

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052521\  
 Data File : BF124052.D  
 Acq On : 25 May 2021 18:57  
 Operator : JU/CG  
 Sample : M2500-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-08-052421

Quant Time: May 26 02:34:49 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

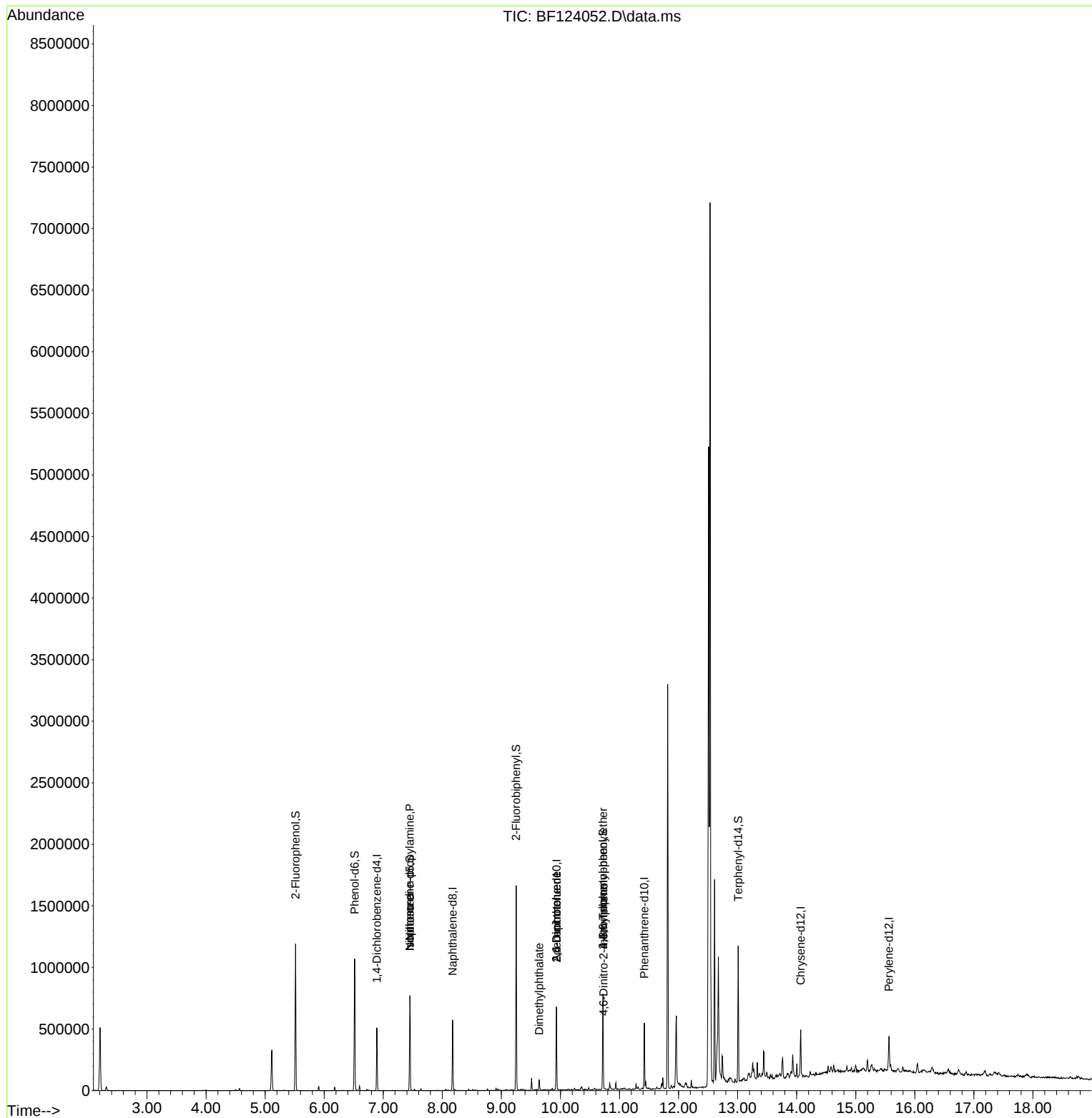
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 56639    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.175  | 136  | 213161   | 20.00 | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 9.933  | 164  | 113691   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.421 | 188  | 157920   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 116383   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.562 | 264  | 116059   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 234520   | 58.14 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 284350   | 54.34 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 224231   | 45.32 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 74865    | 54.82 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.251  | 172  | 398593   | 43.14 | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.010 | 244  | 287445   | 37.41 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 31602    | 8.94  | ng    | # 77     |
| 25) Isophorone                | 7.451  | 82   | 224228   | 23.56 | ng    | # 69     |
| 50) Dimethylphthalate         | 9.639  | 163  | 25276    | 2.78  | ng    | # 99     |
| 51) 2,6-Dinitrotoluene        | 9.933  | 165  | 15287    | 8.33  | ng    | # 12     |
| 57) 2,4-Dinitrotoluene        | 9.933  | 165  | 15287    | 6.79  | ng    | # 18     |
| 65) 4,6-Dinitro-2-methylph... | 10.727 | 198  | 210      | 5.62  | ng    | # 78     |
| 67) 4-Bromophenyl-phenylether | 10.722 | 248  | 5143     | 2.48  | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

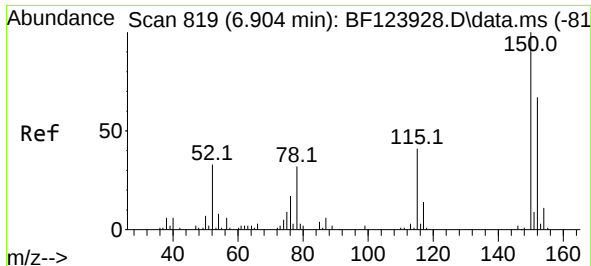
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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  
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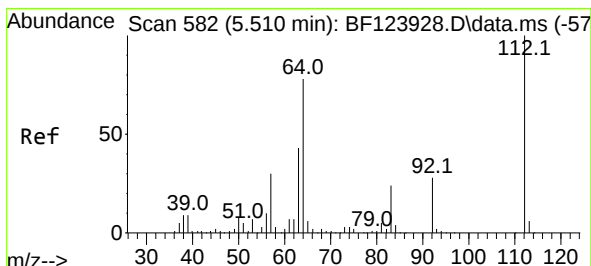
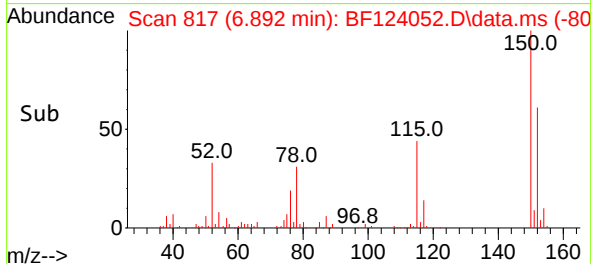
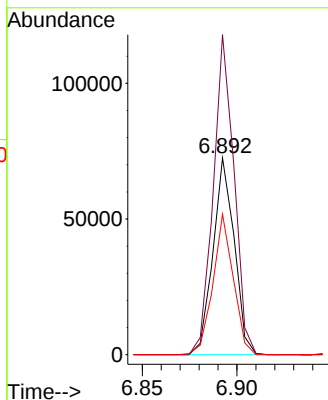
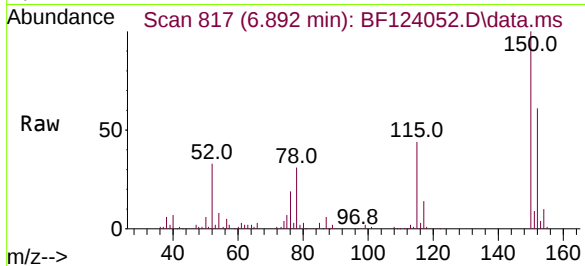




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.892 min Scan# 817  
Delta R.T. -0.012 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

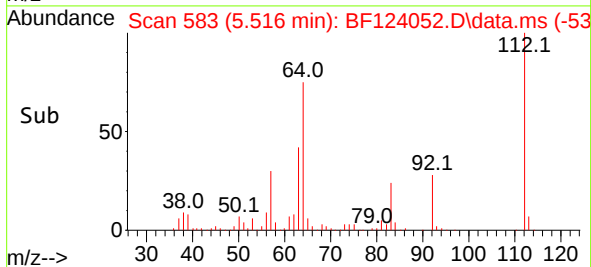
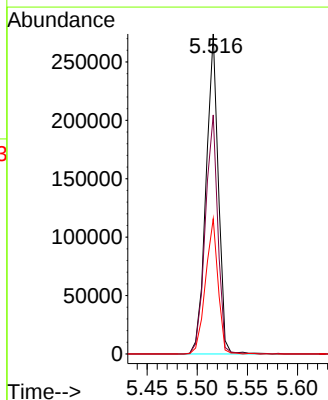
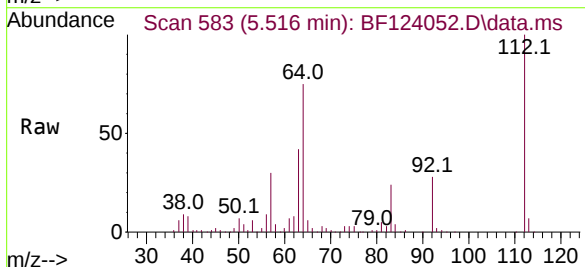
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BNA\_F  
ClientSampleId :  
NB-08-052421

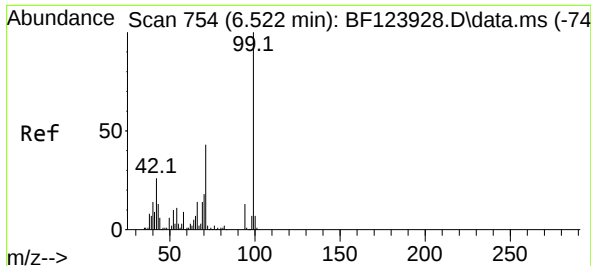
Tgt Ion:152 Resp: 56639  
Ion Ratio Lower Upper  
152 100  
150 162.6 127.0 190.6  
115 71.4 54.3 81.5



#5  
2-Fluorophenol  
Concen: 58.14 ng  
RT: 5.516 min Scan# 583  
Delta R.T. 0.006 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

Tgt Ion:112 Resp: 234520  
Ion Ratio Lower Upper  
112 100  
64 74.7 61.4 92.0  
63 42.3 33.0 49.4

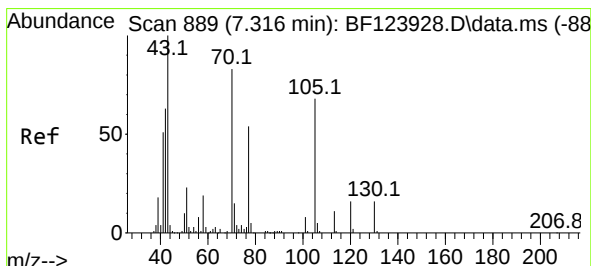
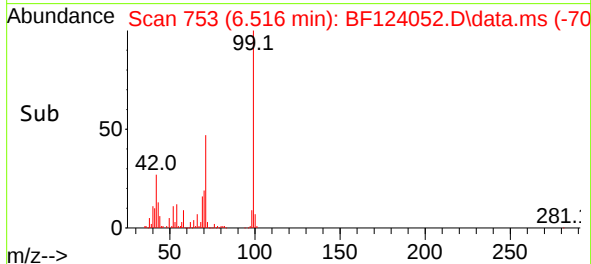
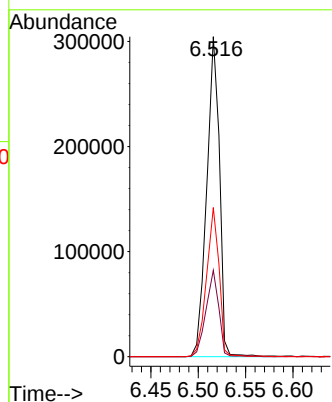
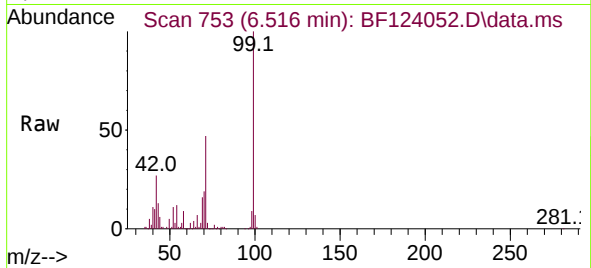




#7  
Phenol-d6  
Concen: 54.34 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

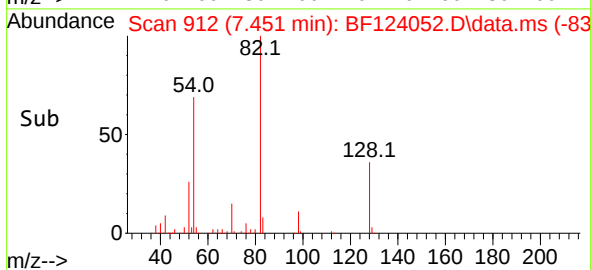
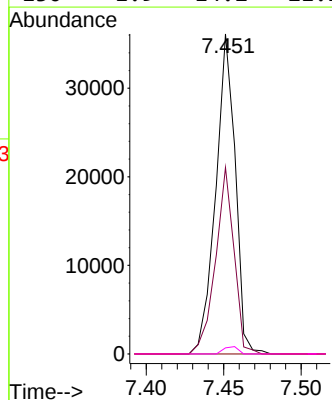
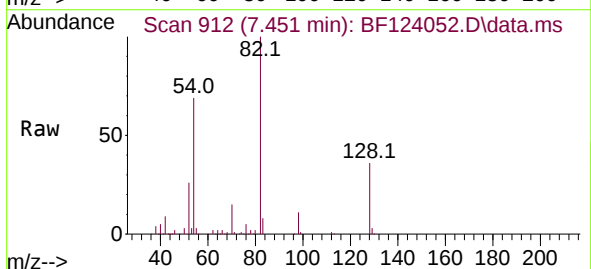
Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-052421

Tgt Ion: 99 Resp: 284350  
Ion Ratio Lower Upper  
99 100  
42 27.0 19.8 29.8  
71 46.6 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 8.94 ng  
RT: 7.451 min Scan# 912  
Delta R.T. 0.135 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

Tgt Ion: 70 Resp: 31602  
Ion Ratio Lower Upper  
70 100  
42 58.3 60.1 90.1#  
101 0.0 7.4 11.2#  
130 1.9 14.2 21.2#

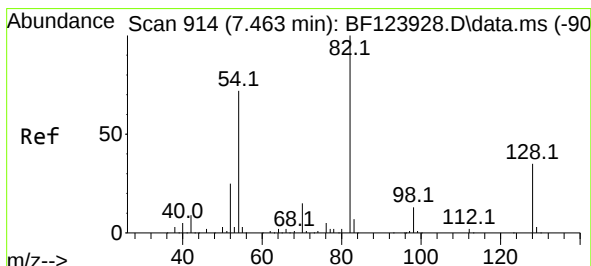
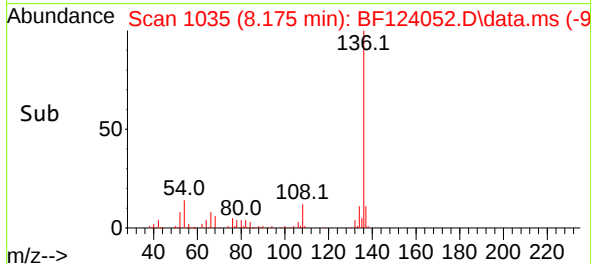
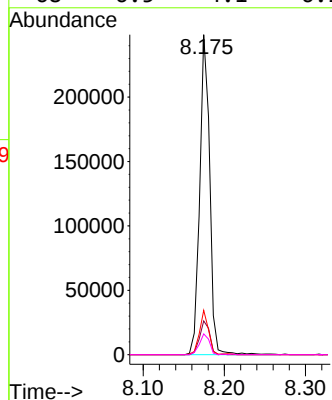
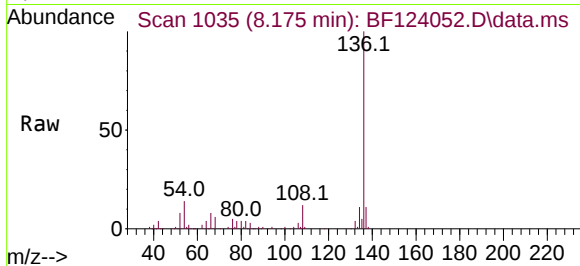




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.011 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

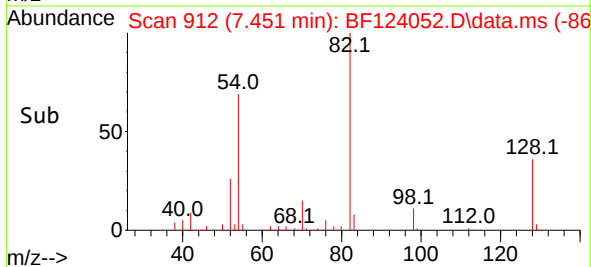
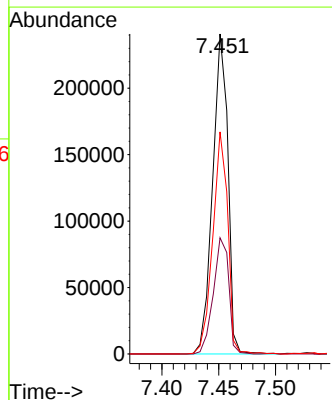
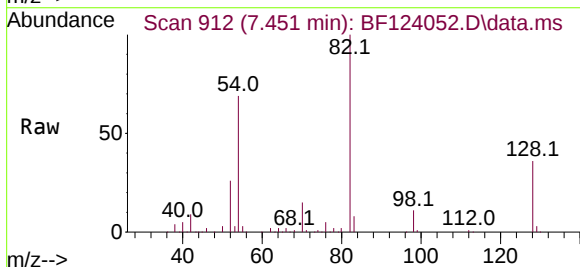
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ClientSampleId :  
NB-08-052421

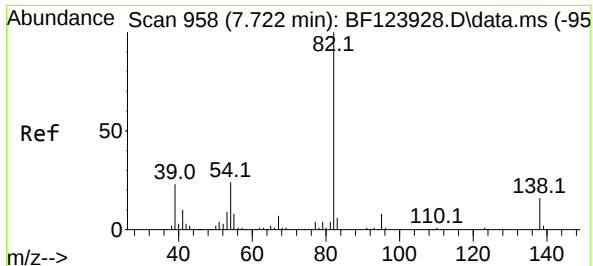
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 213161 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.6    | 8.7 13.1     |
| 54 13.9     | 9.8 14.6     |
| 68 6.5      | 4.1 6.1#     |



#23  
Nitrobenzene-d5  
Concen: 45.32 ng  
RT: 7.451 min Scan# 912  
Delta R.T. -0.012 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 224231 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 36.3    | 29.4 44.2    |
| 54 69.4     | 54.1 81.1    |

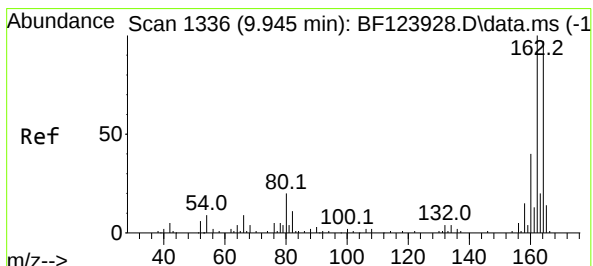
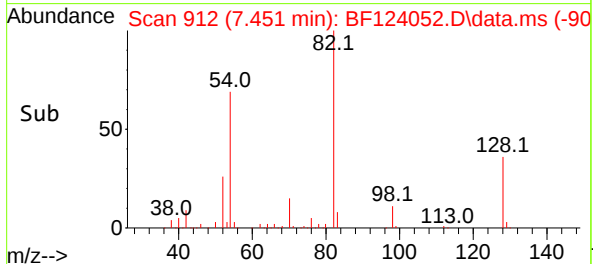
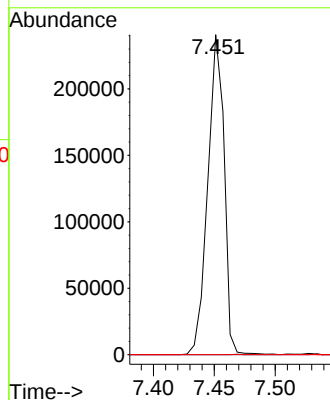
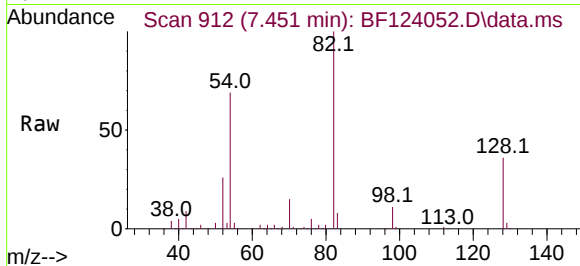




#25  
Isophorone  
Concen: 23.56 ng  
RT: 7.451 min Scan# 912  
Delta R.T. -0.271 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

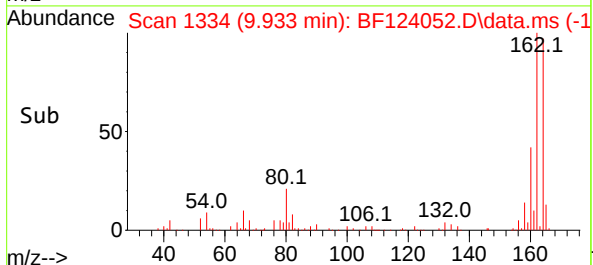
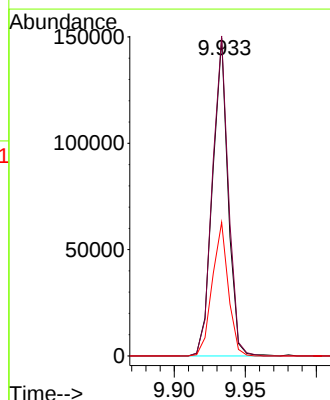
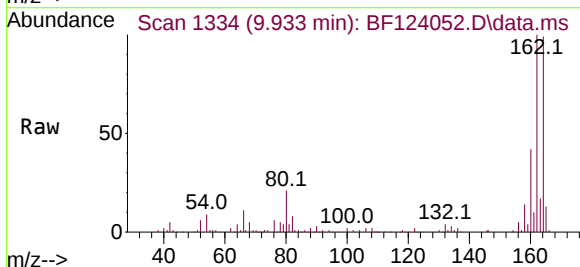
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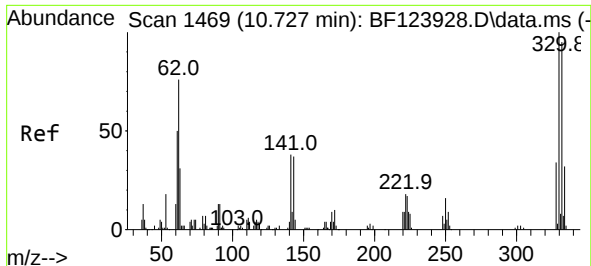
Tgt Ion: 82 Resp: 224228  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.012 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

Tgt Ion: 164 Resp: 113691  
Ion Ratio Lower Upper  
164 100  
162 100.7 80.7 121.1  
160 42.0 37.3 55.9

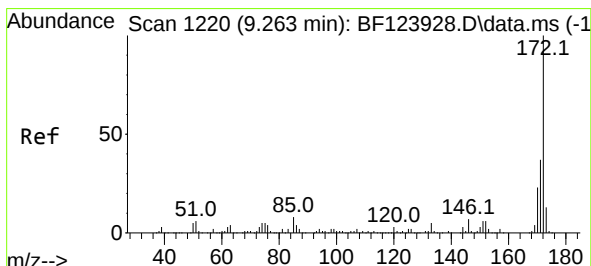
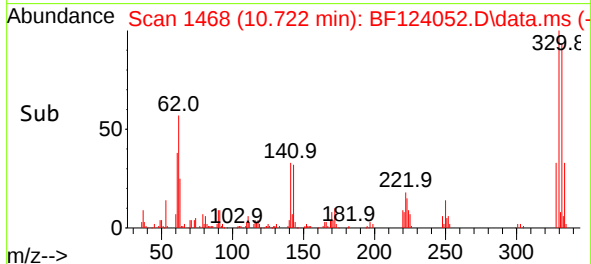
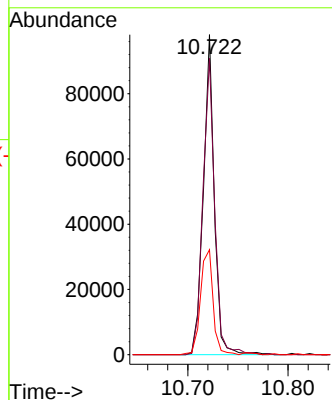
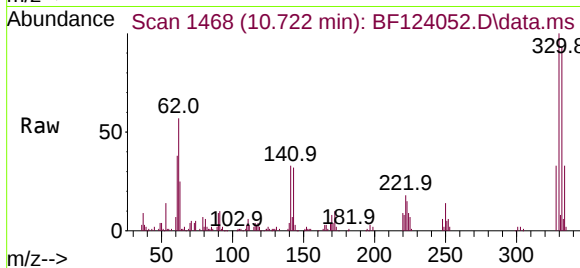




#42  
2,4,6-Tribromophenol  
Concen: 54.82 ng  
RT: 10.722 min Scan# 1468  
Delta R.T. -0.006 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

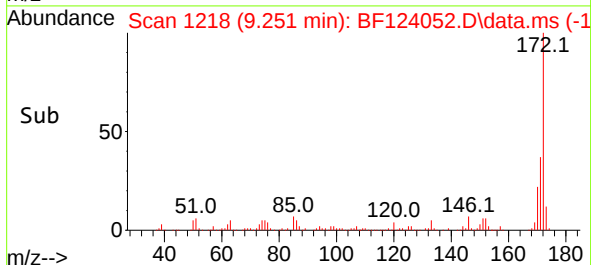
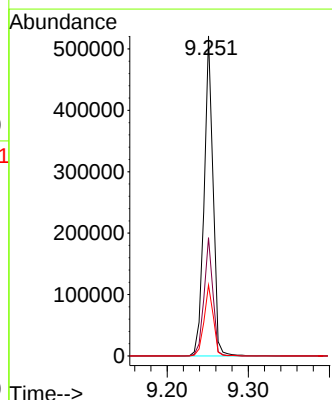
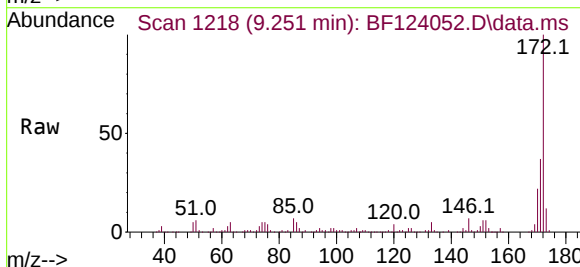
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BNA\_F  
ClientSampleId :  
NB-08-052421

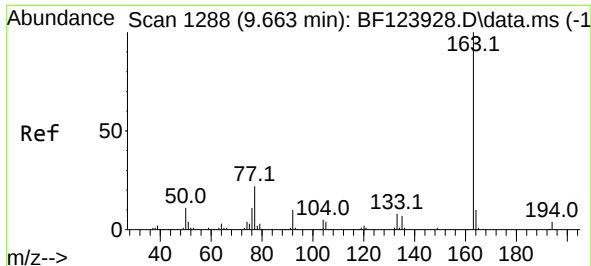
Tgt Ion: 330 Resp: 74865  
Ion Ratio Lower Upper  
330 100  
332 99.2 77.1 115.7  
141 37.5 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 43.14 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.012 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

Tgt Ion: 172 Resp: 398593  
Ion Ratio Lower Upper  
172 100  
171 36.9 28.1 42.1  
170 22.2 19.2 28.8

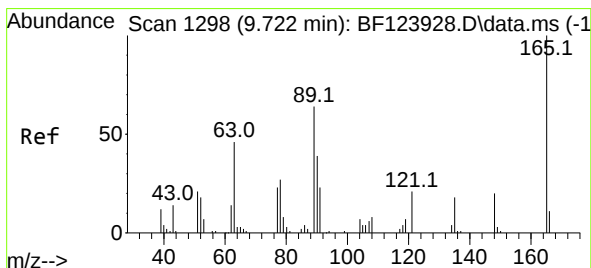
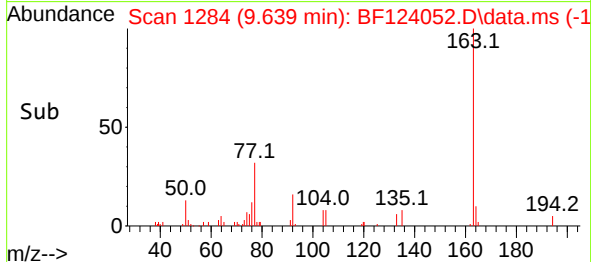
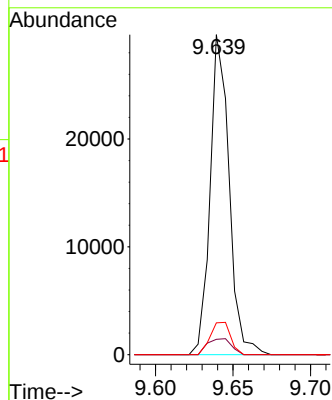
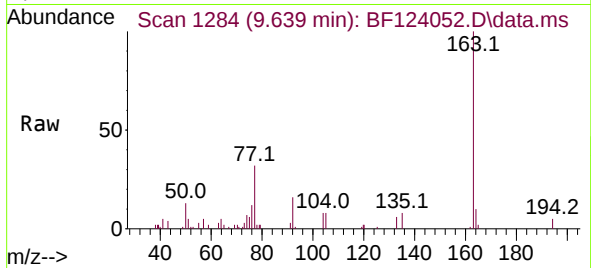




#50  
Dimethylphthalate  
Concen: 2.78 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. -0.024 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

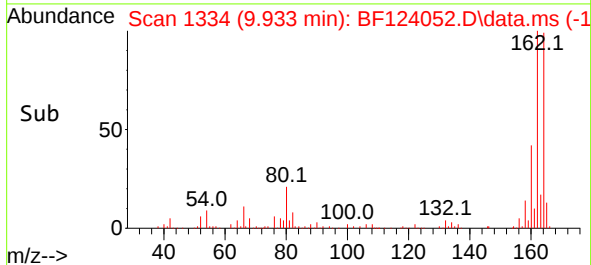
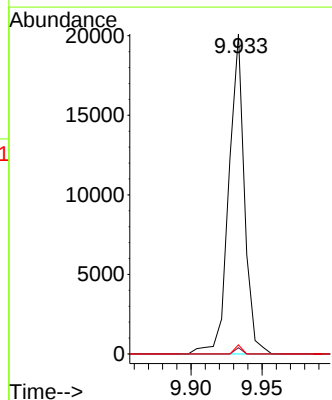
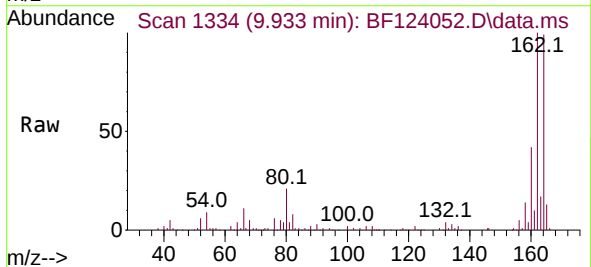
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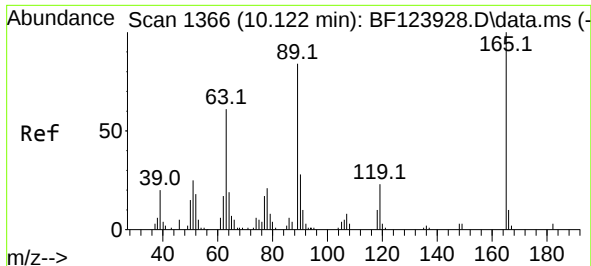
Tgt Ion:163 Resp: 25276  
Ion Ratio Lower Upper  
163 100  
194 4.8 3.1 4.7#  
164 10.0 8.2 12.2



#51  
2,6-Dinitrotoluene  
Concen: 8.33 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. 0.212 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

Tgt Ion:165 Resp: 15287  
Ion Ratio Lower Upper  
165 100  
63 1.9 67.7 101.5#  
89 2.8 58.8 88.2#

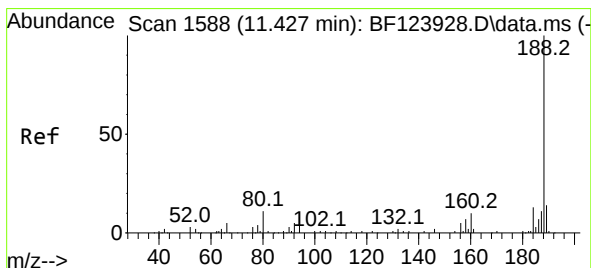
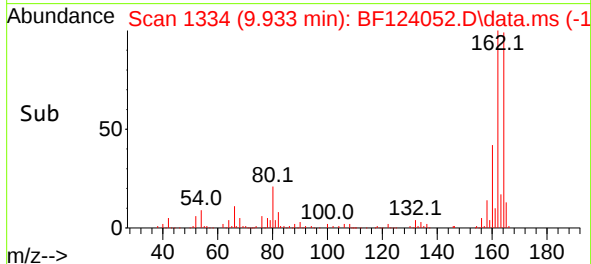
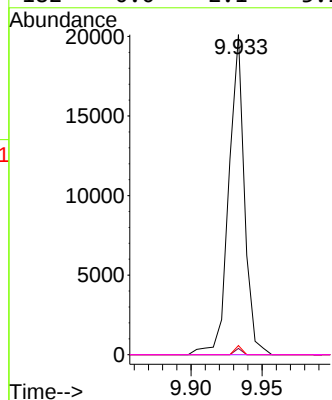
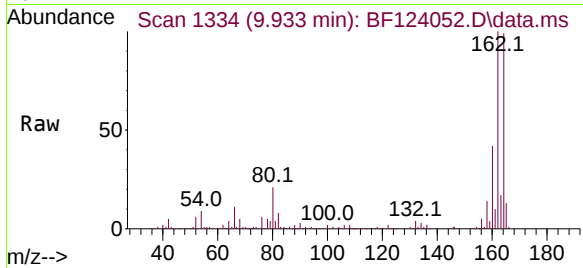




#57  
2,4-Dinitrotoluene  
Concen: 6.79 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.188 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

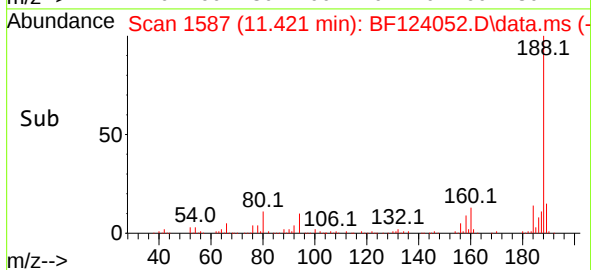
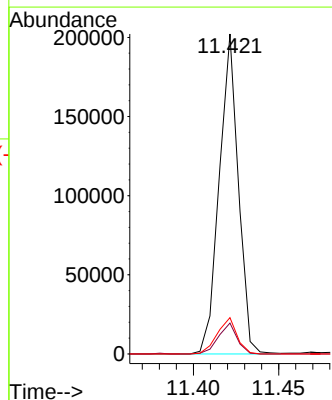
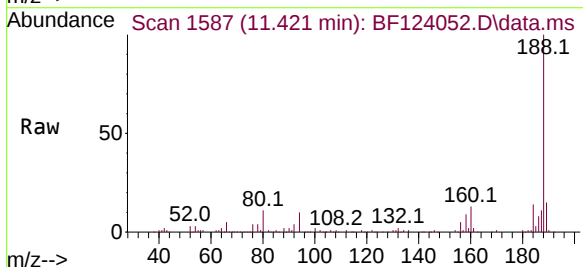
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BNA\_F  
ClientSampleId :  
NB-08-052421

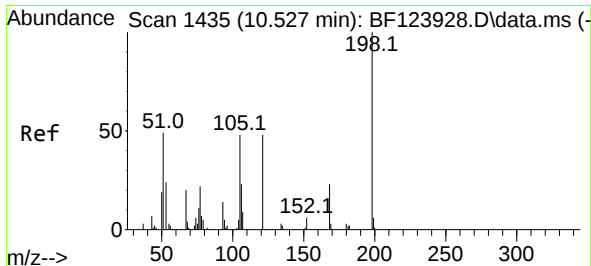
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:165 | Resp: | 15287       |
| Ion Ratio   | Lower | Upper       |
| 165         | 100   |             |
| 63          | 1.9   | 43.5 65.3#  |
| 89          | 2.8   | 67.7 101.5# |
| 182         | 0.0   | 2.1 3.1#    |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.421 min Scan# 1587  
Delta R.T. -0.006 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 157920   |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 9.6   | 6.9 10.3 |
| 80          | 11.4  | 8.2 12.2 |

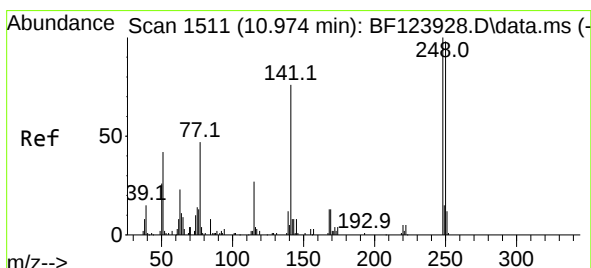
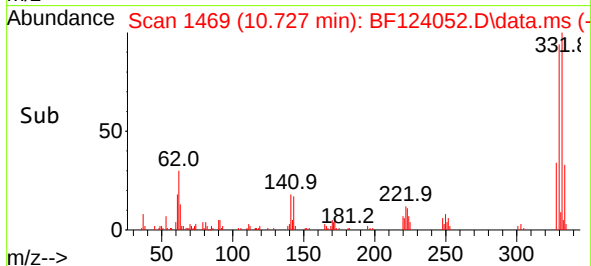
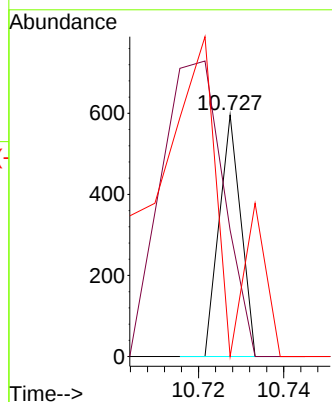
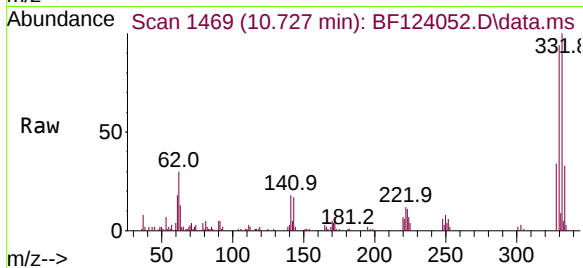




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.62 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. 0.200 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

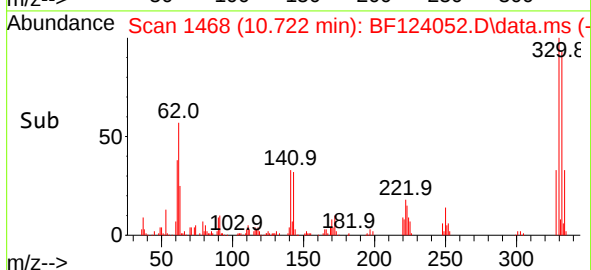
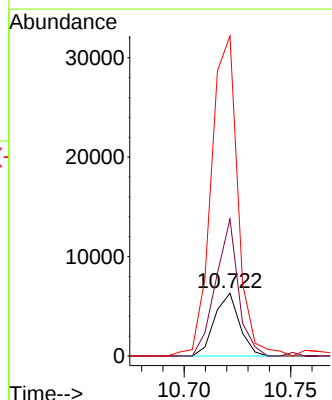
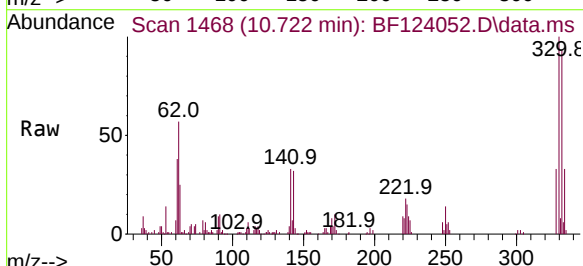
Instrument :  
BNA\_F  
ClientSampleId :  
NB-08-052421

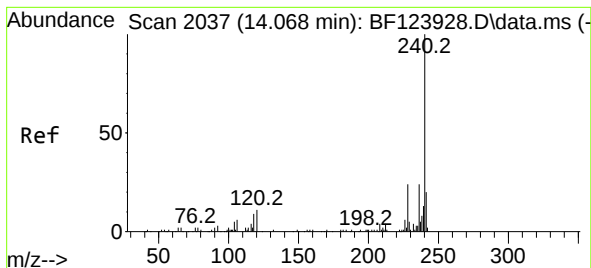
Tgt Ion:198 Resp: 210  
Ion Ratio Lower Upper  
198 100  
51 52.3 64.8 104.8#  
105 59.2 42.6 82.6



#67  
4-Bromophenyl-phenylether  
Concen: 2.48 ng  
RT: 10.722 min Scan# 1468  
Delta R.T. -0.253 min  
Lab File: BF124052.D  
Acq: 25 May 2021 18:57

Tgt Ion:248 Resp: 5143  
Ion Ratio Lower Upper  
248 100  
250 218.3 77.4 116.2#  
141 510.3 63.7 95.5#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF124052.D

Acq: 25 May 2021 18:57

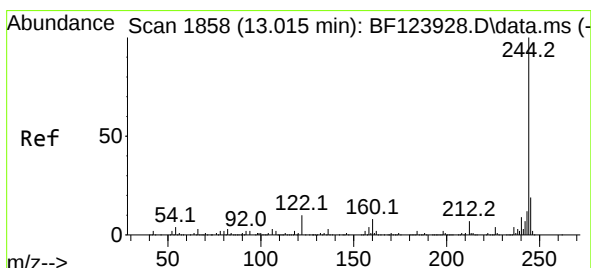
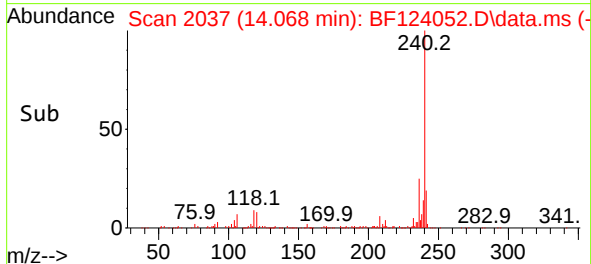
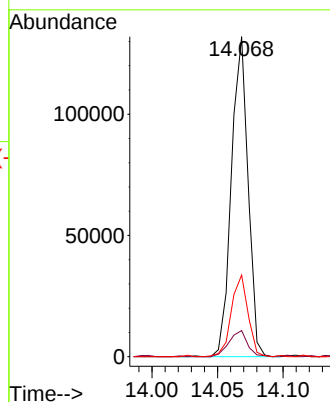
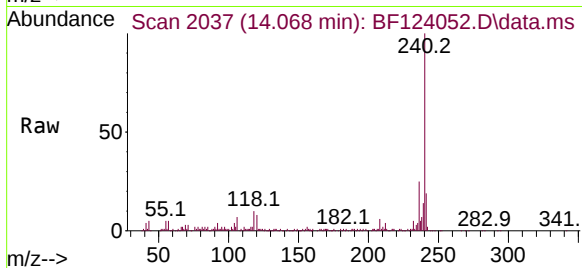
Tgt Ion:240 Resp: 116383

Ion Ratio Lower Upper

240 100

120 8.2 7.2 10.8

236 25.5 19.0 28.4



#79

Terphenyl-d14

Concen: 37.41 ng

RT: 13.010 min Scan# 1857

Delta R.T. -0.006 min

Lab File: BF124052.D

Acq: 25 May 2021 18:57

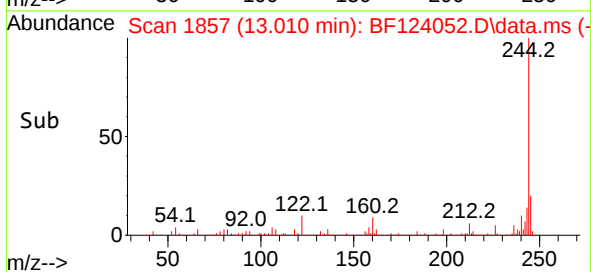
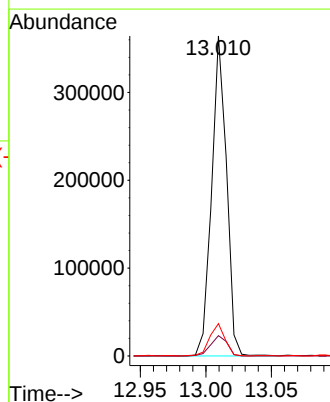
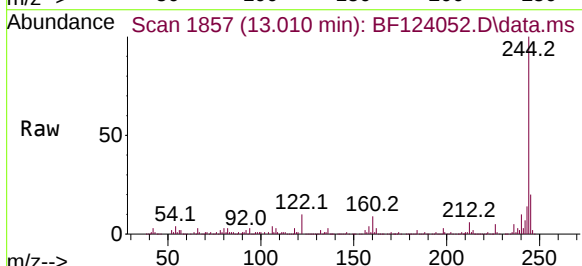
Tgt Ion:244 Resp: 287445

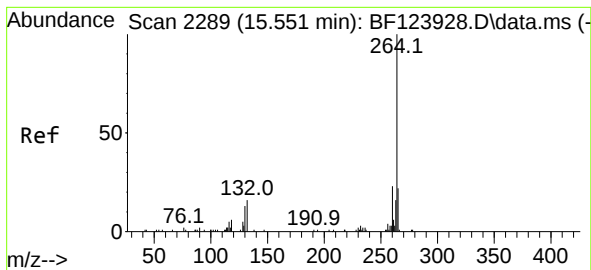
Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

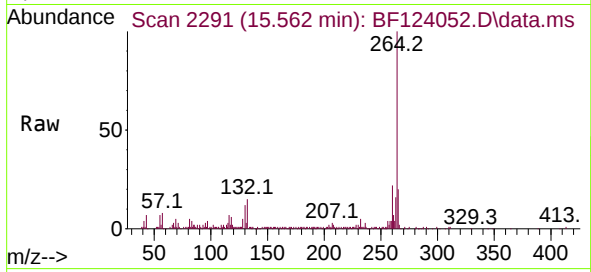
122 10.1 9.7 14.5





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.562 min Scan# 2291  
 Delta R.T. 0.012 min  
 Lab File: BF124052.D  
 Acq: 25 May 2021 18:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NB-08-052421



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 116059 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.5  | 18.7  | 28.1   |
| 265       | 20.2  | 17.8  | 26.8   |

