

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090721\  
 Data File : BF125394.D  
 Acq On : 7 Sep 2021 18:39  
 Operator : JU/CG  
 Sample : M3655-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CON-B

Quant Time: Sep 08 12:19:13 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  | 133198   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 460972   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.933  | 164  | 213480   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.422 | 188  | 338952   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.063 | 240  | 334700   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.557 | 264  | 358142   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 25722    | 2.923  | ng    | 0.00     |
| 7) Phenol-d6                | 6.522  | 99   | 406575   | 35.723 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 618105   | 67.505 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 0.000  | 330  | 0        | 0.000  | ng    |          |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 1055699  | 68.923 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 1090910  | 51.925 | ng    | 0.00     |

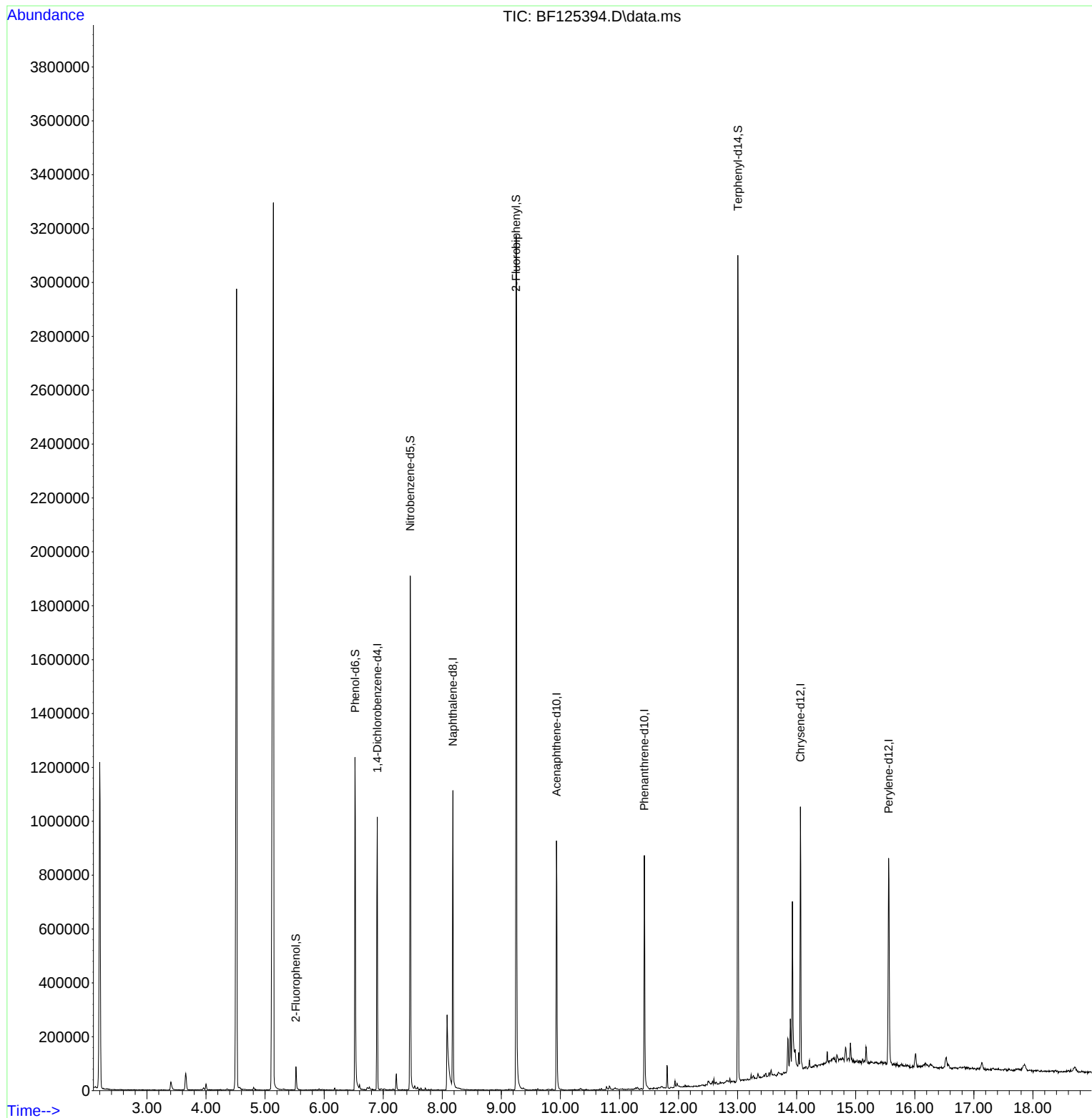
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

(#) = 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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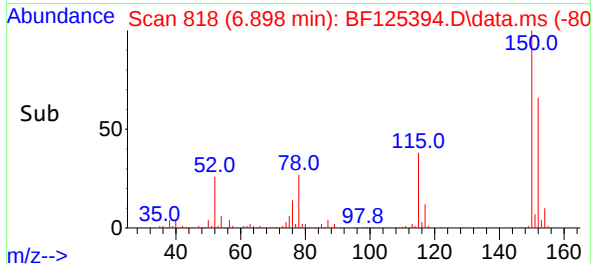
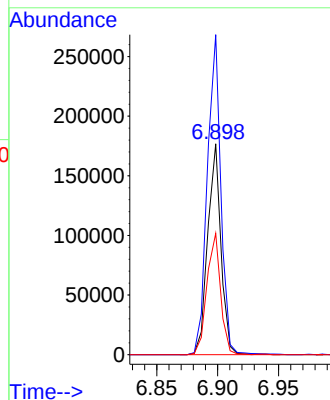
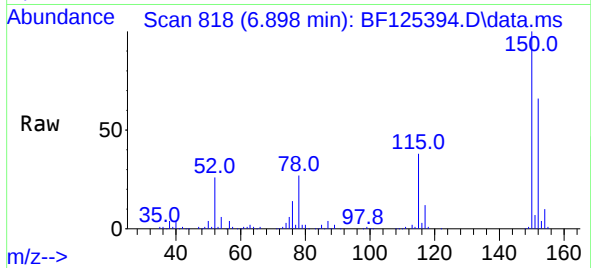




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF125394.D  
Acq: 7 Sep 2021 18:39

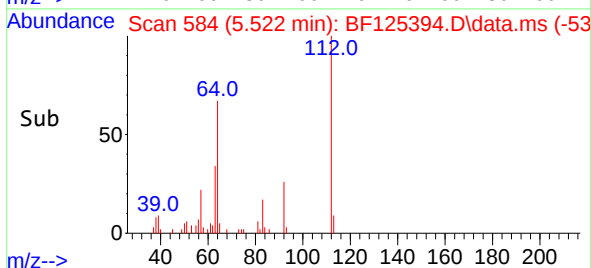
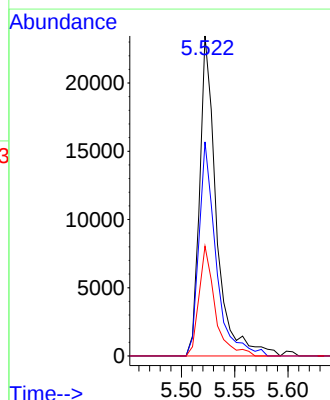
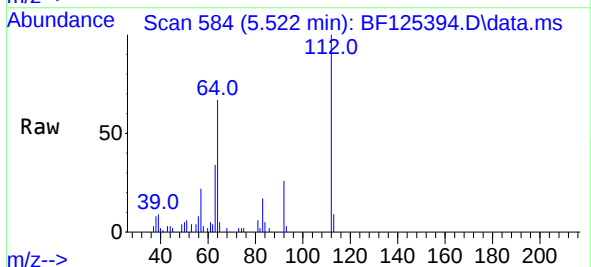
Instrument :  
BNA\_F  
ClientSampled :  
CON-B

Tgt Ion:152 Resp: 133198  
Ion Ratio Lower Upper  
152 100  
150 151.7 117.6 176.4  
115 57.5 47.1 70.7



#5  
2-Fluorophenol  
Concen: 2.923 ng  
RT: 5.522 min Scan# 584  
Delta R.T. 0.000 min  
Lab File: BF125394.D  
Acq: 7 Sep 2021 18:39

Tgt Ion:112 Resp: 25722  
Ion Ratio Lower Upper  
112 100  
64 66.9 44.2 66.2#  
63 34.3 26.2 39.2

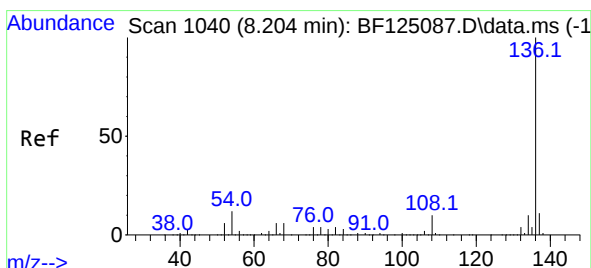
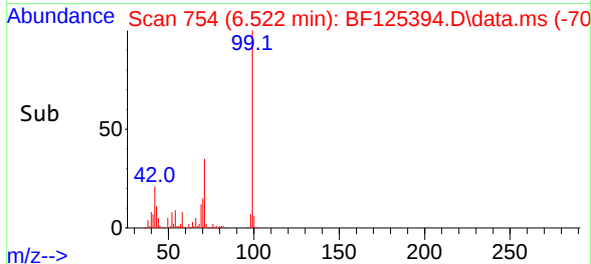
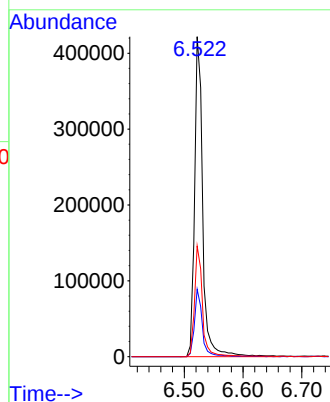
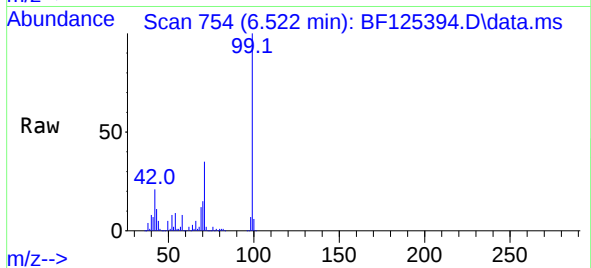




#7  
Phenol-d6  
Concen: 35.723 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.012 min  
Lab File: BF125394.D  
Acq: 7 Sep 2021 18:39

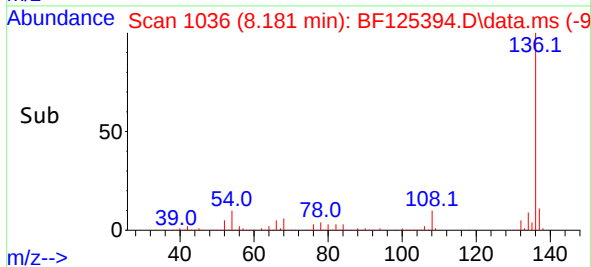
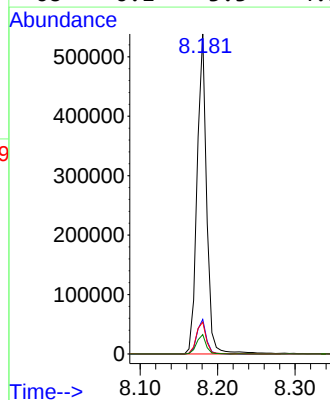
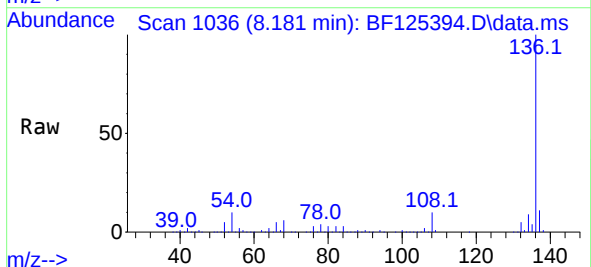
Instrument :  
BNA\_F  
ClientSampled :  
CON-B

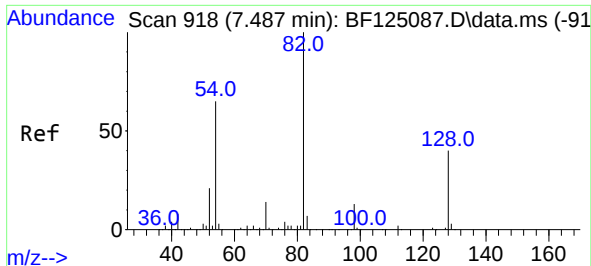
Tgt Ion: 99 Resp: 406575  
Ion Ratio Lower Upper  
99 100  
42 21.1 23.5 35.3#  
71 34.6 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF125394.D  
Acq: 7 Sep 2021 18:39

Tgt Ion: 136 Resp: 460972  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.8 14.6  
54 10.0 6.4 9.6#  
68 6.1 3.3 4.9#

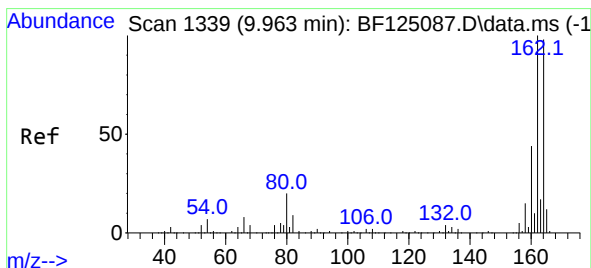
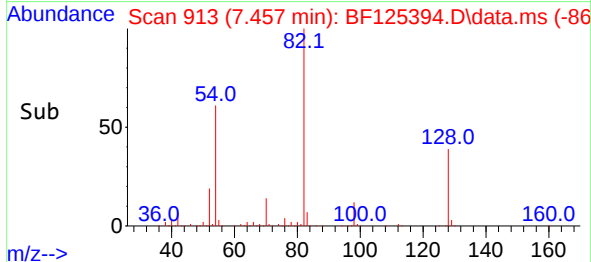
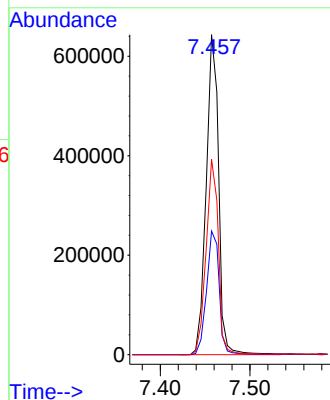
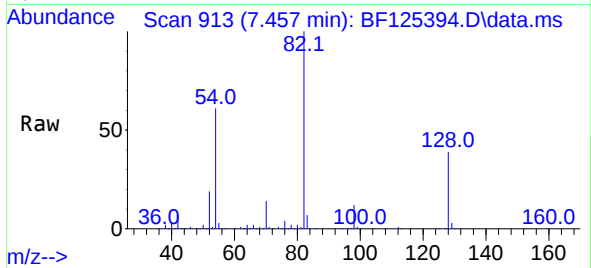




#23  
Nitrobenzene-d5  
Concen: 67.505 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.012 min  
Lab File: BF125394.D  
Acq: 7 Sep 2021 18:39

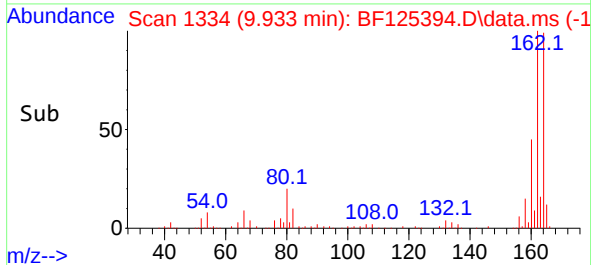
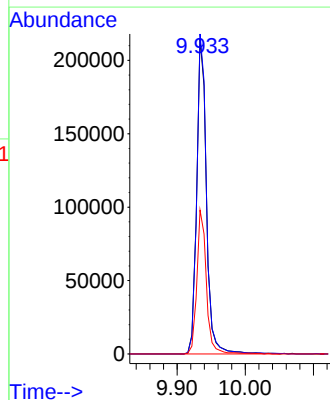
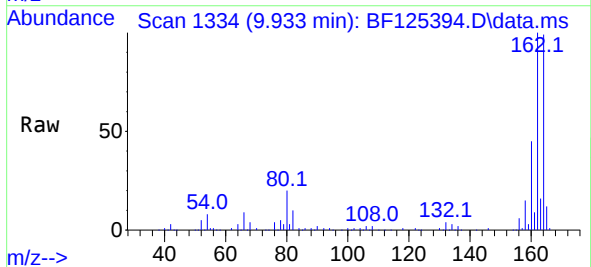
Instrument :  
BNA\_F  
ClientSampled :  
CON-B

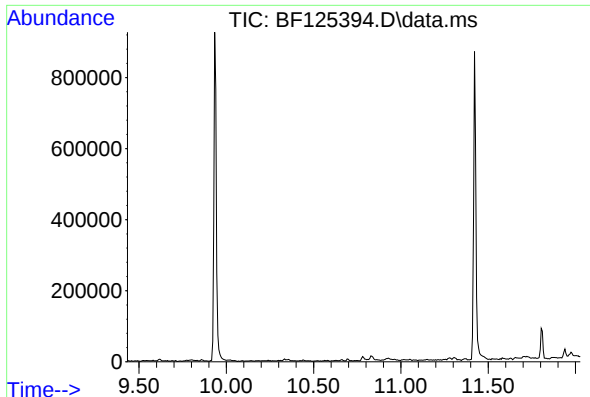
Tgt Ion: 82 Resp: 618105  
Ion Ratio Lower Upper  
82 100  
128 38.7 40.6 60.8#  
54 61.1 49.6 74.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF125394.D  
Acq: 7 Sep 2021 18:39

Tgt Ion: 164 Resp: 213480  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.3 121.9  
160 45.6 38.0 57.0



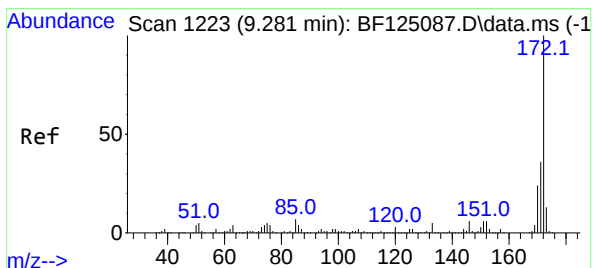
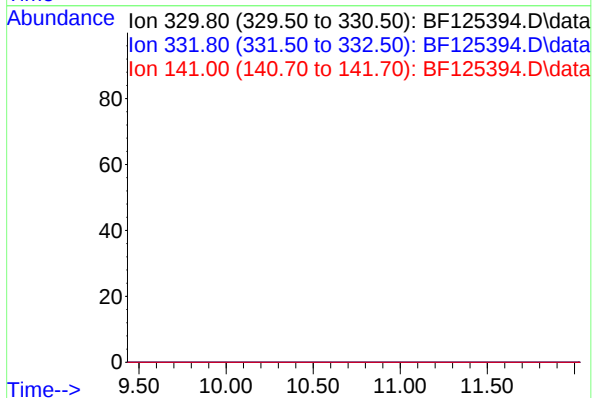


#42  
2,4,6-Tribromophenol  
Concen: 0.000 ng  
Expected RT: 10.73 min

Lab File: BF125394.D  
Acq: 7 Sep 2021 18:39

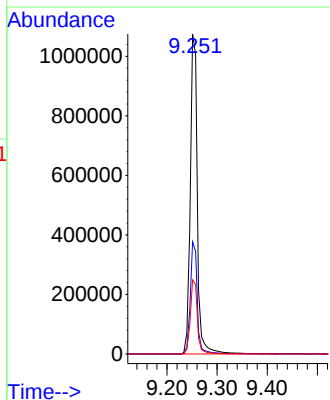
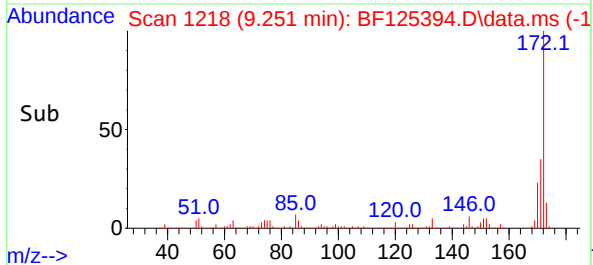
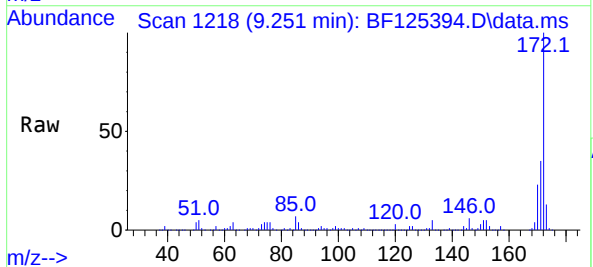
Tgt Ion: 330  
Sig Exp Ratio  
330 100  
332 95.3  
141 55.7

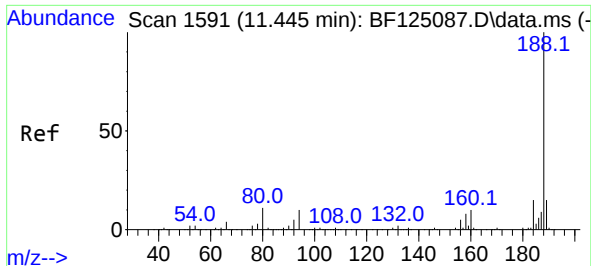
Instrument :  
BNA\_F  
ClientSampleId :  
CON-B



#45  
2-Fluorobiphenyl  
Concen: 68.923 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.006 min  
Lab File: BF125394.D  
Acq: 7 Sep 2021 18:39

Tgt Ion: 172 Resp: 1055699  
Ion Ratio Lower Upper  
172 100  
171 35.1 26.5 39.7  
170 23.1 18.8 28.2

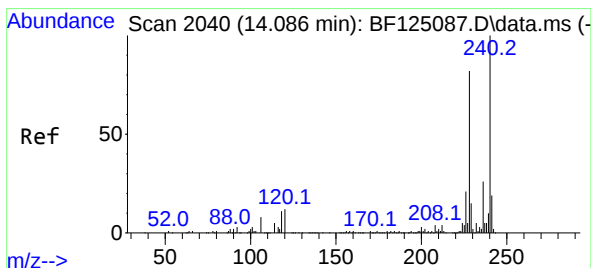
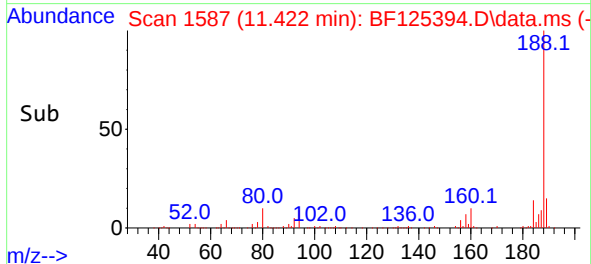
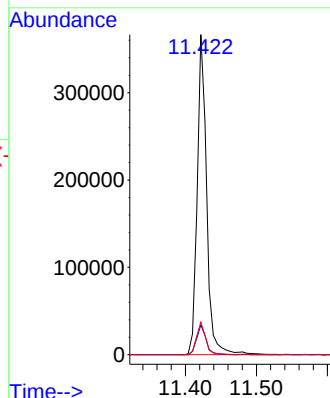
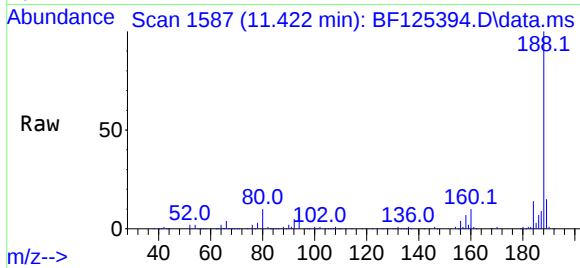




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 1587  
Delta R.T. -0.006 min  
Lab File: BF125394.D  
Acq: 7 Sep 2021 18:39

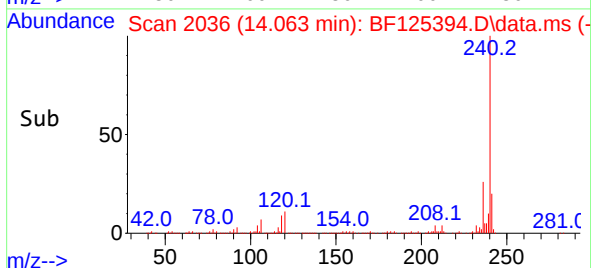
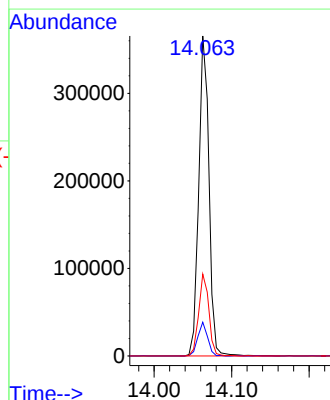
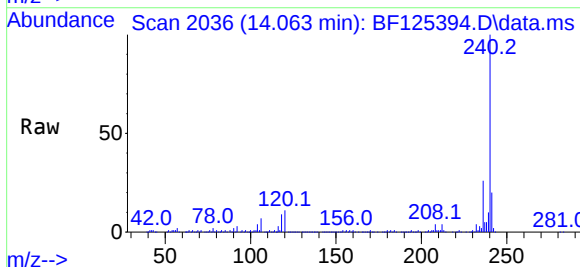
Instrument :  
BNA\_F  
ClientSampleId :  
CON-B

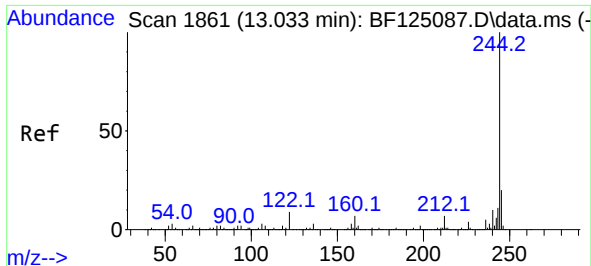
Tgt Ion:188 Resp: 338952  
Ion Ratio Lower Upper  
188 100  
94 9.2 6.7 10.1  
80 10.2 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2036  
Delta R.T. -0.006 min  
Lab File: BF125394.D  
Acq: 7 Sep 2021 18:39

Tgt Ion:240 Resp: 334700  
Ion Ratio Lower Upper  
240 100  
120 10.5 10.8 16.2#  
236 25.6 21.6 32.4

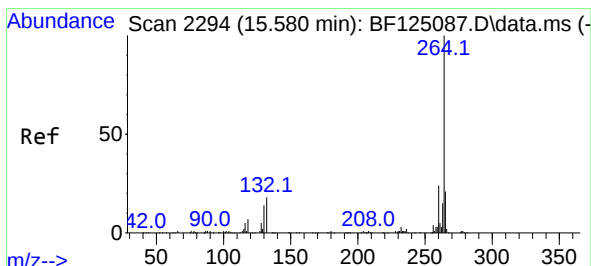
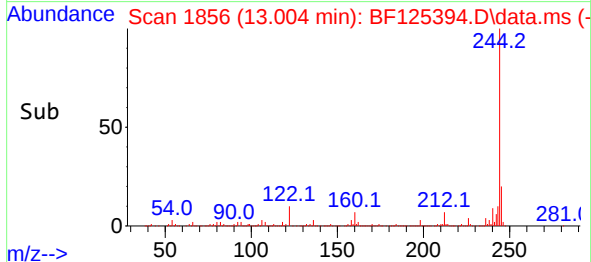
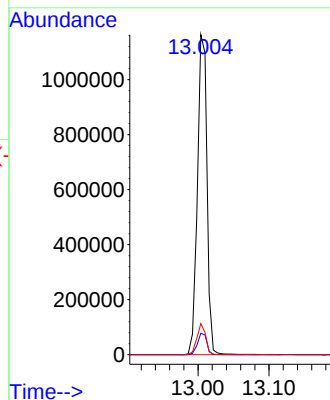
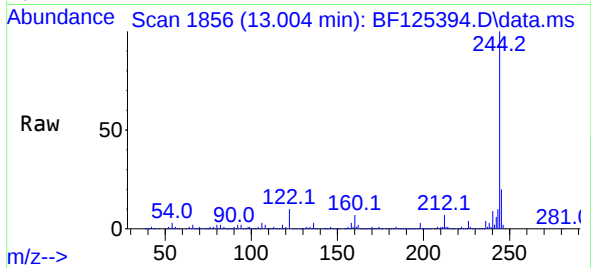




#79  
Terphenyl-d14  
Concen: 51.925 ng  
RT: 13.004 min Scan# 1856  
Delta R.T. -0.006 min  
Lab File: BF125394.D  
Acq: 7 Sep 2021 18:39

Instrument :  
BNA\_F  
ClientSampleId :  
CON-B

Tgt Ion:244 Resp: 1090910  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.9 8.9  
122 9.7 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: BF125394.D  
Acq: 7 Sep 2021 18:39

Tgt Ion:264 Resp: 358142  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.6 29.4  
265 21.2 17.2 25.8

