

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090121\  
 Data File : BF125306.D  
 Acq On : 1 Sep 2021 14:59  
 Operator : JU/CG  
 Sample : M3561-19  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EB-082621

Quant Time: Sep 02 08:15:32 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  | 163330   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.192  | 136  | 640519   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.945  | 164  | 354699   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.433 | 188  | 684401   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.080 | 240  | 591799   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.574 | 264  | 488864   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 216845   | 20.095 | ng    | -0.01    |
| 7) Phenol-d6                | 6.528  | 99   | 183218   | 13.128 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.469  | 82   | 935265   | 73.511 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.733 | 330  | 242705   | 68.548 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.269  | 172  | 1694671  | 66.589 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.021 | 244  | 2289955  | 61.644 | ng    | 0.00     |

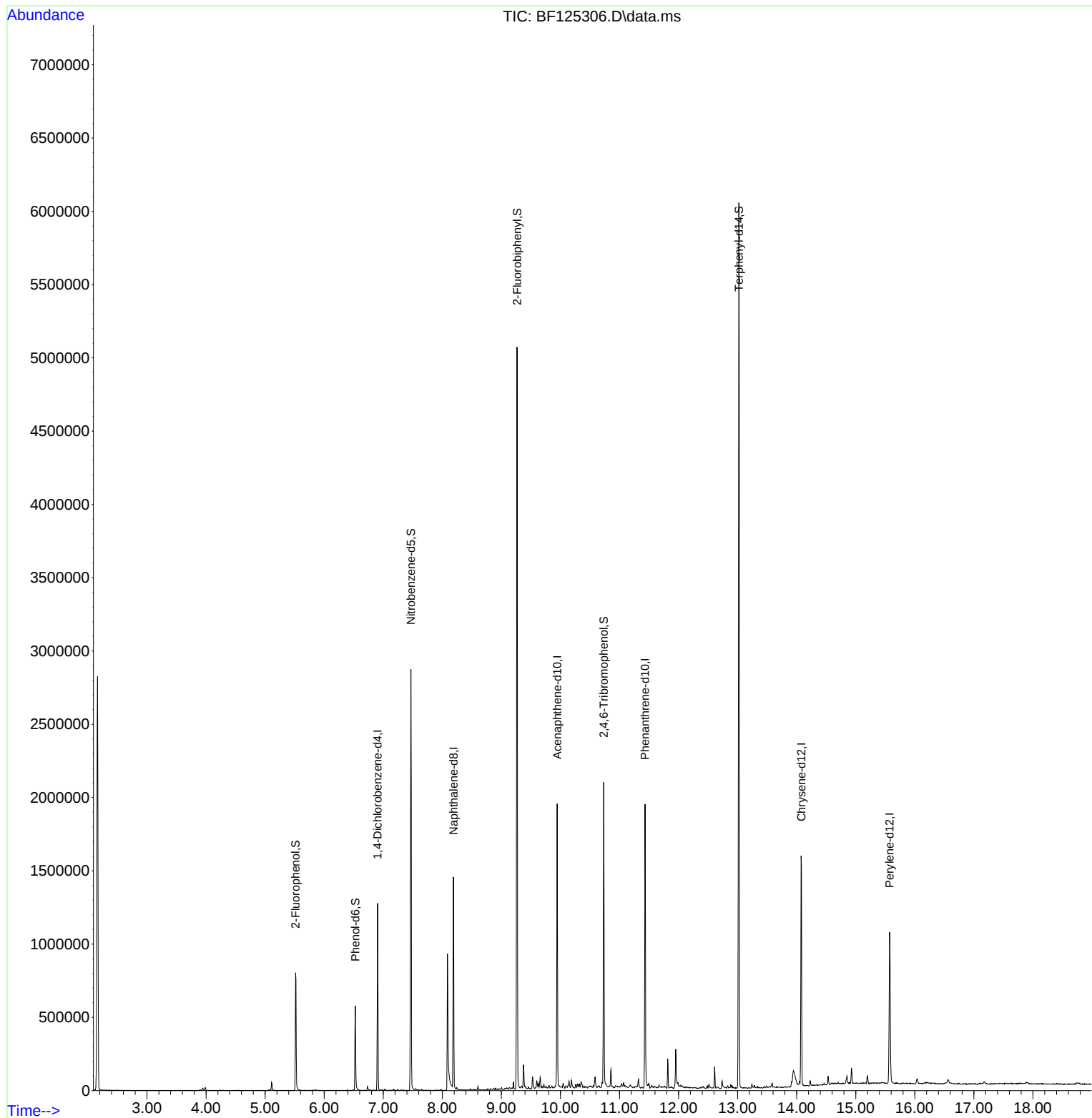
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

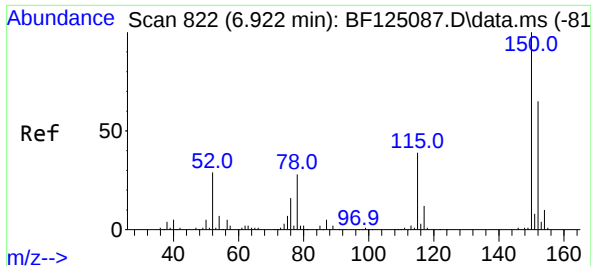
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 02 08:15:32 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

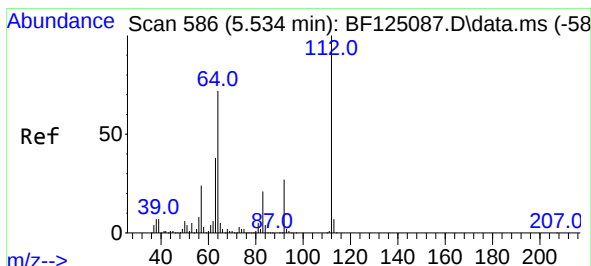
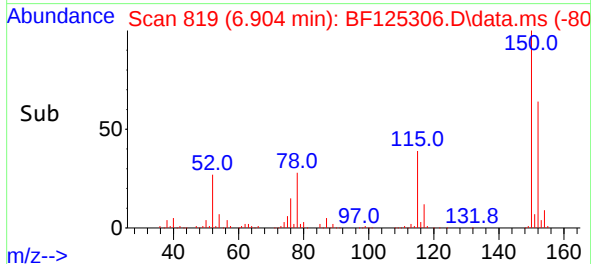
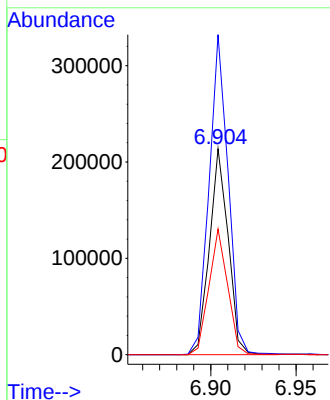
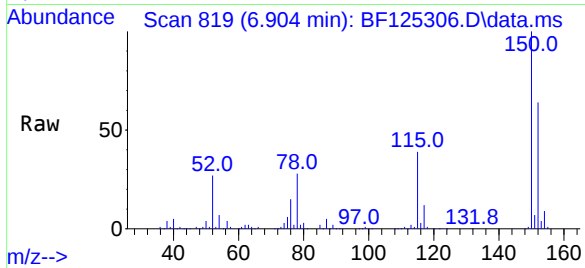




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.904 min Scan# 819  
Delta R.T. -0.012 min  
Lab File: BF125306.D  
Acq: 1 Sep 2021 14:59

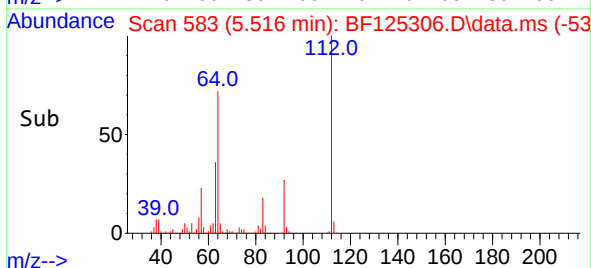
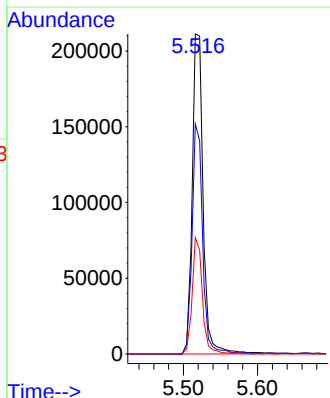
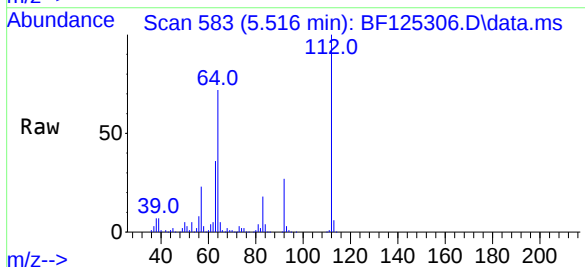
Instrument :  
BNA\_F  
ClientSampled :  
EB-082621

Tgt Ion:152 Resp: 163330  
Ion Ratio Lower Upper  
152 100  
150 155.4 117.6 176.4  
115 61.0 47.1 70.7



#5  
2-Fluorophenol  
Concen: 20.095 ng  
RT: 5.516 min Scan# 583  
Delta R.T. -0.012 min  
Lab File: BF125306.D  
Acq: 1 Sep 2021 14:59

Tgt Ion:112 Resp: 216845  
Ion Ratio Lower Upper  
112 100  
64 71.9 44.2 66.2#  
63 36.3 26.2 39.2

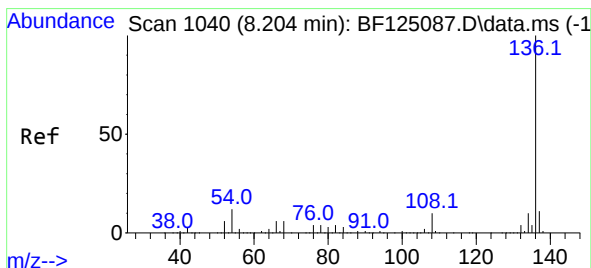
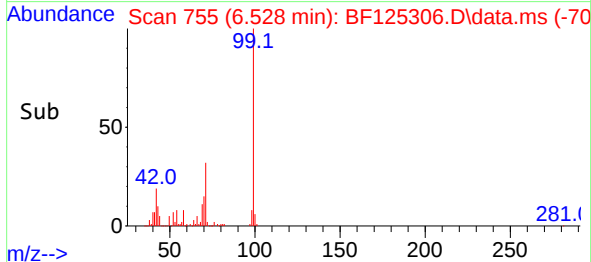
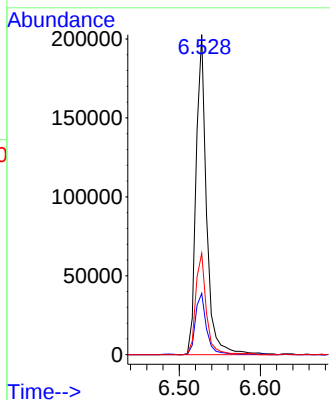
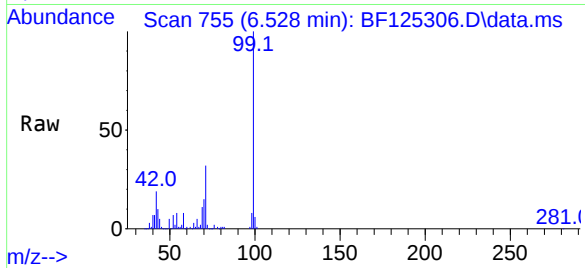




#7  
Phenol-d6  
Concen: 13.128 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.012 min  
Lab File: BF125306.D  
Acq: 1 Sep 2021 14:59

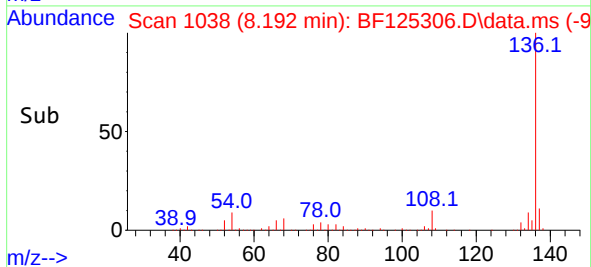
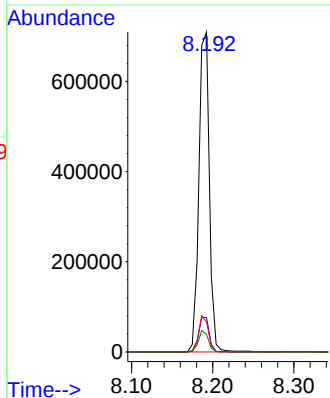
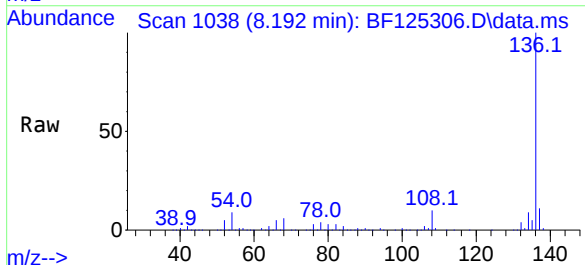
Instrument :  
BNA\_F  
ClientSampleId :  
EB-082621

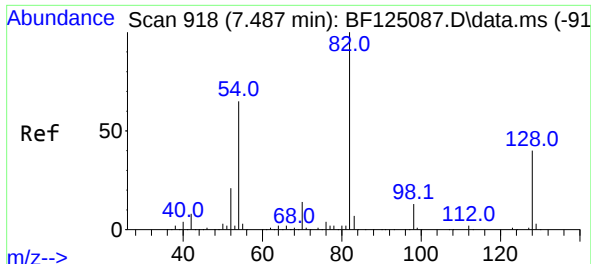
Tgt Ion: 99 Resp: 183218  
Ion Ratio Lower Upper  
99 100  
42 19.2 23.5 35.3#  
71 31.7 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BF125306.D  
Acq: 1 Sep 2021 14:59

Tgt Ion: 136 Resp: 640519  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.8 14.6  
54 9.3 6.4 9.6  
68 5.6 3.3 4.9#

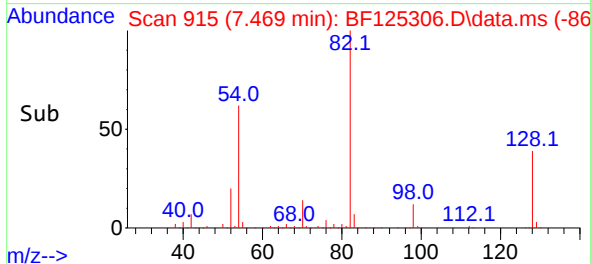
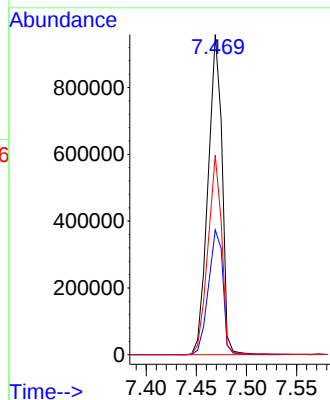
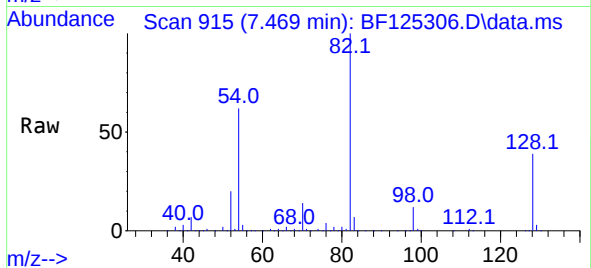




#23  
Nitrobenzene-d5  
Concen: 73.511 ng  
RT: 7.469 min Scan# 915  
Delta R.T. -0.012 min  
Lab File: BF125306.D  
Acq: 1 Sep 2021 14:59

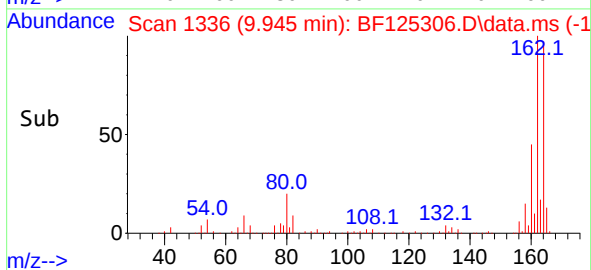
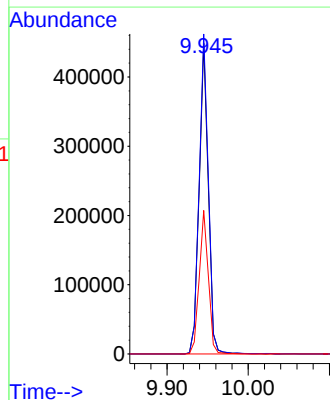
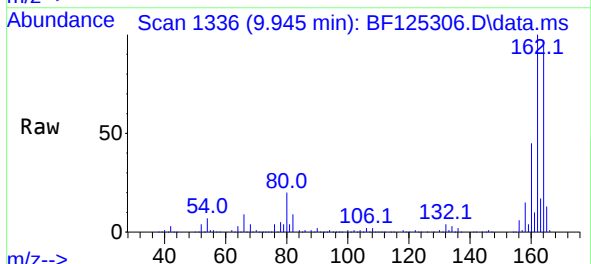
Instrument :  
BNA\_F  
ClientSampled :  
EB-082621

Tgt Ion: 82 Resp: 935265  
Ion Ratio Lower Upper  
82 100  
128 39.0 40.6 60.8#  
54 62.4 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: BF125306.D  
Acq: 1 Sep 2021 14:59

Tgt Ion:164 Resp: 354699  
Ion Ratio Lower Upper  
164 100  
162 103.0 81.3 121.9  
160 46.2 38.0 57.0

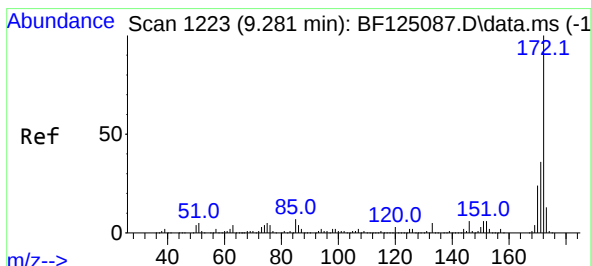
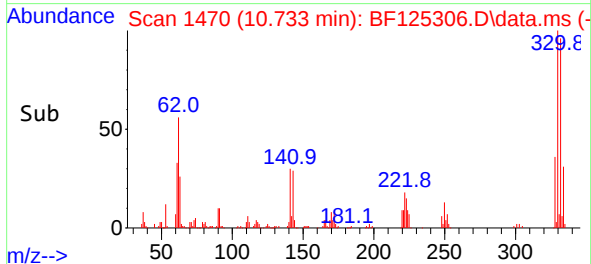
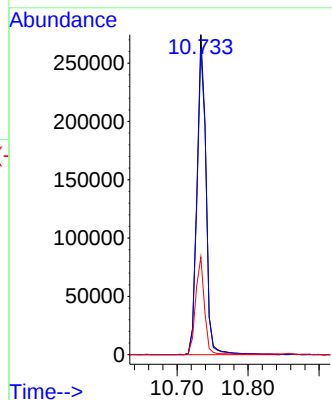
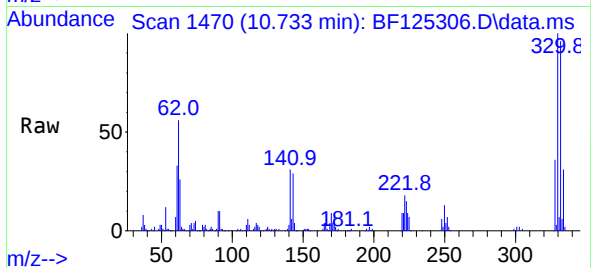




#42  
2,4,6-Tribromophenol  
Concen: 68.548 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. -0.006 min  
Lab File: BF125306.D  
Acq: 1 Sep 2021 14:59

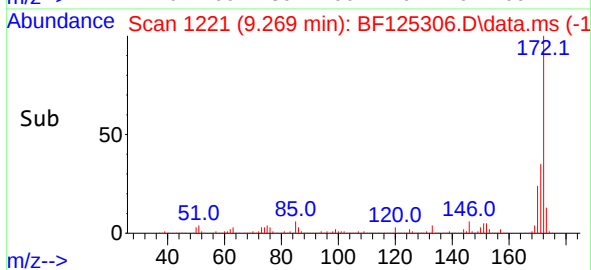
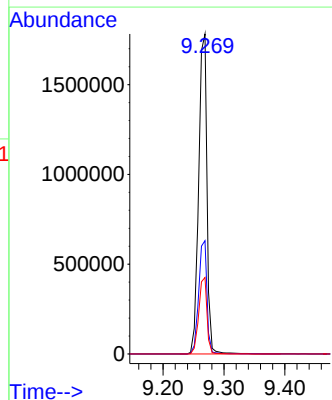
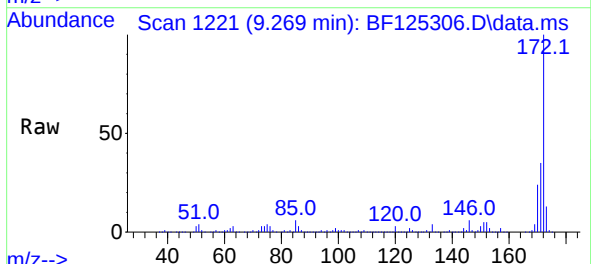
Instrument :  
BNA\_F  
ClientSampleId :  
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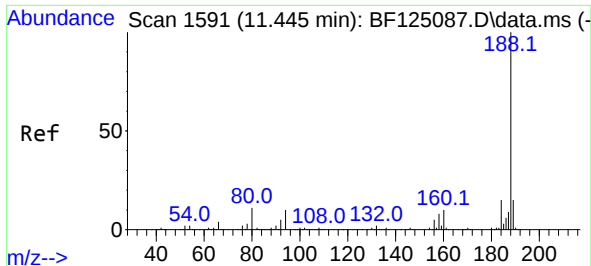
Tgt Ion:330 Resp: 242705  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.2 114.4  
141 30.0 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 66.589 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF125306.D  
Acq: 1 Sep 2021 14:59

Tgt Ion:172 Resp: 1694671  
Ion Ratio Lower Upper  
172 100  
171 35.4 26.5 39.7  
170 23.9 18.8 28.2

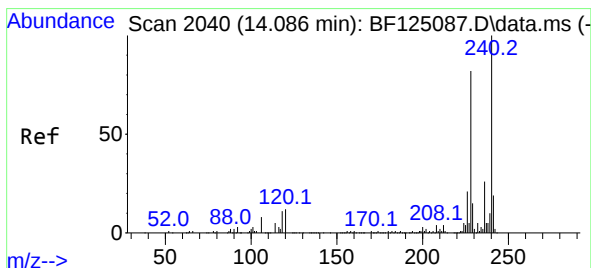
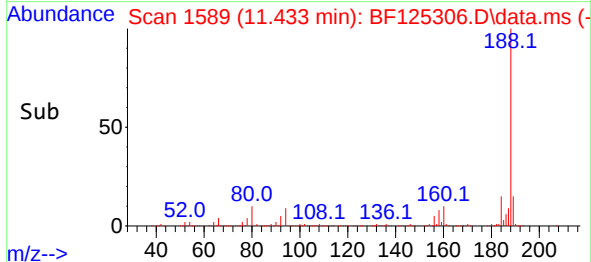
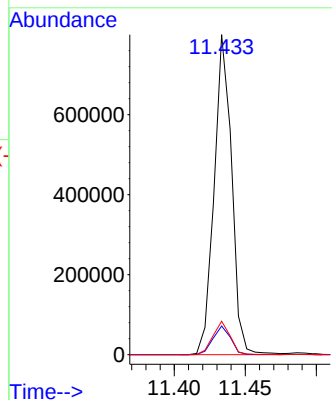
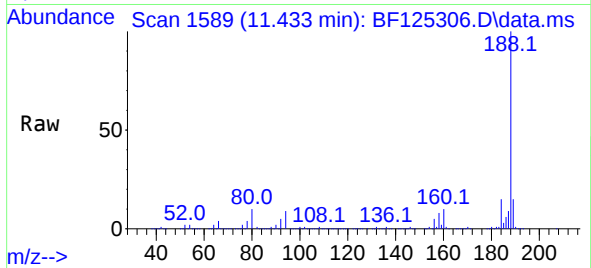




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF125306.D  
Acq: 1 Sep 2021 14:59

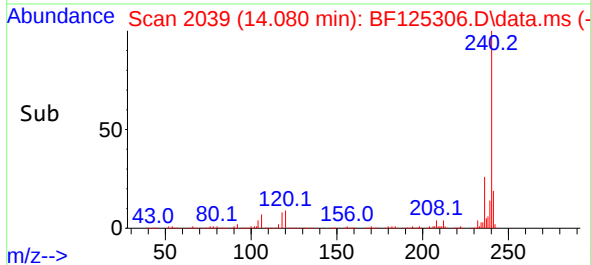
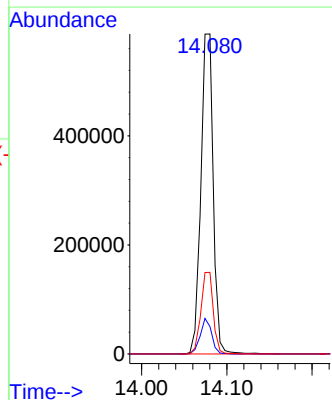
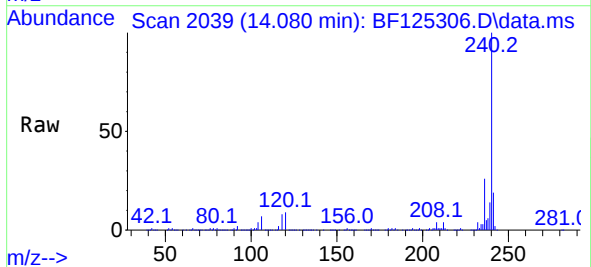
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:188 Resp: 684401  
Ion Ratio Lower Upper  
188 100  
94 9.0 6.7 10.1  
80 10.5 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: BF125306.D  
Acq: 1 Sep 2021 14:59

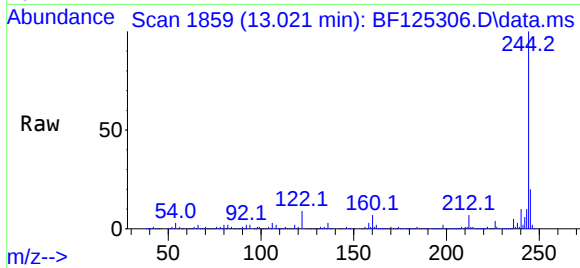
Tgt Ion:240 Resp: 591799  
Ion Ratio Lower Upper  
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120 8.6 10.8 16.2#  
236 25.5 21.6 32.4



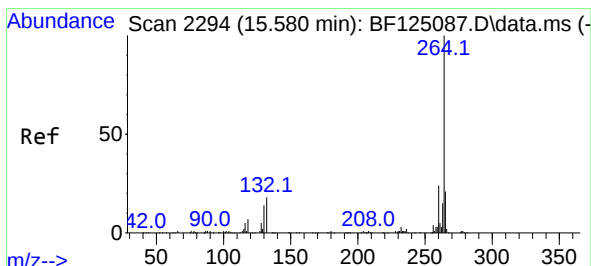
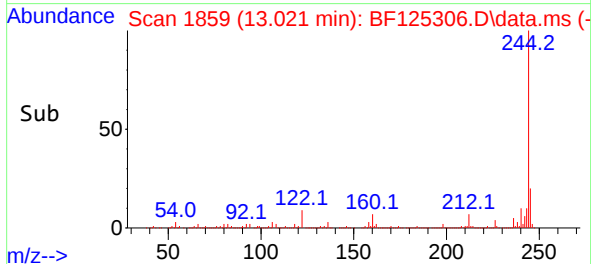
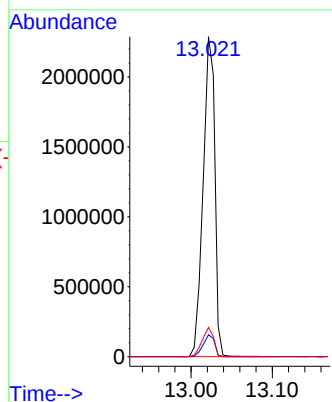


#79  
Terphenyl-d14  
Concen: 61.644 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. 0.000 min  
Lab File: BF125306.D  
Acq: 1 Sep 2021 14:59

Instrument :  
BNA\_F  
ClientSampleId :  
EB-082621



Tgt Ion:244 Resp: 2289955  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.9 8.9  
122 9.2 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: BF125306.D  
Acq: 1 Sep 2021 14:59

Tgt Ion:264 Resp: 488864  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.6 29.4  
265 21.5 17.2 25.8

