

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051521\  
 Data File : BF123948.D  
 Acq On : 15 May 2021 16:49  
 Operator : JU/CG  
 Sample : M2392-20  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07-COMP

Quant Time: May 16 05:20:20 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 19:05:57 2021  
 Response via : Initial Calibration

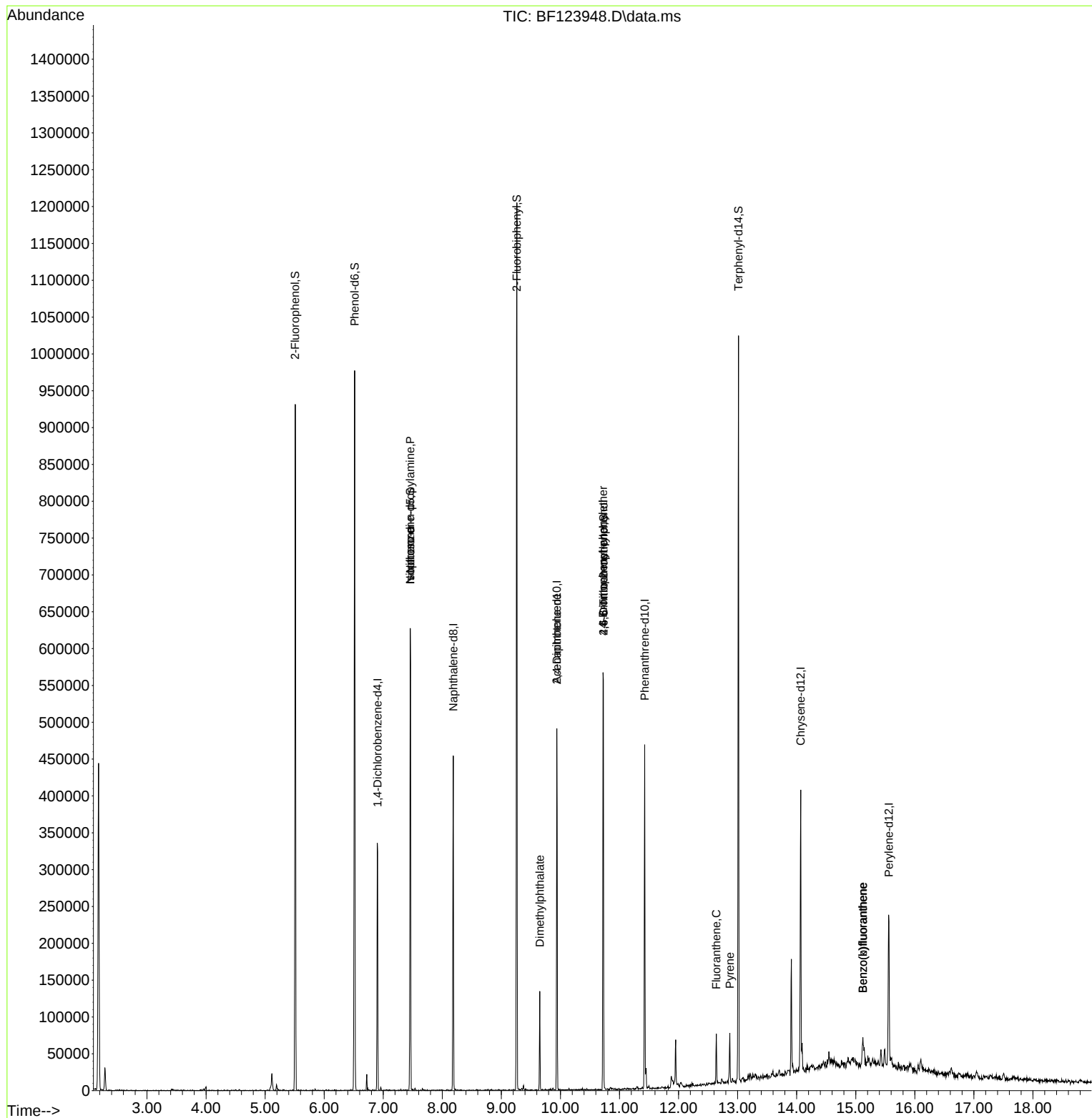
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 41580    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.186  | 136  | 159454   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.939  | 164  | 87103    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 134288   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.068 | 240  | 107524   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.562 | 264  | 87465    | 20.00 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 192860   | 65.12 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 256680   | 66.81 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 183475   | 49.58 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 58365    | 55.79 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 323081   | 45.64 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.016 | 244  | 276114   | 38.89 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.457  | 70   | 25007    | 9.63  | ng    | # 78     |
| 25) Isophorone                | 7.457  | 82   | 183470   | 25.77 | ng    | # 69     |
| 50) Dimethylphthalate         | 9.651  | 163  | 39478    | 5.68  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 9.939  | 165  | 10980    | 6.36  | ng    | # 19     |
| 65) 4,6-Dinitro-2-methylph... | 10.727 | 198  | 396      | 5.84  | ng    | # 64     |
| 67) 4-Bromophenyl-phenylether | 10.722 | 248  | 3910     | 2.22  | ng    | # 1      |
| 75) Fluoranthene              | 12.639 | 202  | 22694    | 2.58  | ng    | 98       |
| 78) Pyrene                    | 12.869 | 202  | 22117    | 2.32  | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 20598    | 3.04  | ng    | # 89     |
| 89) Benzo(k)fluoranthene      | 15.121 | 252  | 20598    | 3.34  | ng    | # 89     |
| -----                         |        |      |          |       |       |          |

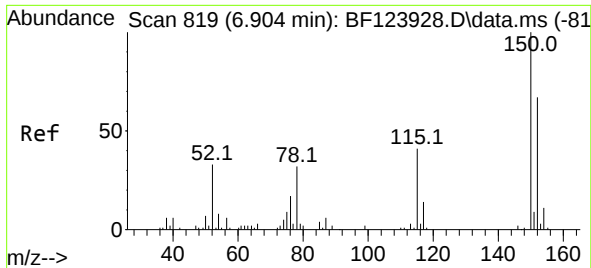
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 14 19:05:57 2021  
Response via : Initial Calibration

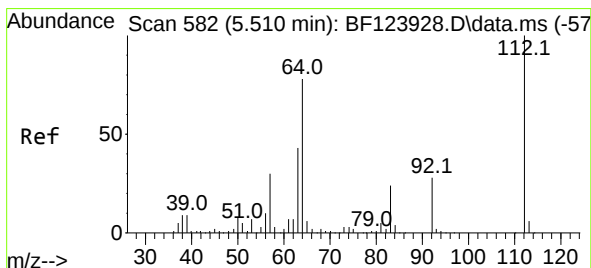
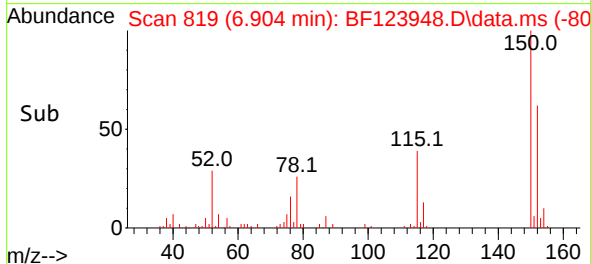
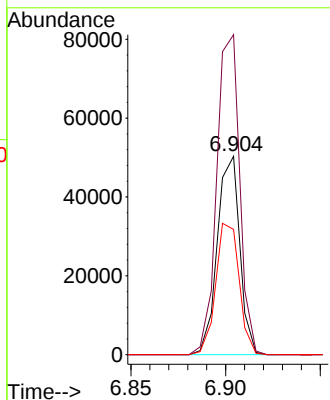
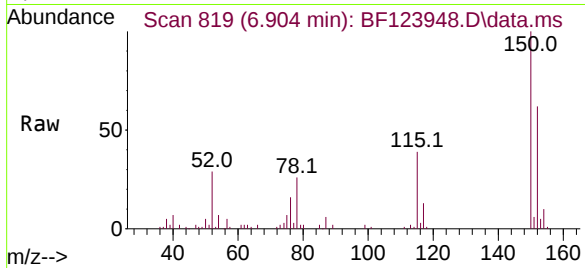




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.904 min Scan# 819  
 Delta R.T. 0.000 min  
 Lab File: BF123948.D  
 Acq: 15 May 2021 16:49

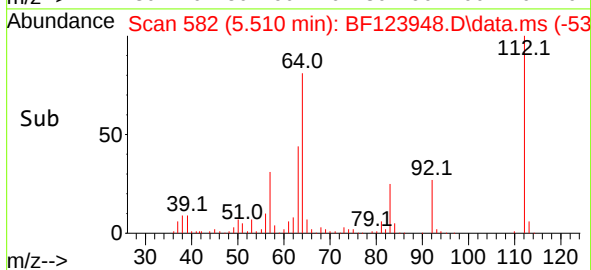
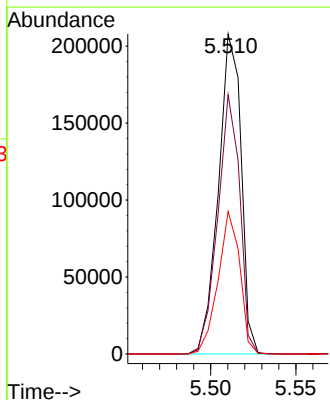
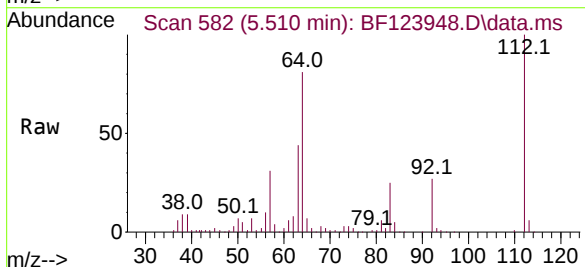
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-07-COMP

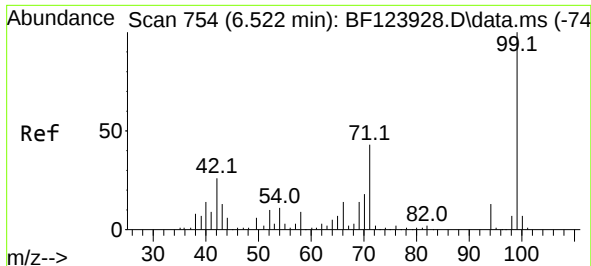
Tgt Ion:152 Resp: 41580  
 Ion Ratio Lower Upper  
 152 100  
 150 161.2 127.0 190.6  
 115 63.1 54.3 81.5



#5  
 2-Fluorophenol  
 Concen: 65.12 ng  
 RT: 5.510 min Scan# 582  
 Delta R.T. 0.000 min  
 Lab File: BF123948.D  
 Acq: 15 May 2021 16:49

Tgt Ion:112 Resp: 192860  
 Ion Ratio Lower Upper  
 112 100  
 64 81.0 61.4 92.0  
 63 44.5 33.0 49.4

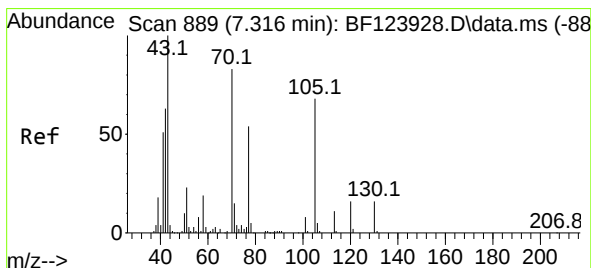
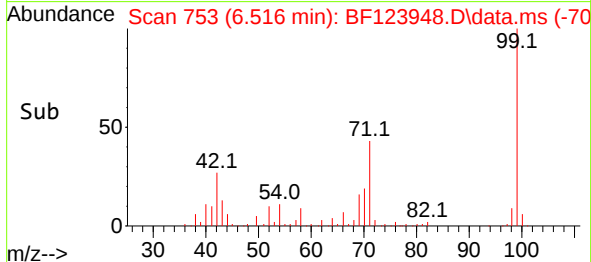
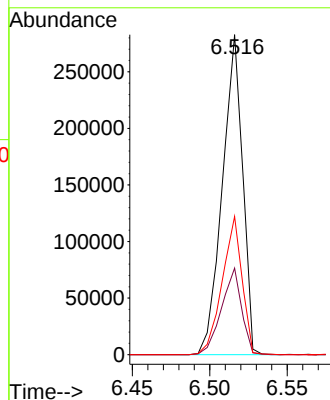
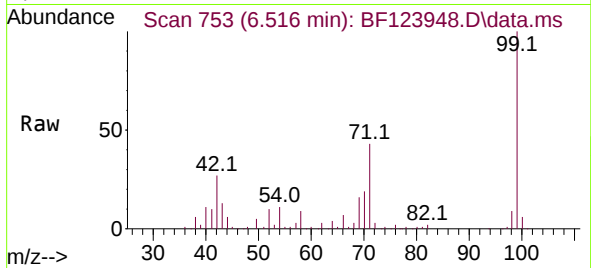




#7  
Phenol-d6  
Concen: 66.81 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

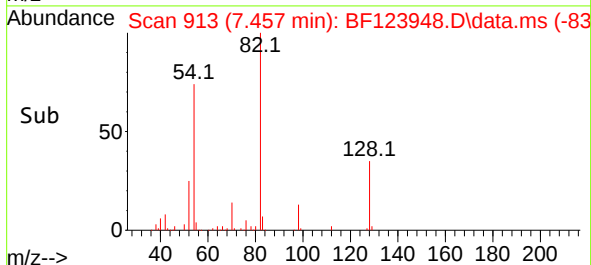
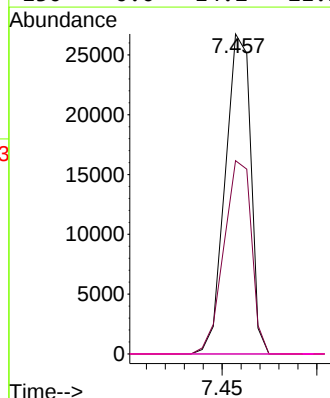
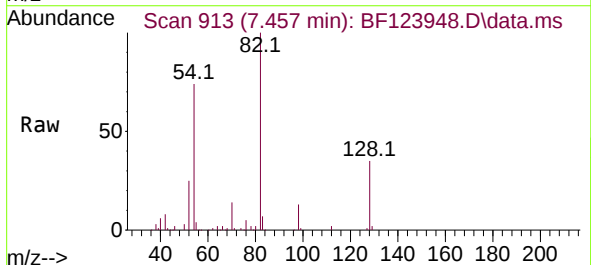
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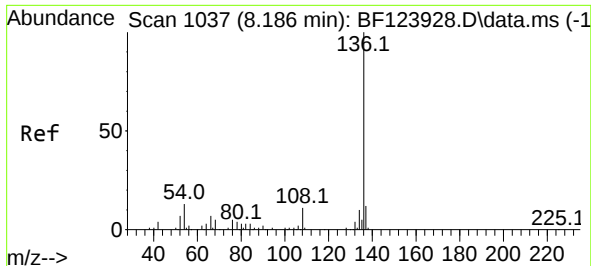
Tgt Ion: 99 Resp: 256680  
Ion Ratio Lower Upper  
99 100  
42 27.0 19.8 29.8  
71 43.2 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 9.63 ng  
RT: 7.457 min Scan# 913  
Delta R.T. 0.141 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

Tgt Ion: 70 Resp: 25007  
Ion Ratio Lower Upper  
70 100  
42 60.4 60.1 90.1  
101 0.0 7.4 11.2#  
130 0.0 14.2 21.2#

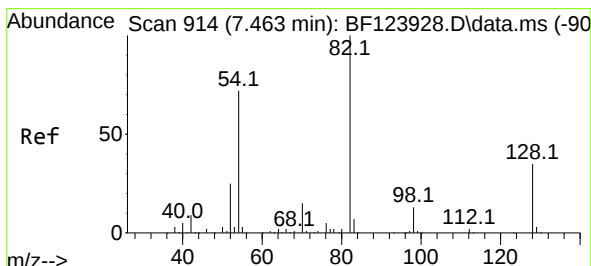
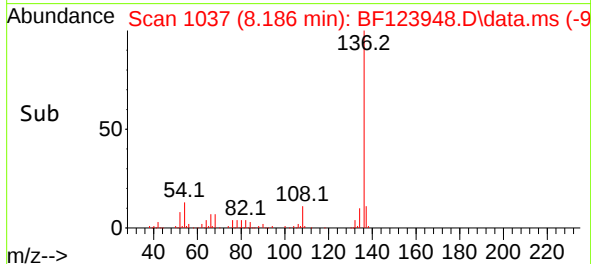
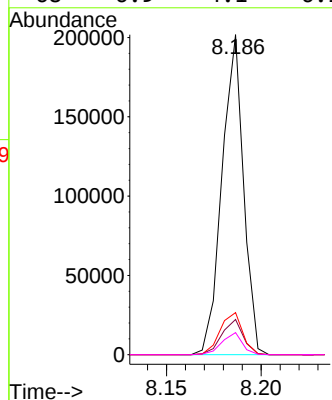
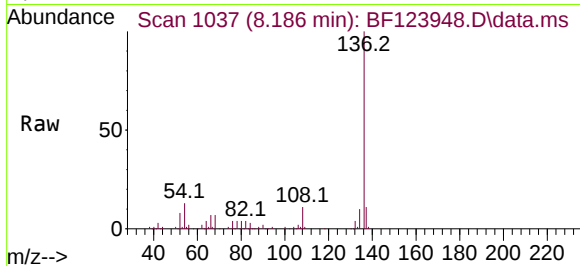




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.186 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

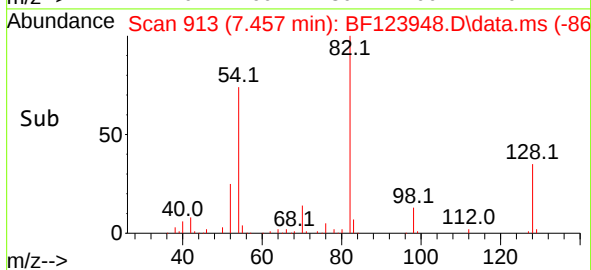
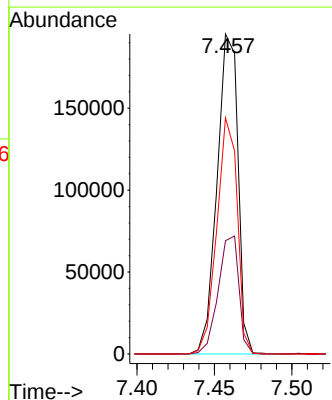
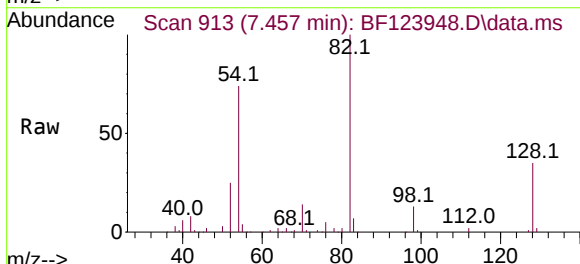
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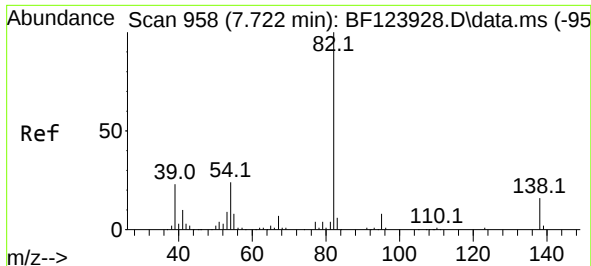
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 159454 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.7   | 13.1   |
| 54        | 13.2  | 9.8   | 14.6   |
| 68        | 6.9   | 4.1   | 6.1    |



#23  
Nitrobenzene-d5  
Concen: 49.58 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 183475 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 35.4  | 29.4  | 44.2   |
| 54        | 73.8  | 54.1  | 81.1   |

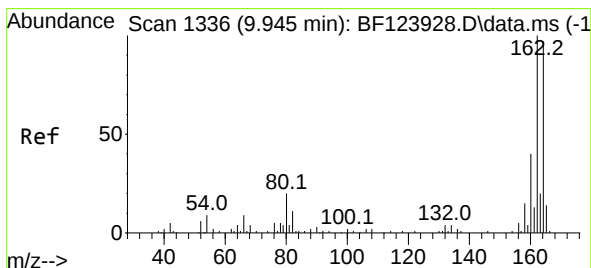
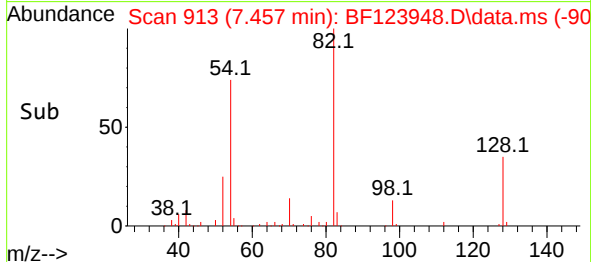
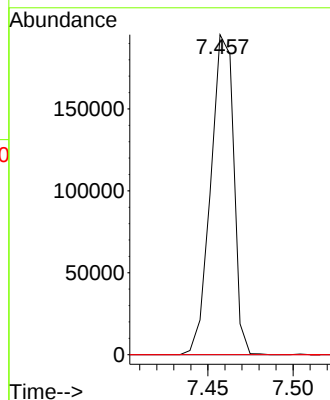
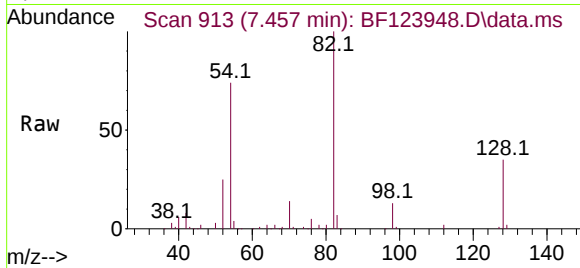




#25  
Isophorone  
Concen: 25.77 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.265 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

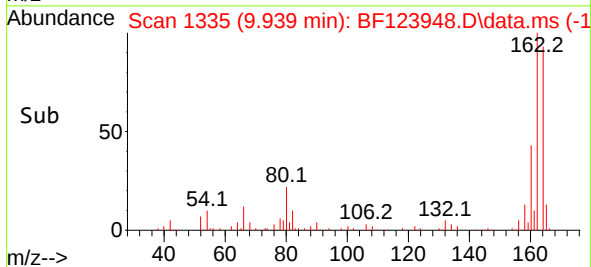
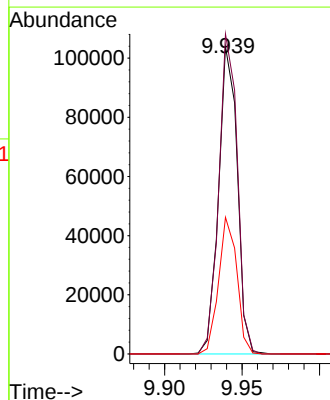
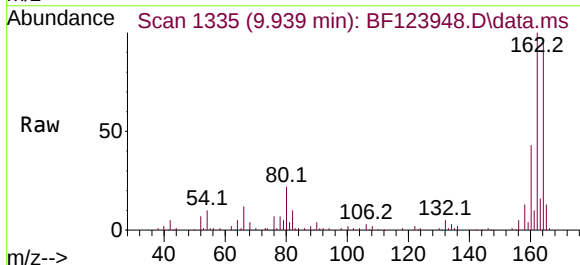
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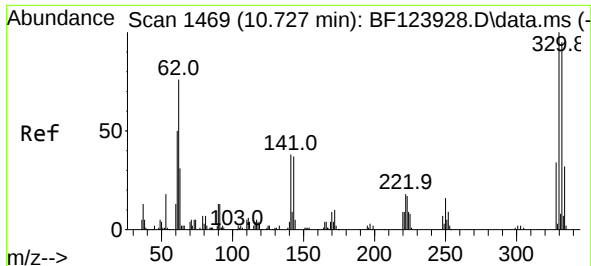
Tgt Ion: 82 Resp: 183470  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.006 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

Tgt Ion:164 Resp: 87103  
Ion Ratio Lower Upper  
164 100  
162 104.1 80.7 121.1  
160 44.5 37.3 55.9

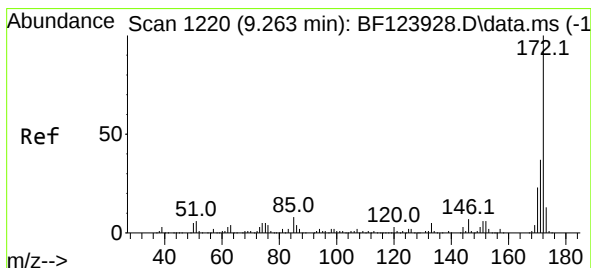
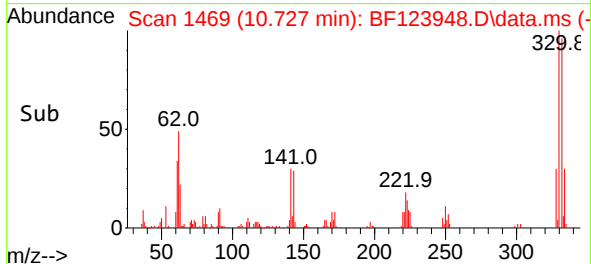
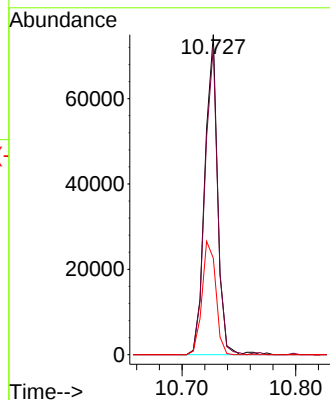
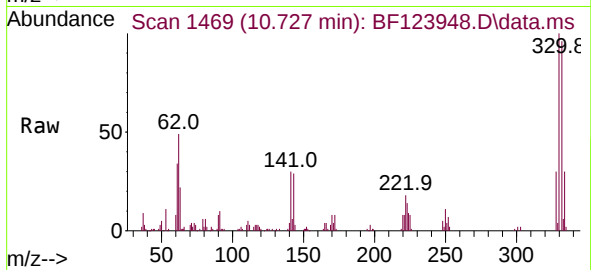




#42  
2,4,6-Tribromophenol  
Concen: 55.79 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

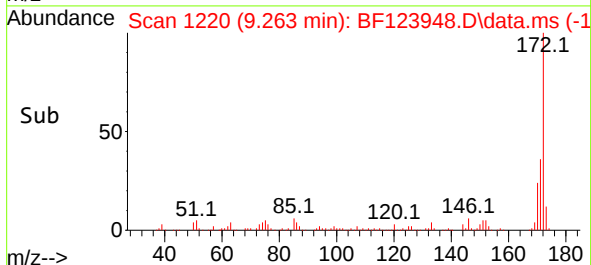
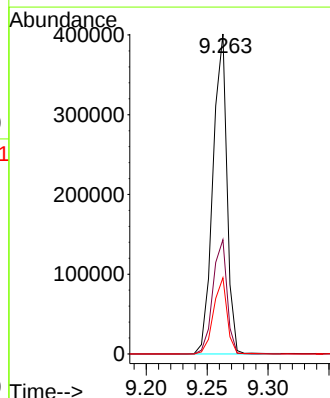
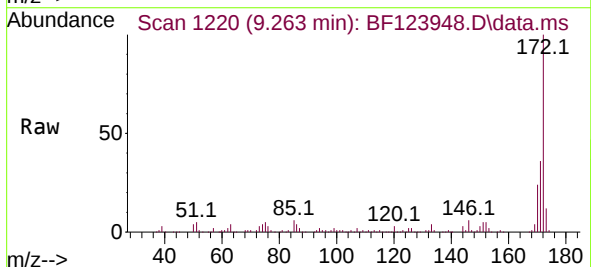
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-COMP

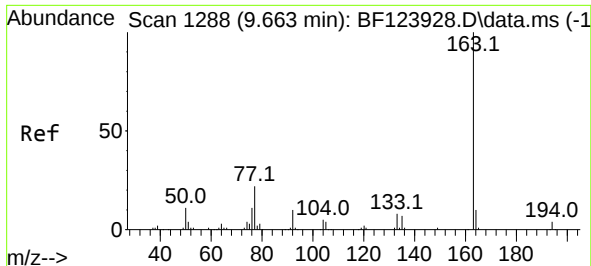
Tgt Ion: 330 Resp: 58365  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.1 115.7  
141 38.1 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 45.64 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. 0.000 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

Tgt Ion: 172 Resp: 323081  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.1 42.1  
170 23.8 19.2 28.8

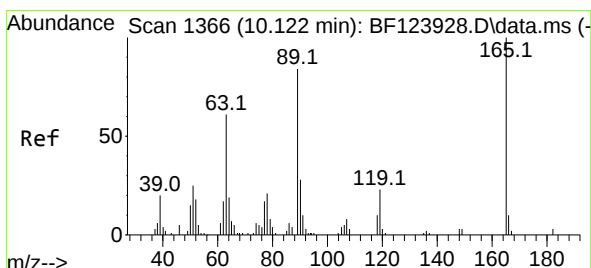
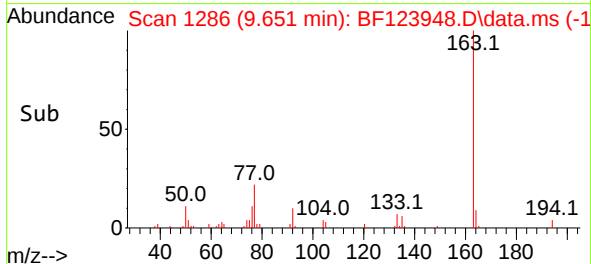
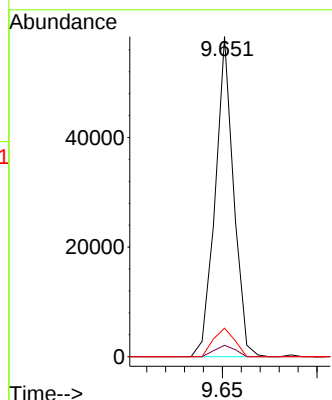
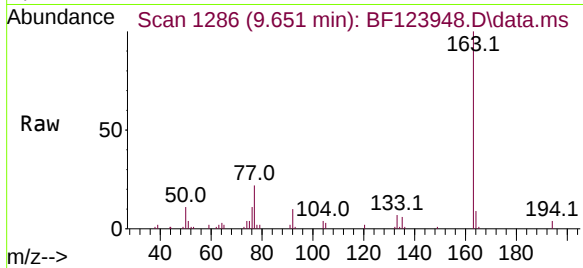




#50  
Dimethylphthalate  
Concen: 5.68 ng  
RT: 9.651 min Scan# 1286  
Delta R.T. -0.012 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

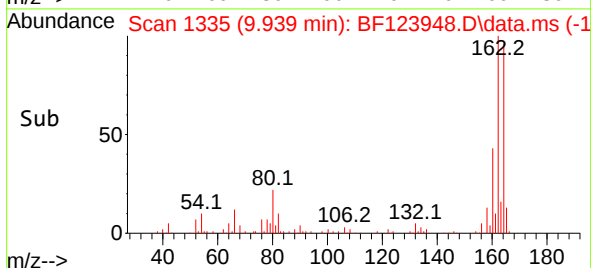
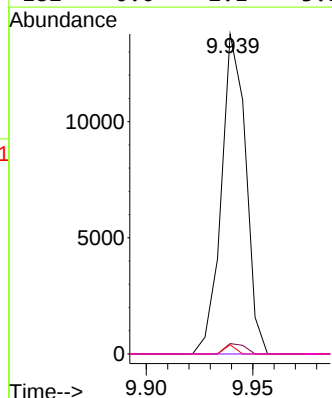
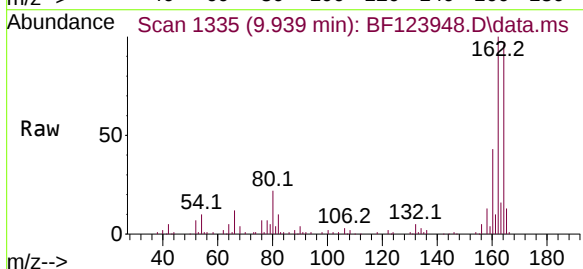
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-COMP

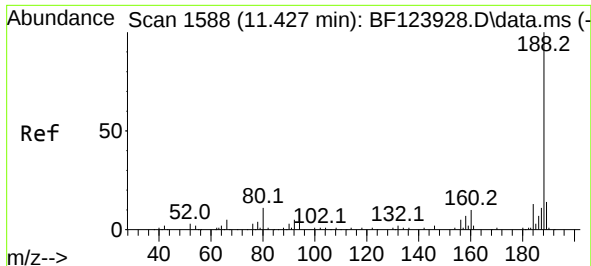
Tgt Ion:163 Resp: 39478  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.1 4.7  
164 8.9 8.2 12.2



#57  
2,4-Dinitrotoluene  
Concen: 6.36 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.182 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

Tgt Ion:165 Resp: 10980  
Ion Ratio Lower Upper  
165 100  
63 3.3 43.5 65.3#  
89 2.9 67.7 101.5#  
182 0.0 2.1 3.1#

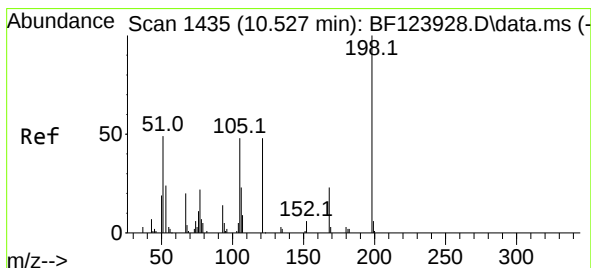
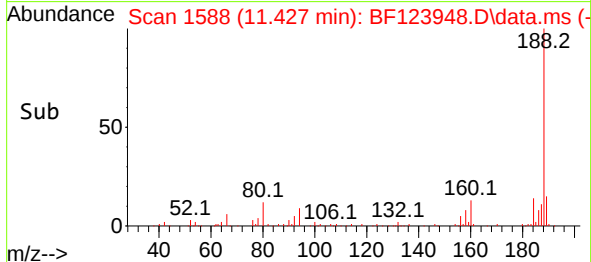
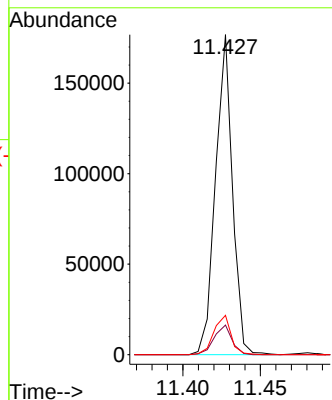
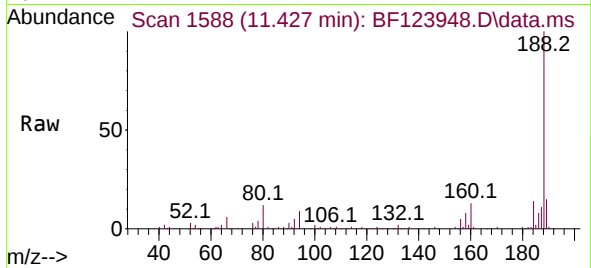




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

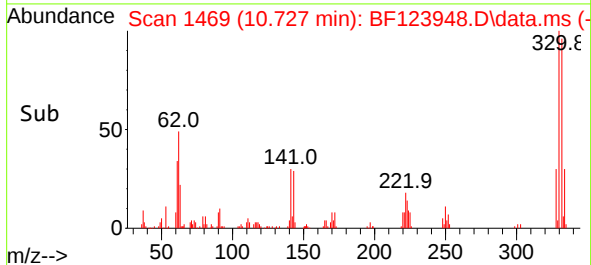
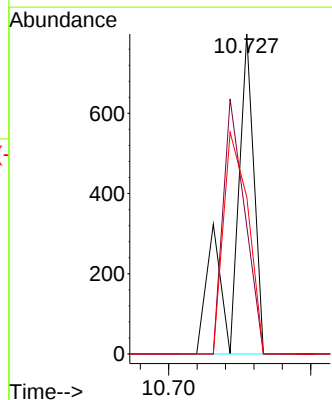
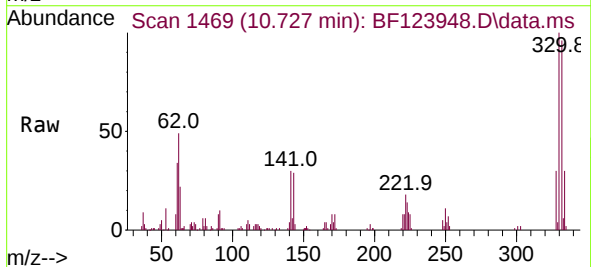
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ClientSampleId :  
SB-07-COMP

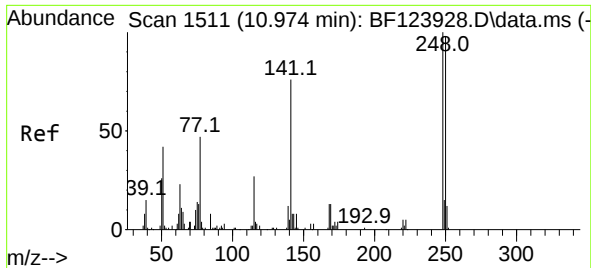
Tgt Ion:188 Resp: 134288  
Ion Ratio Lower Upper  
188 100  
94 9.3 6.9 10.3  
80 12.3 8.2 12.2#



#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.84 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. 0.200 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

Tgt Ion:198 Resp: 396  
Ion Ratio Lower Upper  
198 100  
51 40.0 64.8 104.8#  
105 49.1 42.6 82.6

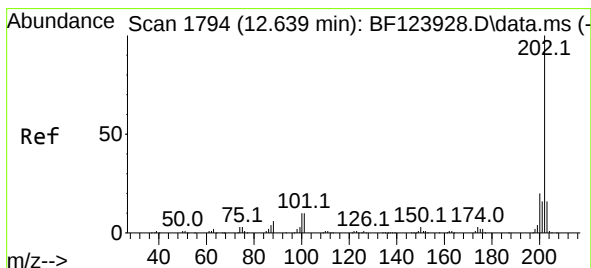
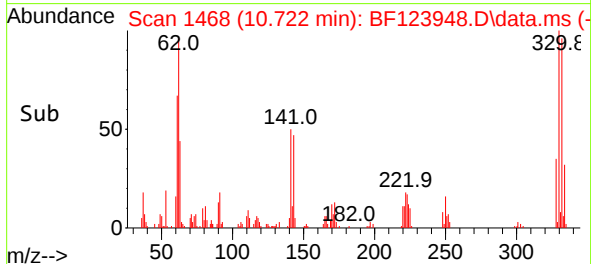
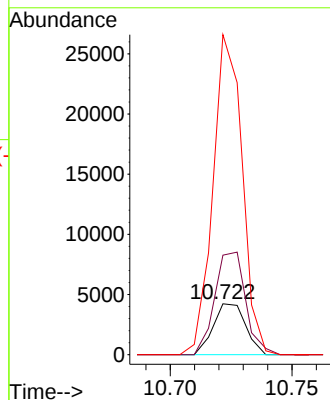
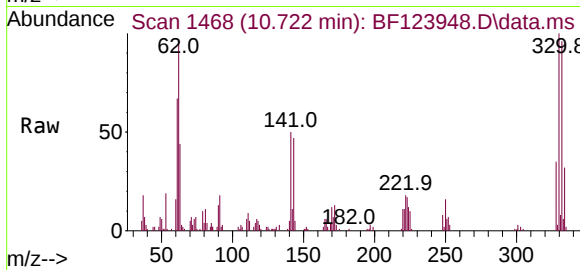




#67  
4-Bromophenyl-phenylether  
Concen: 2.22 ng  
RT: 10.722 min Scan# 1468  
Delta R.T. -0.253 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

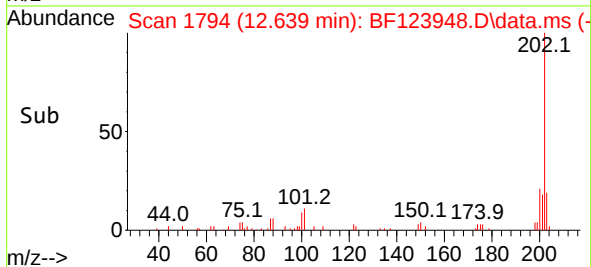
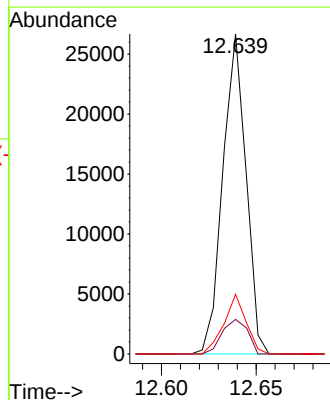
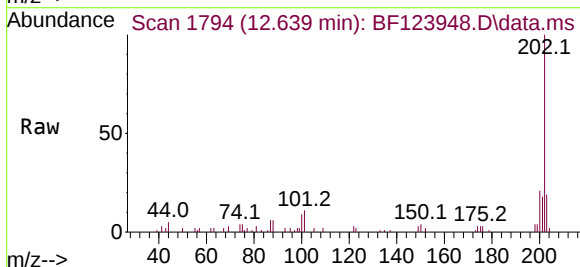
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-COMP

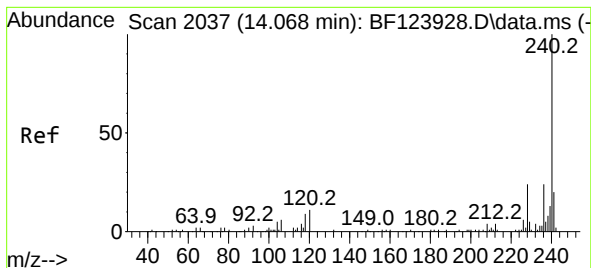
Tgt Ion:248 Resp: 3910  
Ion Ratio Lower Upper  
248 100  
250 195.4 77.4 116.2#  
141 628.7 63.7 95.5#



#75  
Fluoranthene  
Concen: 2.58 ng  
RT: 12.639 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

Tgt Ion:202 Resp: 22694  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 30.9  
203 18.7 0.0 37.5

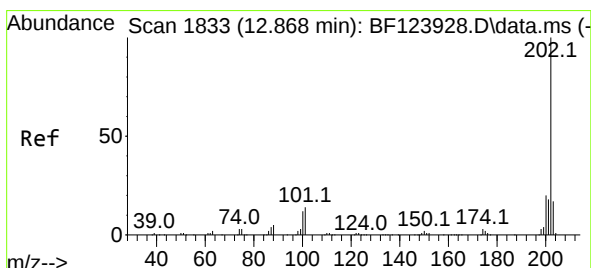
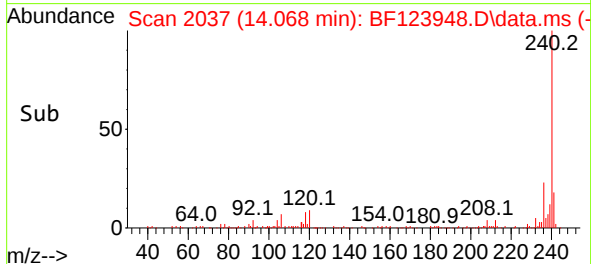
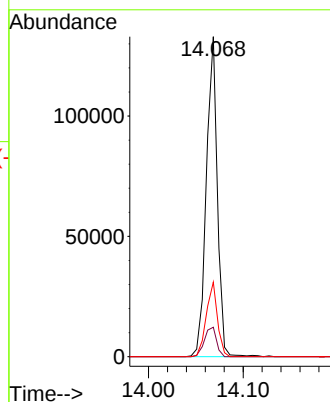
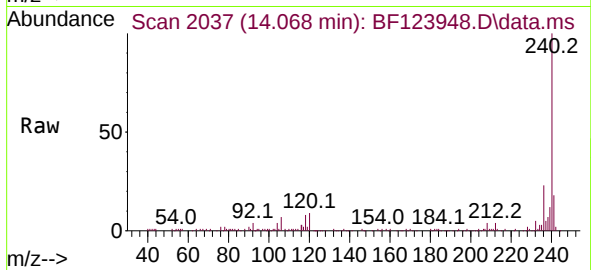




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. 0.000 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

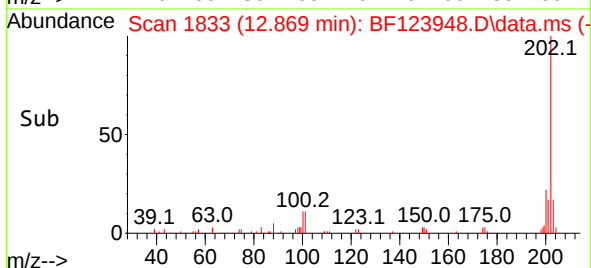
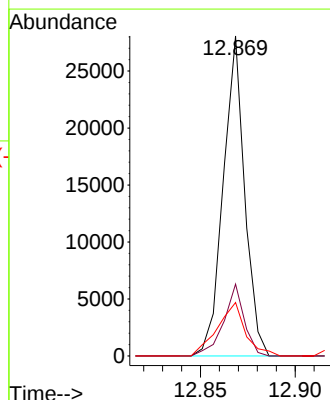
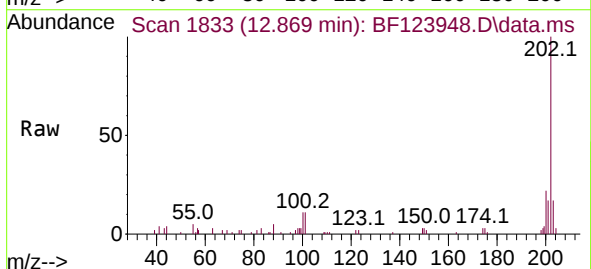
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-COMP

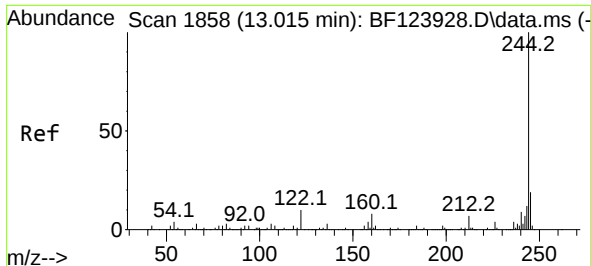
Tgt Ion:240 Resp: 107524  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.2 10.8  
236 23.3 19.0 28.4



#78  
Pyrene  
Concen: 2.32 ng  
RT: 12.869 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

Tgt Ion:202 Resp: 22117  
Ion Ratio Lower Upper  
202 100  
200 22.5 16.1 24.1  
203 16.7 14.8 22.2

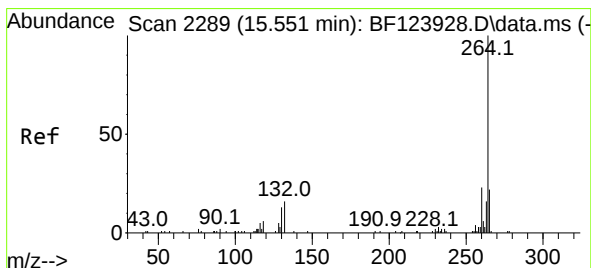
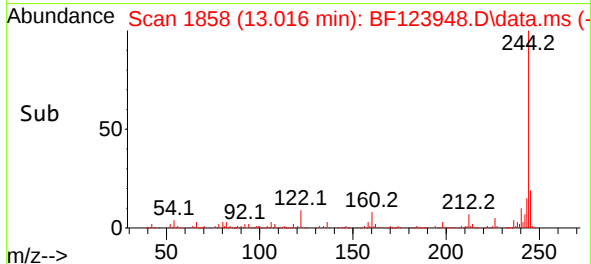
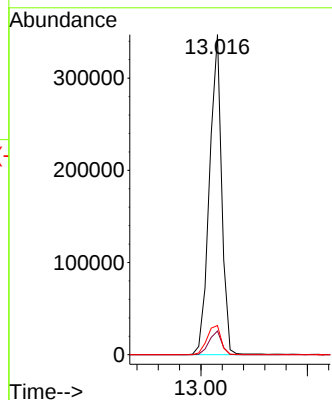
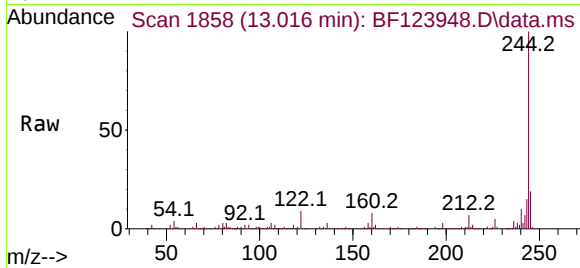




#79  
Terphenyl-d14  
Concen: 38.89 ng  
RT: 13.016 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

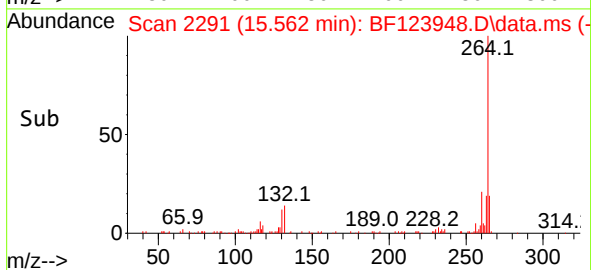
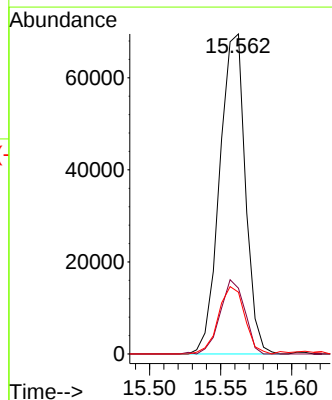
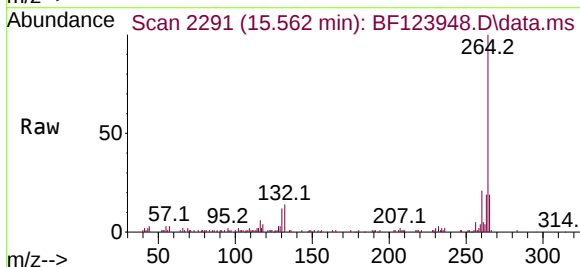
Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-COMP

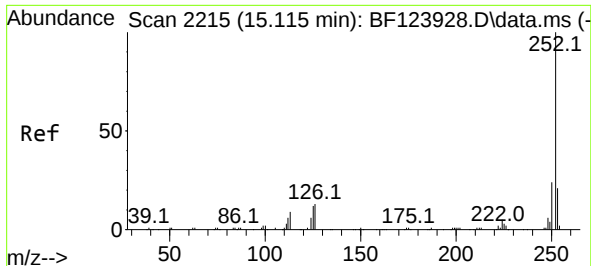
Tgt Ion:244 Resp: 276114  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.7 8.5  
122 9.1 9.7 14.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.562 min Scan# 2291  
Delta R.T. 0.012 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

Tgt Ion:264 Resp: 87465  
Ion Ratio Lower Upper  
264 100  
260 20.6 18.7 28.1  
265 19.3 17.8 26.8

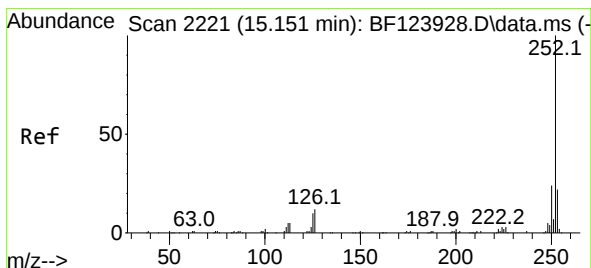
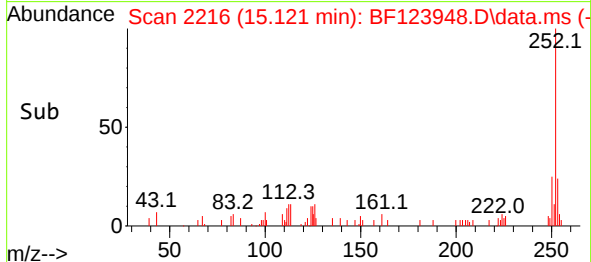
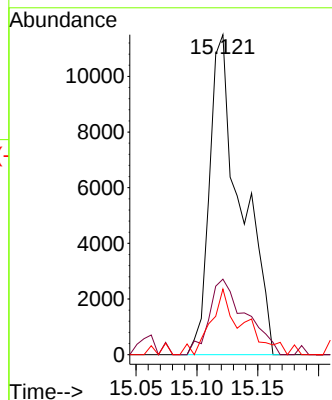
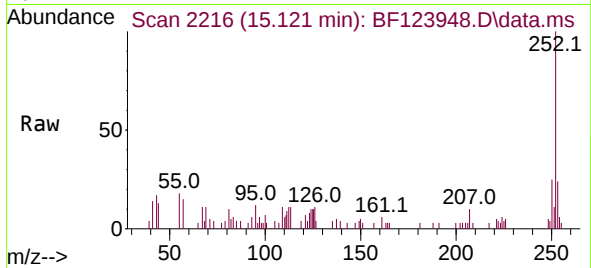




#88  
Benzo(b)fluoranthene  
Concen: 3.04 ng  
RT: 15.121 min Scan# 2216  
Delta R.T. 0.006 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

Instrument :  
BNA\_F  
ClientSampleId :  
SB-07-COMP

Tgt Ion:252 Resp: 20598  
Ion Ratio Lower Upper  
252 100  
253 23.6 18.1 27.1  
125 20.5 6.2 9.4#



#89  
Benzo(k)fluoranthene  
Concen: 3.34 ng  
RT: 15.121 min Scan# 2216  
Delta R.T. -0.029 min  
Lab File: BF123948.D  
Acq: 15 May 2021 16:49

Tgt Ion:252 Resp: 20598  
Ion Ratio Lower Upper  
252 100  
253 23.6 17.9 26.9  
125 20.5 7.0 10.6#

