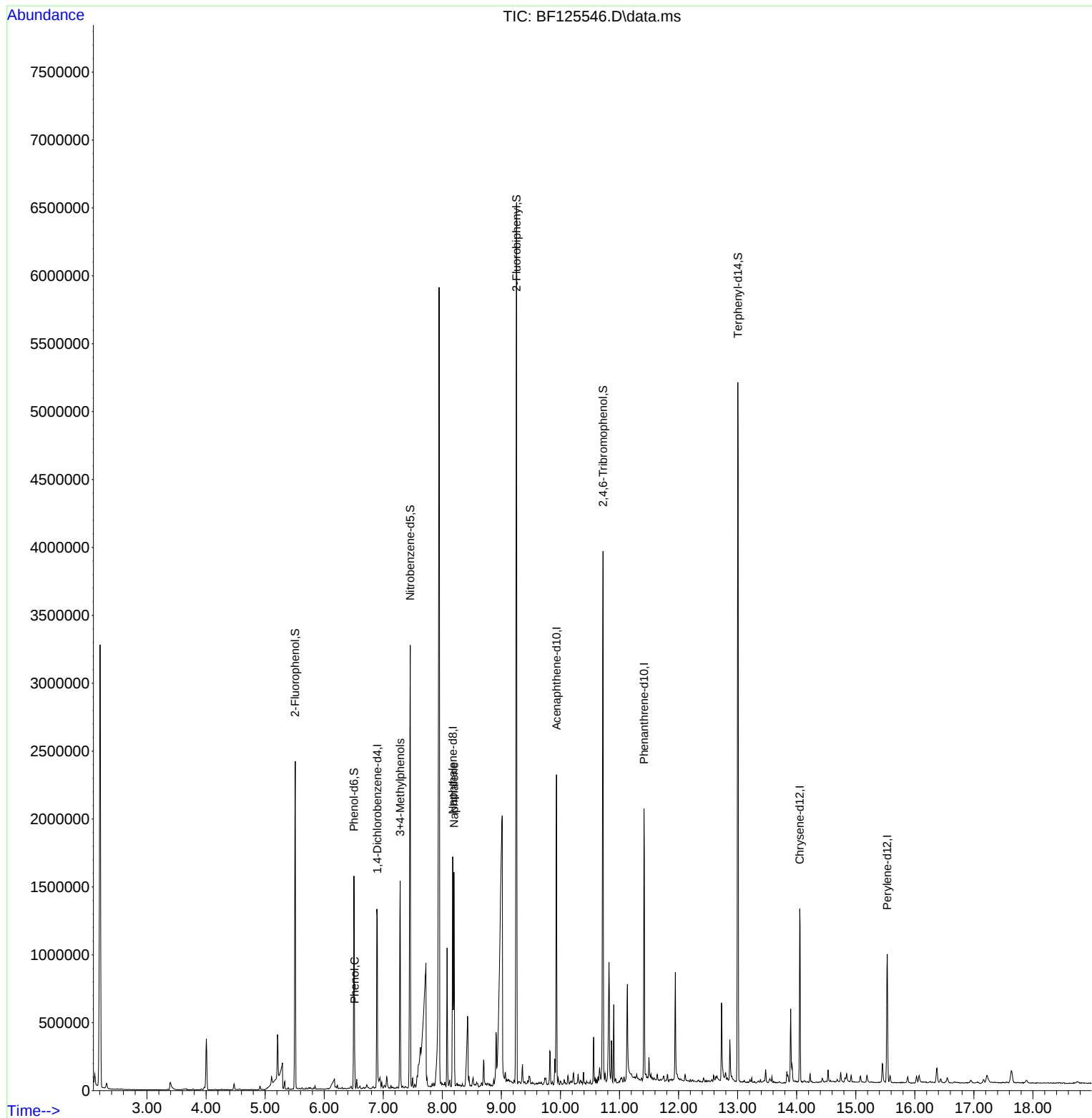
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.898  | 152  | 204726   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 846265   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.933  | 164  | 429267   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.416 | 188  | 718174   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.051 | 240  | 430269   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.533 | 264  | 409709   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 692840   | 53.517  | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 518326   | 31.053  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 1111158  | 83.747  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 497794   | 118.395 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 2101910  | 89.204  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 1891234  | 70.979  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 10) Phenol                  | 6.516  | 94   | 49263    | 2.900   | ng    | 91       |
| 20) 3+4-Methylphenols       | 7.286  | 107  | 376446   | 25.656  | ng    | # 69     |
| 31) Naphthalene             | 8.198  | 128  | 643330   | 14.802  | ng    | 98       |
| -----                       |        |      |          |         |       |          |

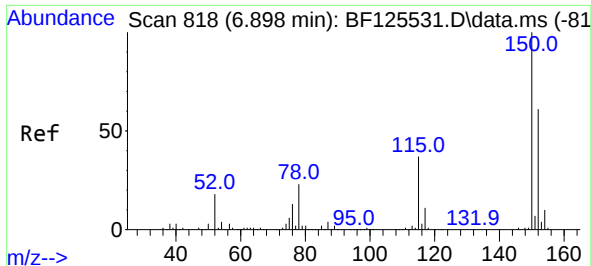
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
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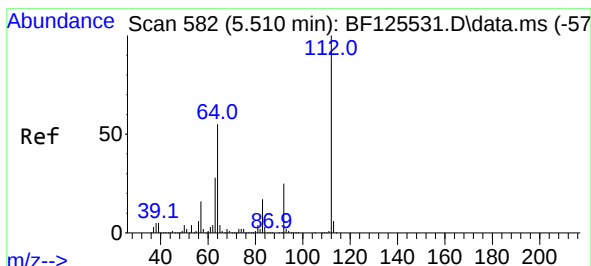
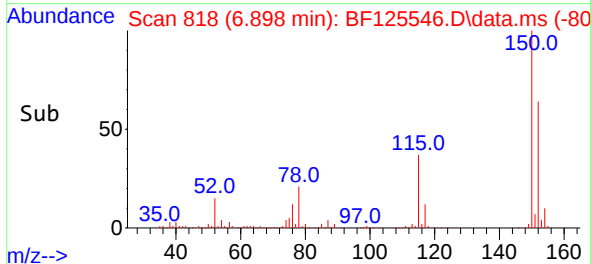
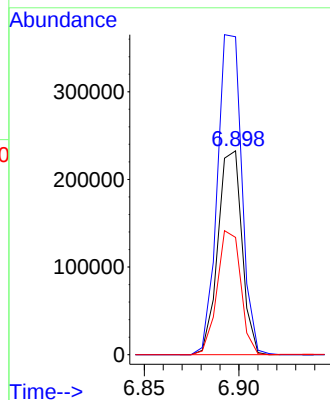
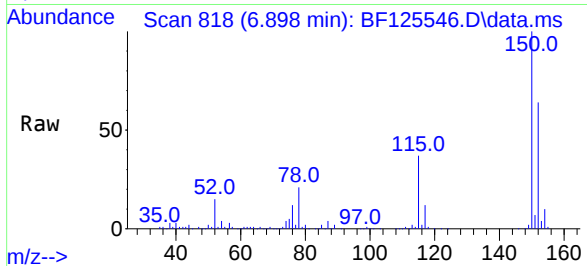




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

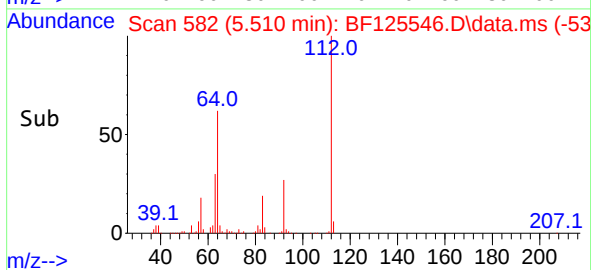
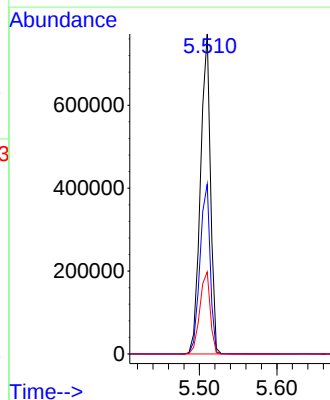
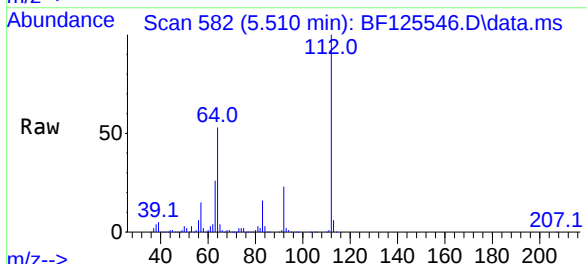
Instrument :  
BNA\_F  
ClientSampleId :  
SW-CB-04-(1.0)

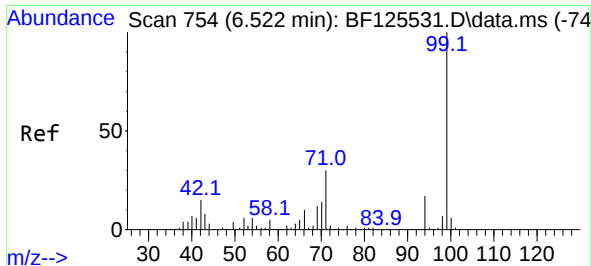
Tgt Ion:152 Resp: 204726  
Ion Ratio Lower Upper  
152 100  
150 156.0 117.6 176.4  
115 57.5 47.1 70.7



#5  
2-Fluorophenol  
Concen: 53.517 ng  
RT: 5.510 min Scan# 582  
Delta R.T. 0.000 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

Tgt Ion:112 Resp: 692840  
Ion Ratio Lower Upper  
112 100  
64 53.1 44.2 66.2  
63 25.7 26.2 39.2#

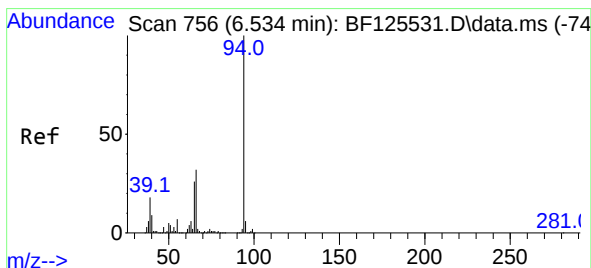
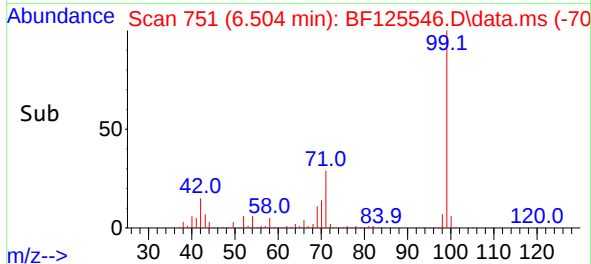
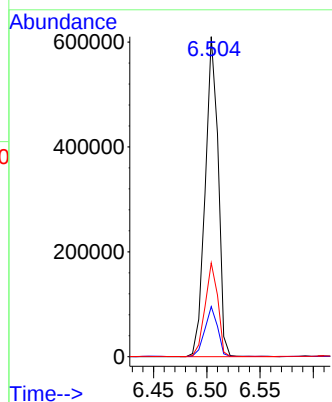
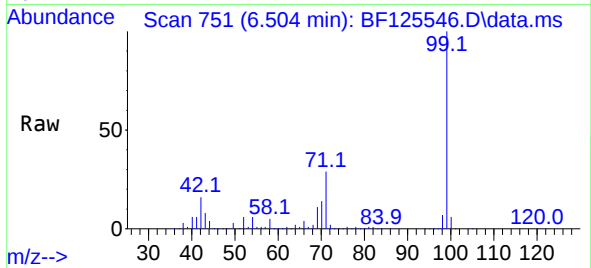




#7  
Phenol-d6  
Concen: 31.053 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.018 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

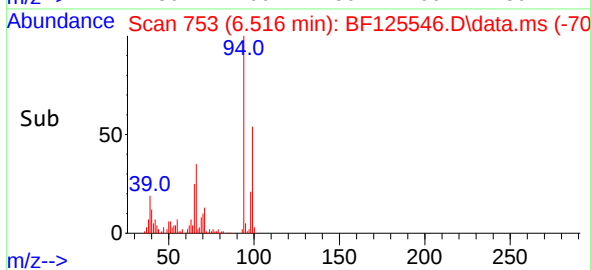
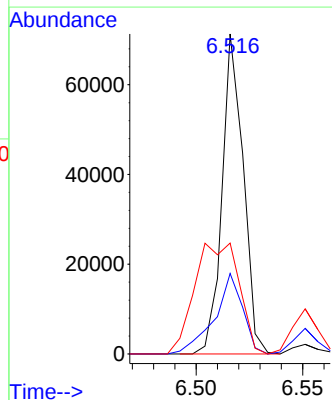
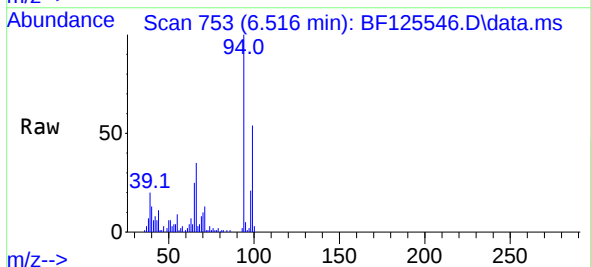
Instrument :  
BNA\_F  
ClientSampleId :  
SW-CB-04-(1.0)

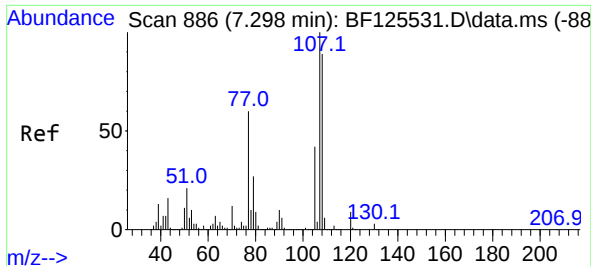
Tgt Ion: 99 Resp: 518326  
Ion Ratio Lower Upper  
99 100  
42 15.6 23.5 35.3#  
71 29.3 25.6 38.4



#10  
Phenol  
Concen: 2.900 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.018 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

Tgt Ion: 94 Resp: 49263  
Ion Ratio Lower Upper  
94 100  
65 25.1 9.3 49.3  
66 34.6 20.3 60.3



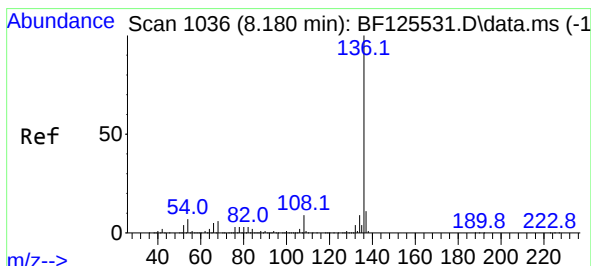
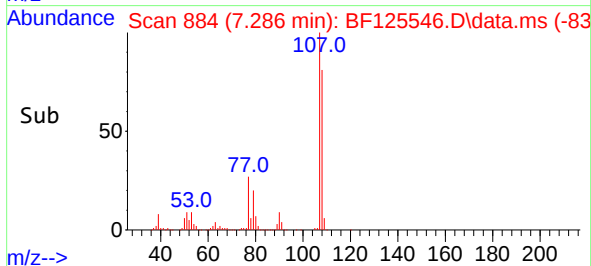
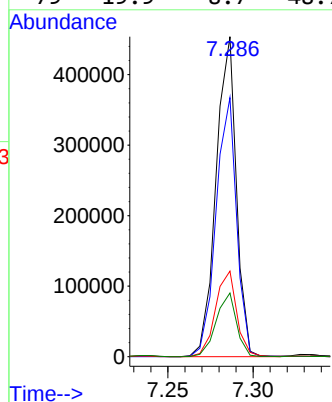
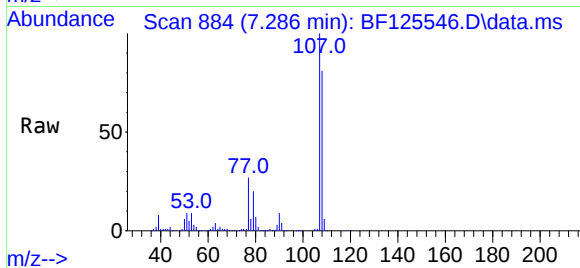


#20  
3+4-Methylphenols  
Concen: 25.656 ng  
RT: 7.286 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

Instrument :  
BNA\_F  
ClientSampleId :  
SW-CB-04-(1.0)

Tgt Ion:107 Resp: 376446

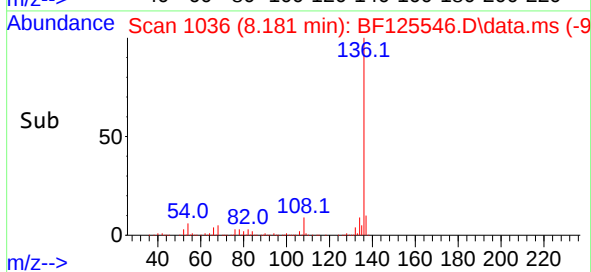
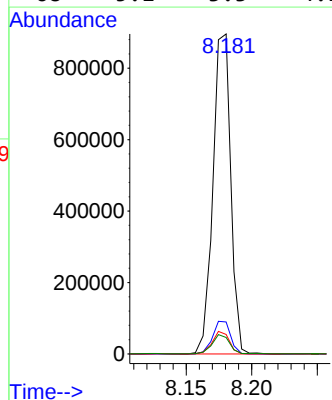
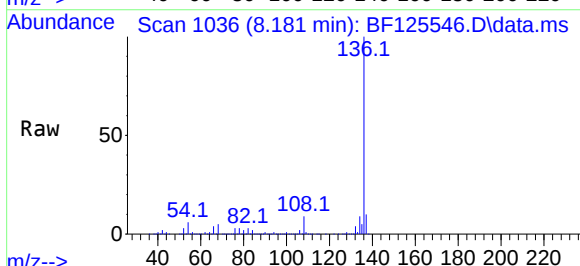
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 80.9  | 76.6  | 116.6 |
| 77  | 26.7  | 53.3  | 93.3# |
| 79  | 19.9  | 8.7   | 48.7  |

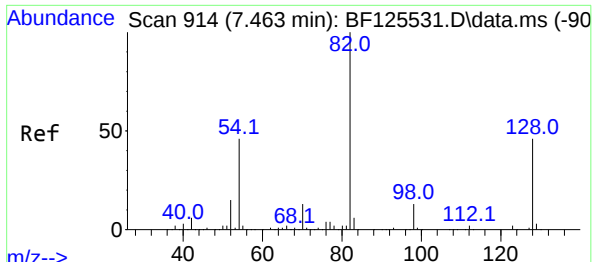


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

Tgt Ion:136 Resp: 846265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.0  | 9.8   | 14.6  |
| 54  | 6.1   | 6.4   | 9.6#  |
| 68  | 5.1   | 3.3   | 4.9#  |

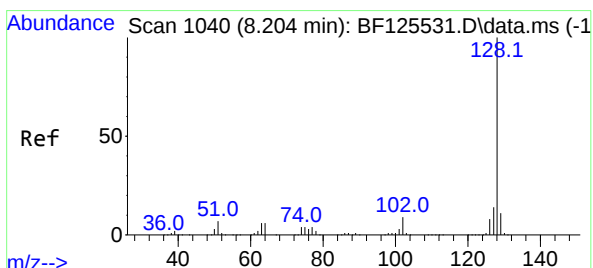
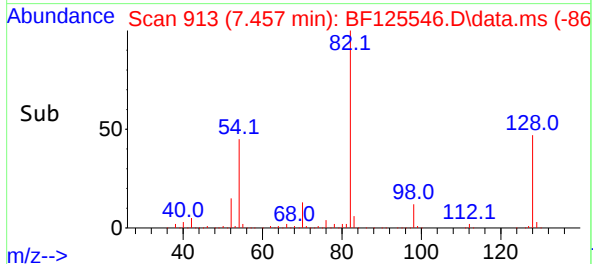
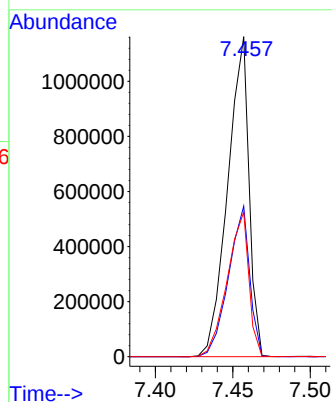
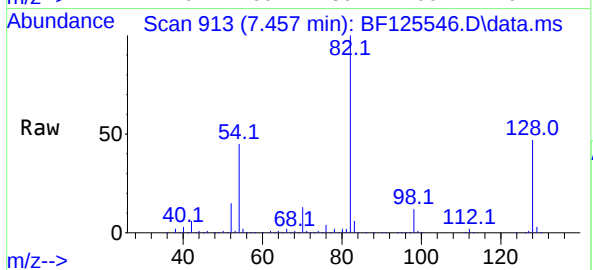




#23  
Nitrobenzene-d5  
Concen: 83.747 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

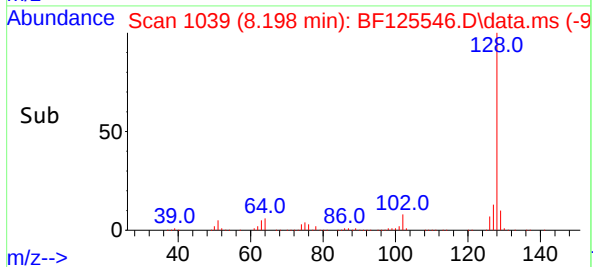
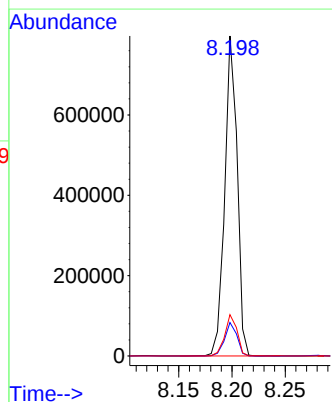
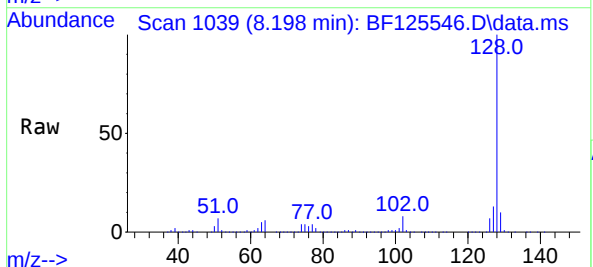
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SW-CB-04-(1.0)

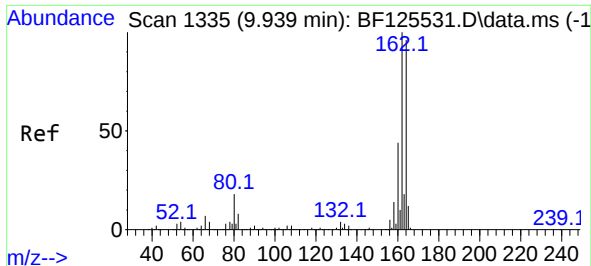
Tgt Ion: 82 Resp: 1111158  
Ion Ratio Lower Upper  
82 100  
128 47.1 40.6 60.8  
54 45.2 49.6 74.4#



#31  
Naphthalene  
Concen: 14.802 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

Tgt Ion:128 Resp: 643330  
Ion Ratio Lower Upper  
128 100  
129 10.5 9.4 14.0  
127 12.9 10.9 16.3

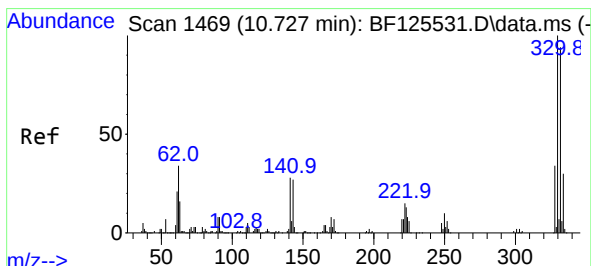
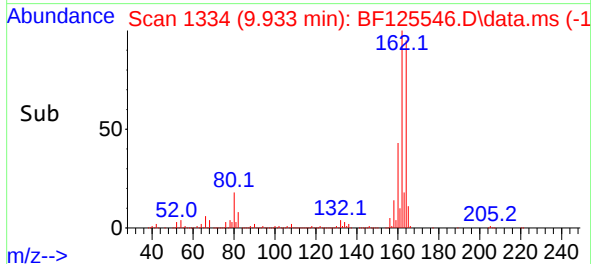
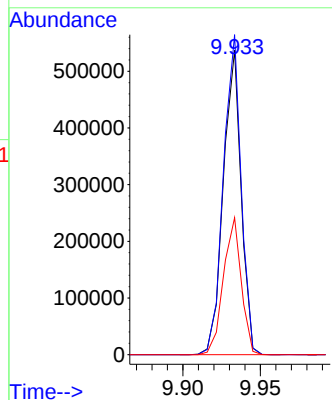
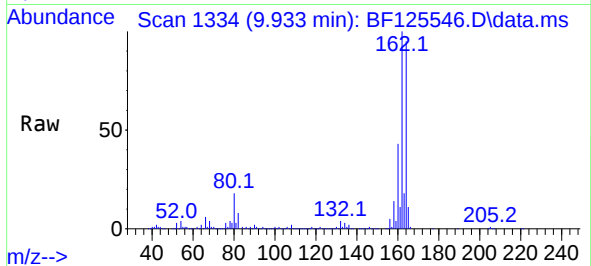




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

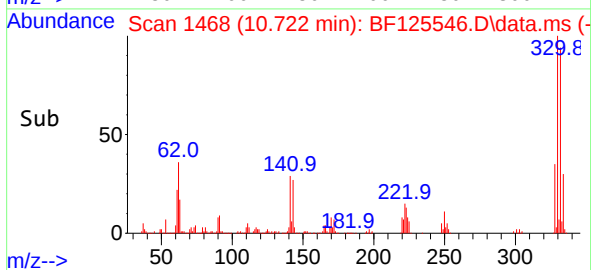
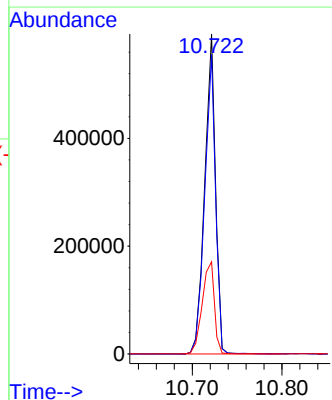
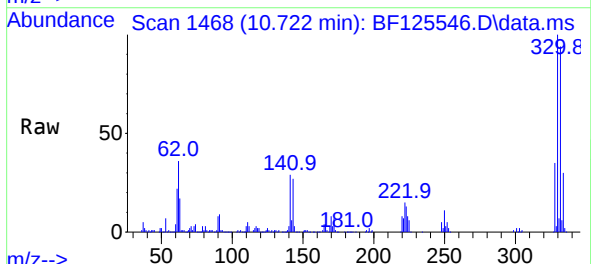
Instrument :  
BNA\_F  
ClientSampleId :  
SW-CB-04-(1.0)

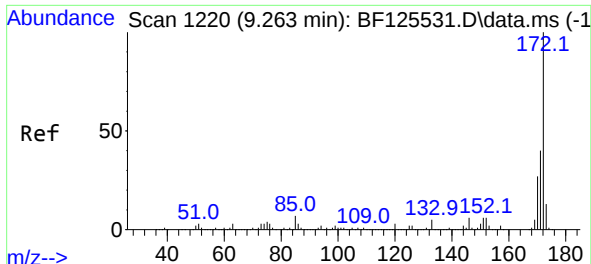
Tgt Ion:164 Resp: 429267  
Ion Ratio Lower Upper  
164 100  
162 105.1 81.3 121.9  
160 44.9 38.0 57.0



#42  
2,4,6-Tribromophenol  
Concen: 118.395 ng  
RT: 10.722 min Scan# 1468  
Delta R.T. -0.006 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

Tgt Ion:330 Resp: 497794  
Ion Ratio Lower Upper  
330 100  
332 93.9 76.2 114.4  
141 32.4 44.6 66.8#

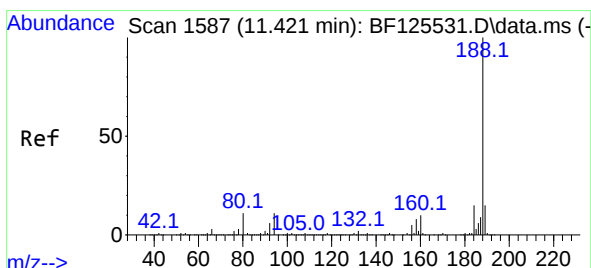
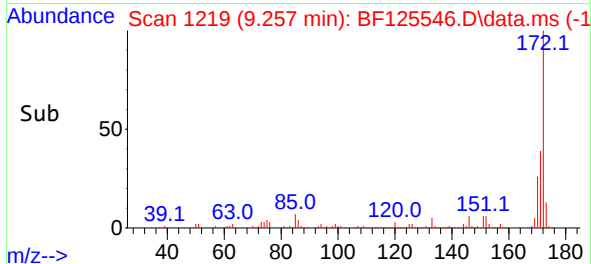
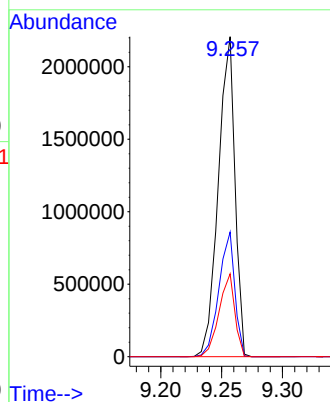
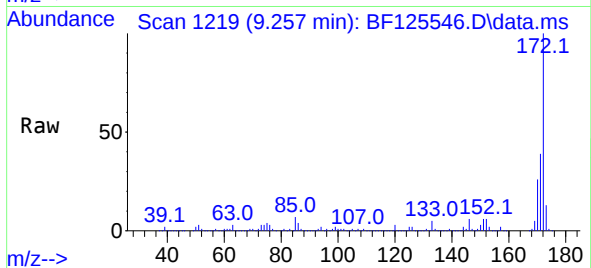




#45  
2-Fluorobiphenyl  
Concen: 89.204 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. -0.006 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

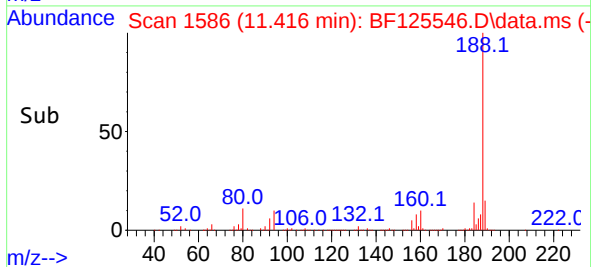
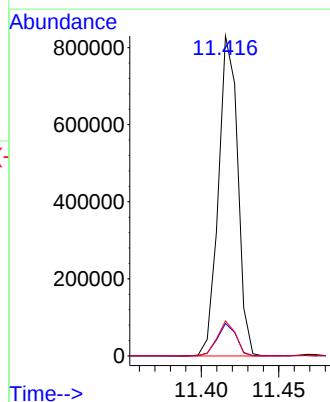
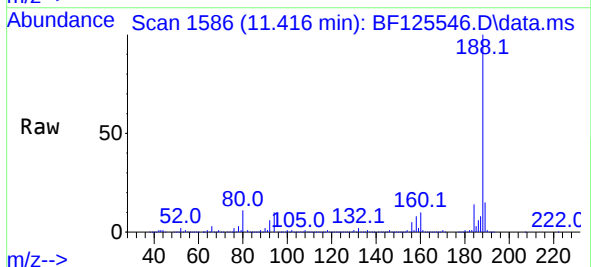
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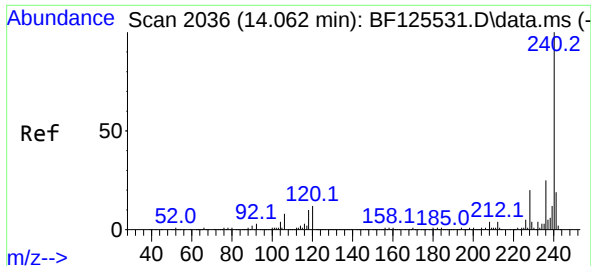
Tgt Ion:172 Resp: 2101910  
Ion Ratio Lower Upper  
172 100  
171 38.9 26.5 39.7  
170 25.9 18.8 28.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

Tgt Ion:188 Resp: 718174  
Ion Ratio Lower Upper  
188 100  
94 10.2 6.7 10.1#  
80 10.9 7.5 11.3

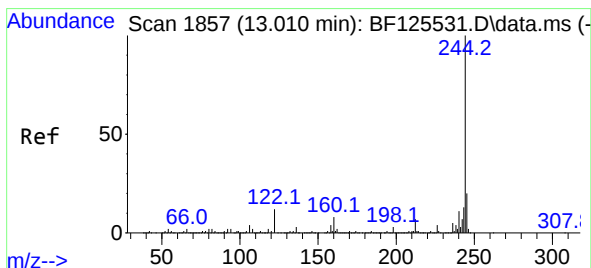
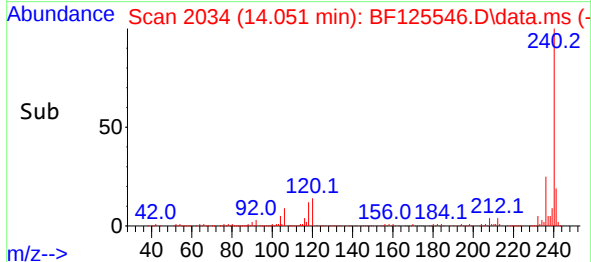
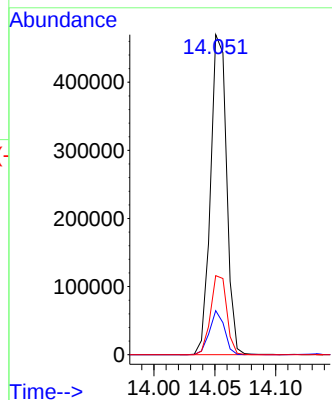
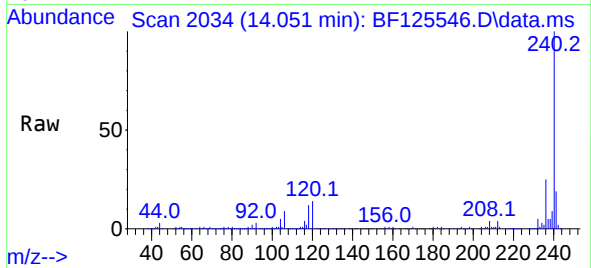




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.012 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

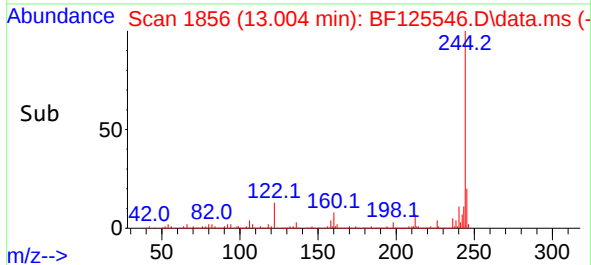
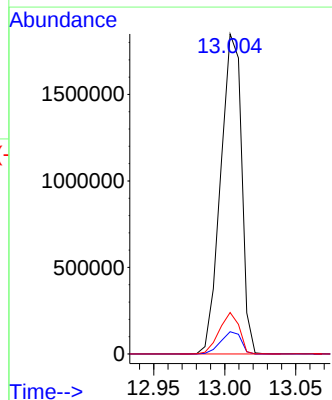
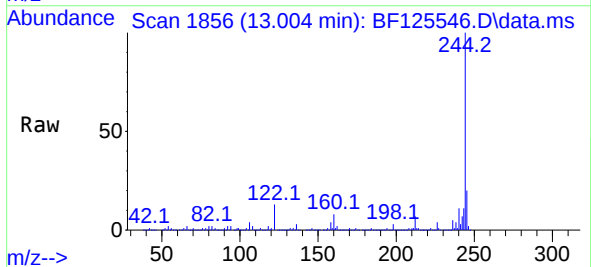
Instrument :  
BNA\_F  
ClientSampleId :  
SW-CB-04-(1.0)

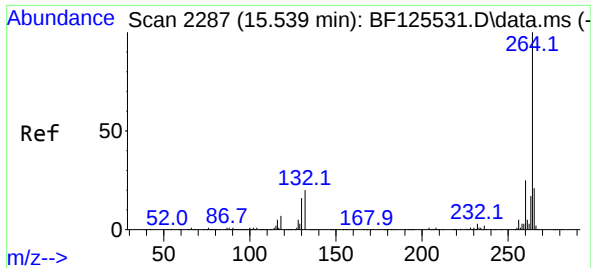
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Ion Ratio Lower Upper  
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120 13.7 10.8 16.2  
236 24.7 21.6 32.4



#79  
Terphenyl-d14  
Concen: 70.979 ng  
RT: 13.004 min Scan# 1856  
Delta R.T. -0.006 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

Tgt Ion:244 Resp: 1891234  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.9 8.9  
122 13.0 9.0 13.4





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.533 min Scan# 2286  
Delta R.T. -0.006 min  
Lab File: BF125546.D  
Acq: 21 Sep 2021 20:44

Instrument :  
BNA\_F  
ClientSampleId :  
SW-CB-04-(1.0)

Tgt Ion:264 Resp: 409709  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.6 29.4  
265 21.2 17.2 25.8

