

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061421\  
 Data File : BF124304.D  
 Acq On : 14 Jun 2021 13:55  
 Operator : JU/CG  
 Sample : M2626-09  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 18-B12(226-230)

Quant Time: Jun 14 14:23:07 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 14 12:10:02 2021  
 Response via : Initial Calibration

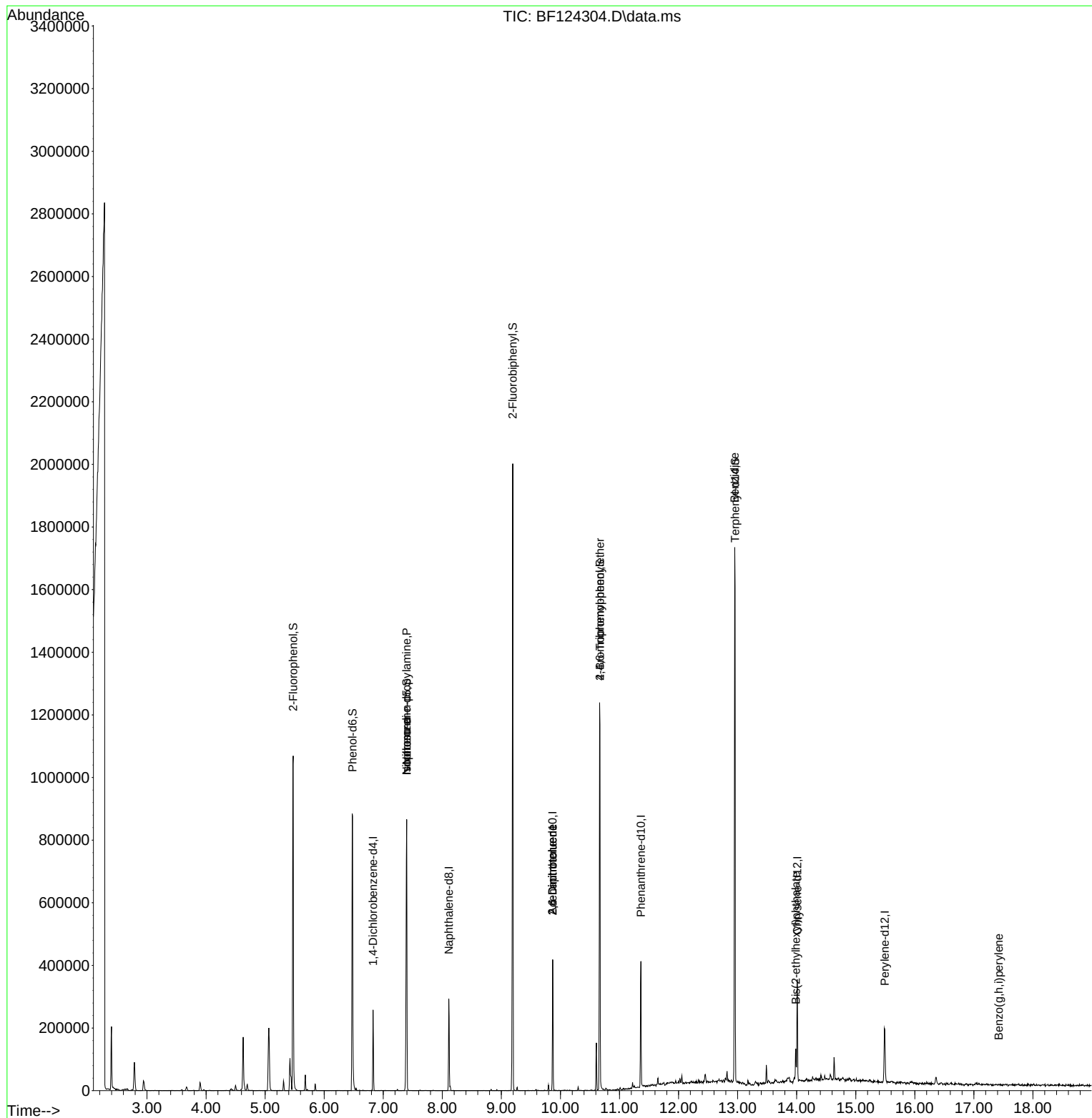
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 30173    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.110  | 136  | 113631   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.869  | 164  | 68056    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.363 | 188  | 129459   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.010 | 240  | 96422    | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.492 | 264  | 68816    | 20.000  | ng    | # 0.00   |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 252017   | 125.732 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.481  | 99   | 273897   | 101.661 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 273982   | 95.630  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 136468   | 141.537 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 514540   | 95.139  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 556657   | 79.263  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.398  | 70   | 39076    | 20.546  | ng    | # 65     |
| 25) Isophorone                | 7.398  | 82   | 273977   | 53.067  | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.869  | 165  | 8138     | 6.304   | ng    | # 12     |
| 57) 2,4-Dinitrotoluene        | 9.869  | 165  | 8138     | 4.780   | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.669 | 248  | 9841     | 5.538   | ng    | # 1      |
| 77) Benzidine                 | 12.951 | 184  | 9861     | 8.078   | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149  | 27098    | 6.065   | ng    | # 98     |
| 92) Benzo(g,h,i)perylene      | 17.421 | 276  | 144      | 3.835   | ng    | # 56     |
| -----                         |        |      |          |         |       |          |

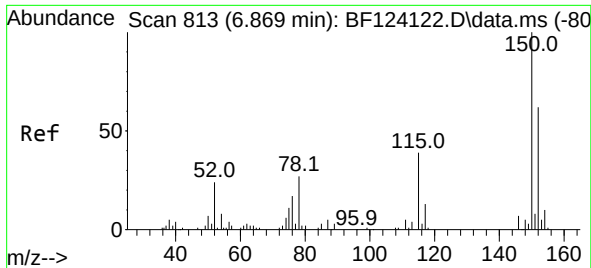
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061421\  
Data File : BF124304.D  
Acq On : 14 Jun 2021 13:55  
Operator : JU/CG  
Sample : M2626-09  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
18-B12(226-230)

Quant Time: Jun 14 14:23:07 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 14 12:10:02 2021  
Response via : Initial Calibration

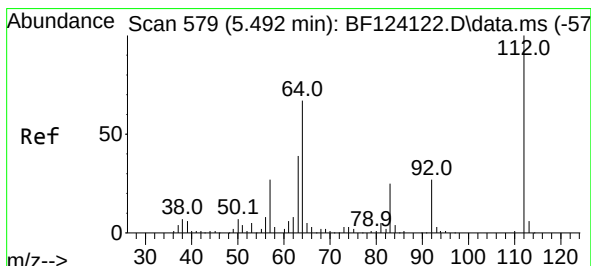
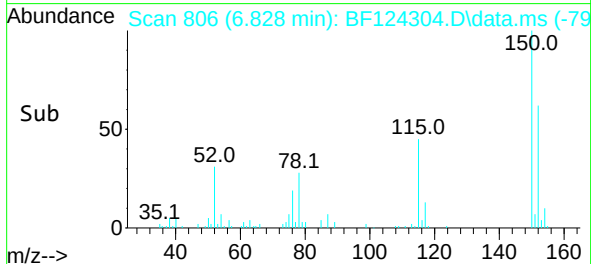
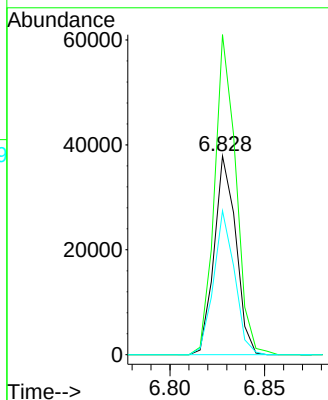
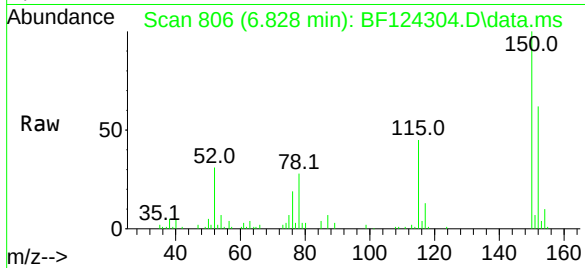




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

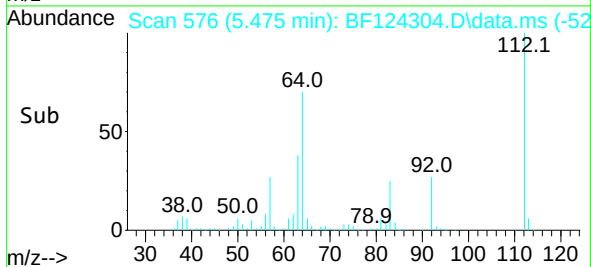
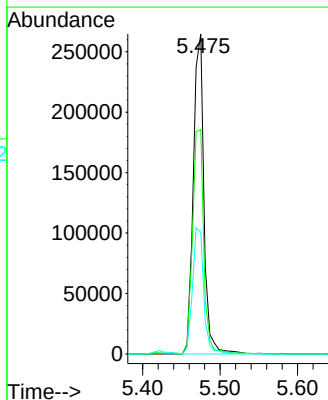
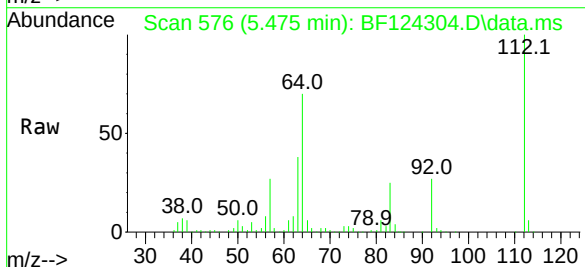
Instrument :  
BNA\_F  
ClientSampleId :  
18-B12(226-230)

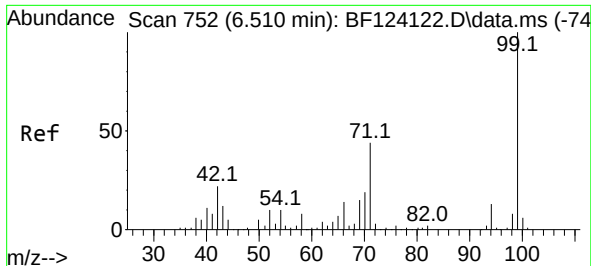
Tgt Ion:152 Resp: 30173  
Ion Ratio Lower Upper  
152 100  
150 161.0 127.0 190.6  
115 72.4 54.3 81.5



#5  
2-Fluorophenol  
Concen: 125.732 ng  
RT: 5.475 min Scan# 576  
Delta R.T. 0.018 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

Tgt Ion:112 Resp: 252017  
Ion Ratio Lower Upper  
112 100  
64 70.1 61.4 92.0  
63 38.0 33.0 49.4

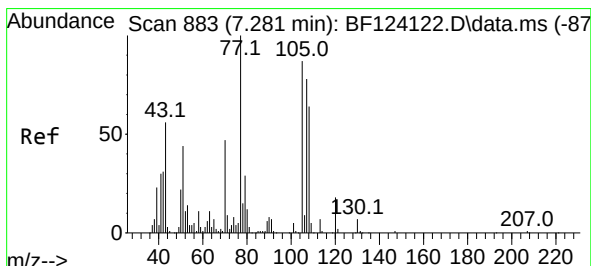
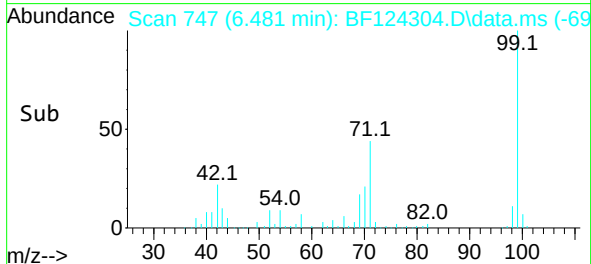
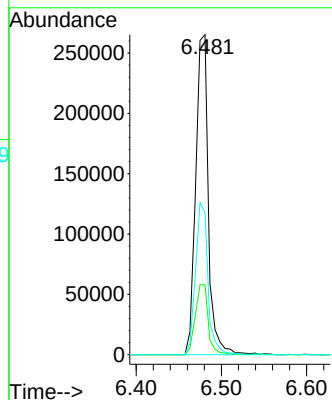
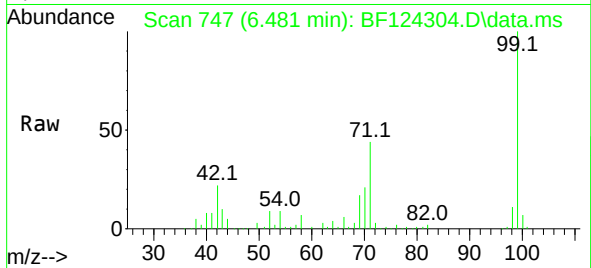




#7  
Phenol-d6  
Concen: 101.661 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.000 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

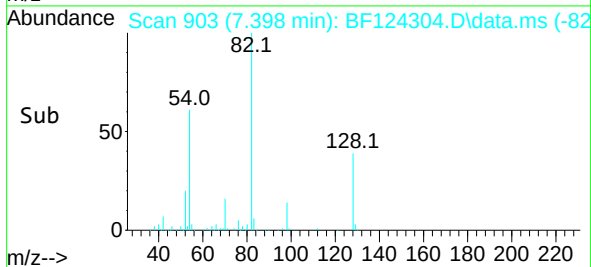
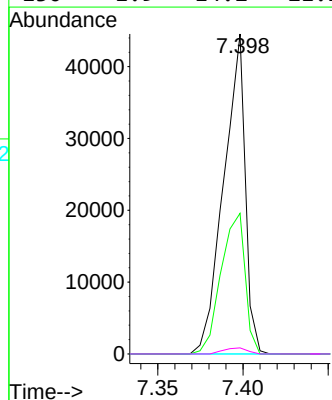
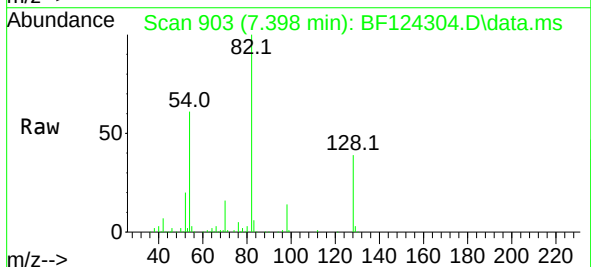
Instrument :  
BNA\_F  
ClientSampleId :  
18-B12(226-230)

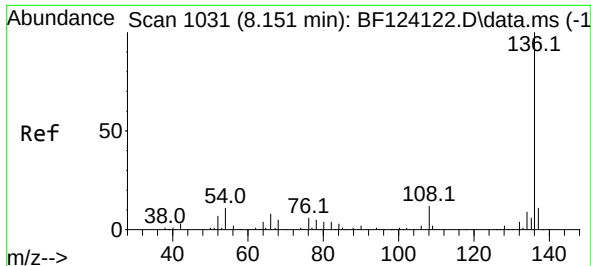
Tgt Ion: 99 Resp: 273897  
Ion Ratio Lower Upper  
99 100  
42 21.8 19.8 29.8  
71 44.3 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.546 ng  
RT: 7.398 min Scan# 903  
Delta R.T. 0.147 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

Tgt Ion: 70 Resp: 39076  
Ion Ratio Lower Upper  
70 100  
42 44.0 60.1 90.1#  
101 0.0 7.4 11.2#  
130 1.9 14.2 21.2#

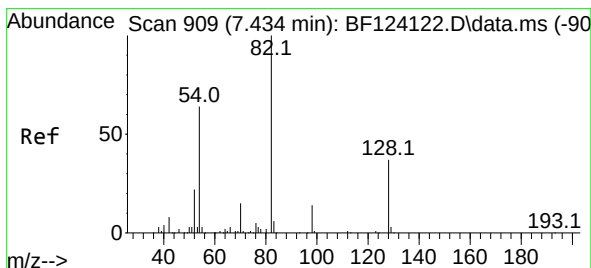
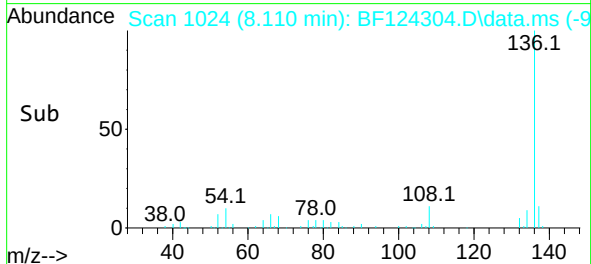
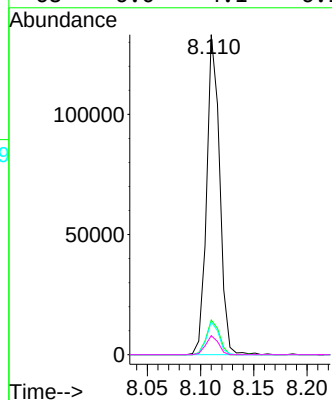
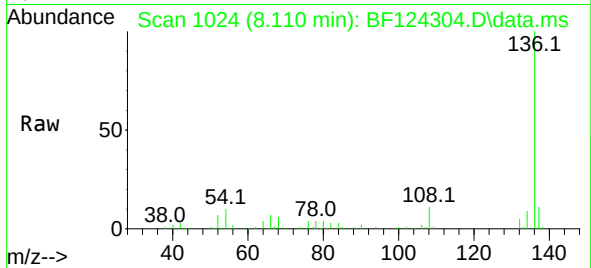




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

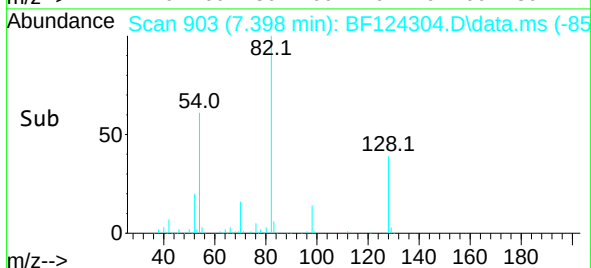
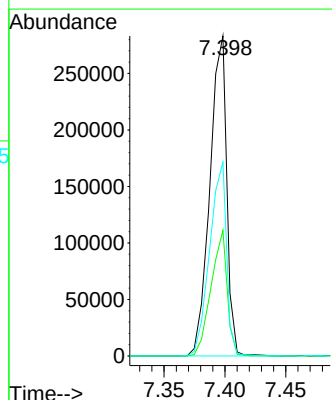
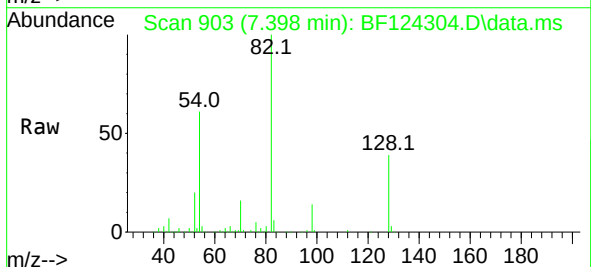
Instrument :  
BNA\_F  
ClientSampleId :  
18-B12(226-230)

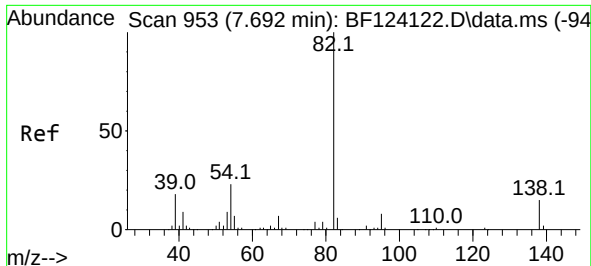
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 113631 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.9    | 8.7 13.1     |
| 54 10.2     | 9.8 14.6     |
| 68 6.0      | 4.1 6.1      |



#23  
Nitrobenzene-d5  
Concen: 95.630 ng  
RT: 7.398 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 273982 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 39.3    | 29.4 44.2    |
| 54 60.5     | 54.1 81.1    |

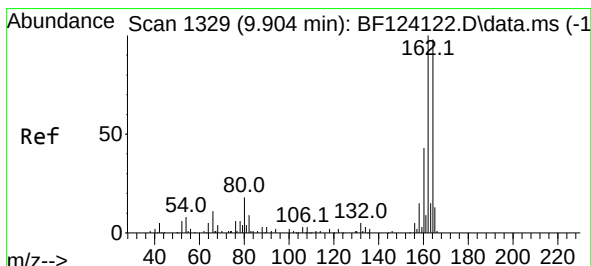
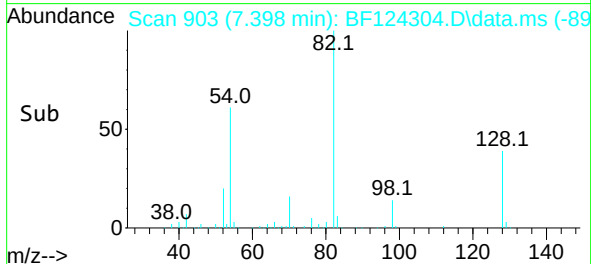
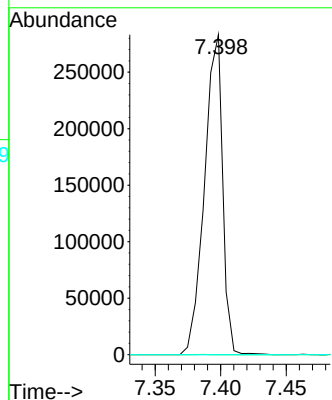
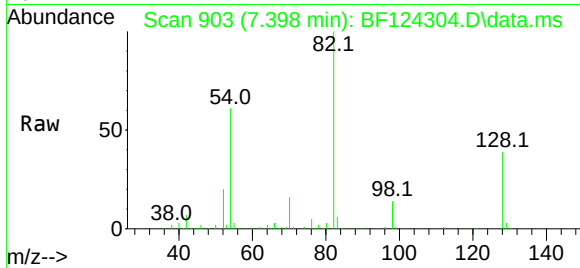




#25  
Isophorone  
Concen: 53.067 ng  
RT: 7.398 min Scan# 903  
Delta R.T. -0.265 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

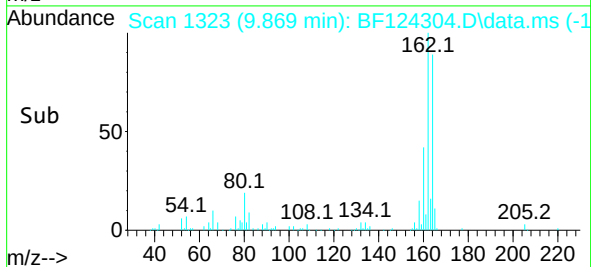
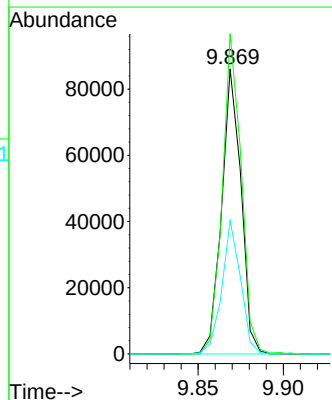
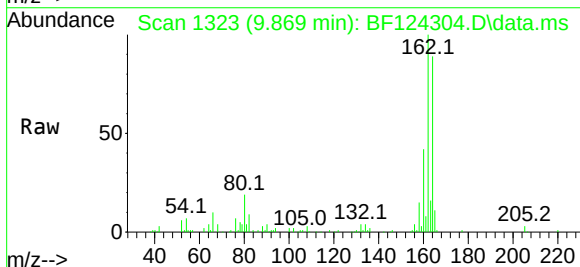
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18-B12(226-230)

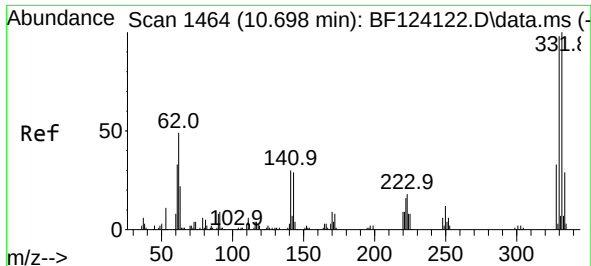
Tgt Ion: 82 Resp: 273977  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

Tgt Ion: 164 Resp: 68056  
Ion Ratio Lower Upper  
164 100  
162 112.2 80.7 121.1  
160 46.8 37.3 55.9

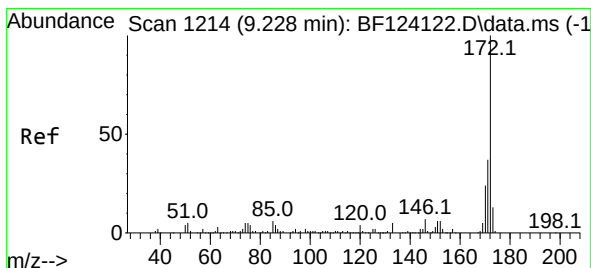
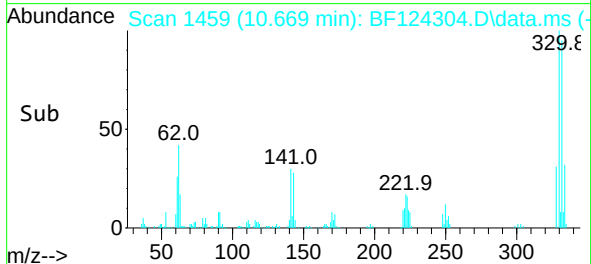
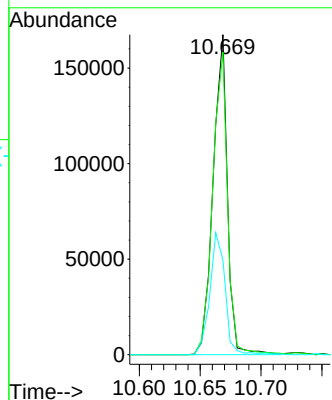
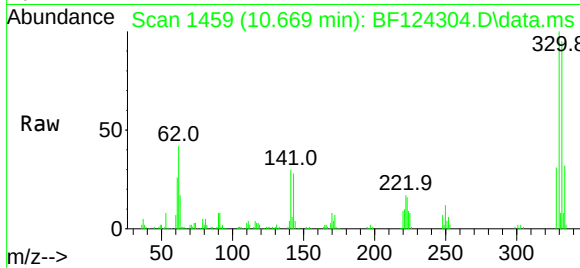




#42  
2,4,6-Tribromophenol  
Concen: 141.537 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

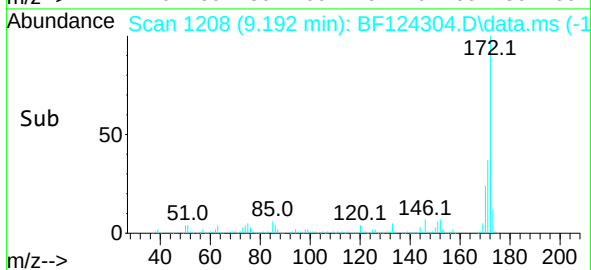
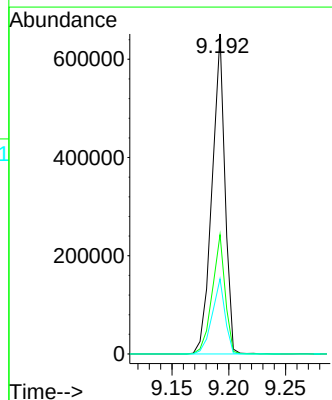
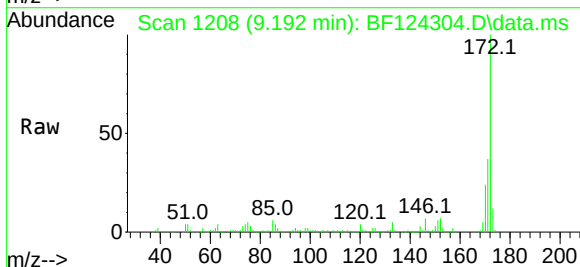
Instrument :  
BNA\_F  
ClientSampleId :  
18-B12(226-230)

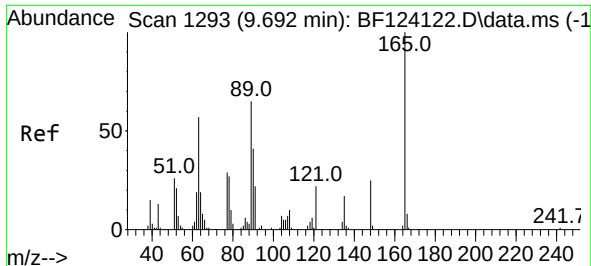
Tgt Ion: 330 Resp: 136468  
Ion Ratio Lower Upper  
330 100  
332 98.3 77.1 115.7  
141 40.9 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 95.139 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

Tgt Ion: 172 Resp: 514540  
Ion Ratio Lower Upper  
172 100  
171 37.3 28.1 42.1  
170 23.5 19.2 28.8

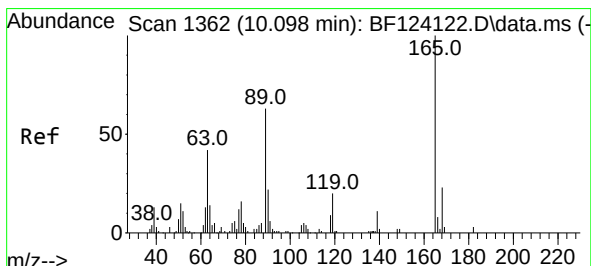
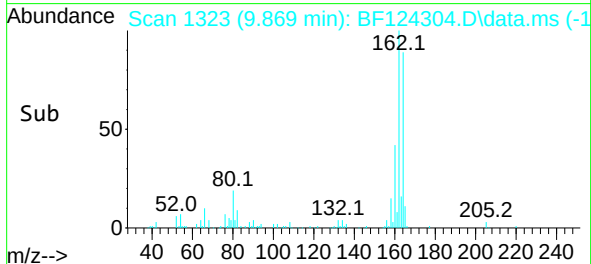
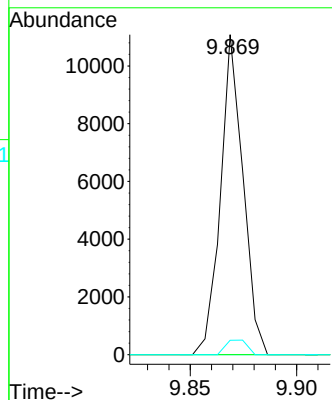
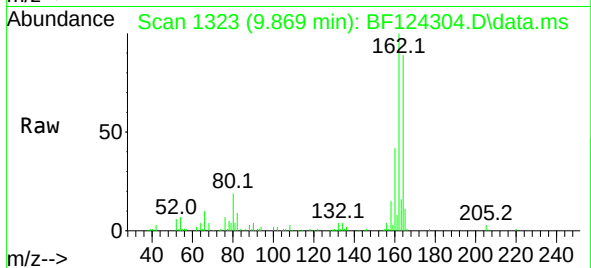




#51  
2,6-Dinitrotoluene  
Concen: 6.304 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. 0.200 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

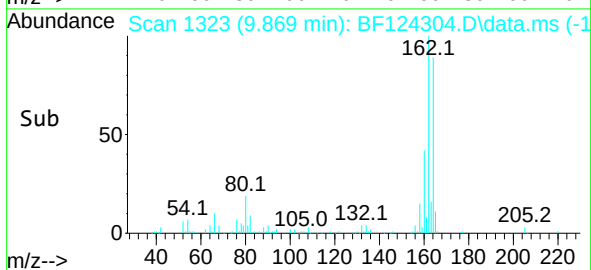
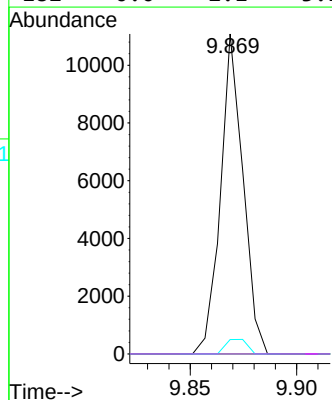
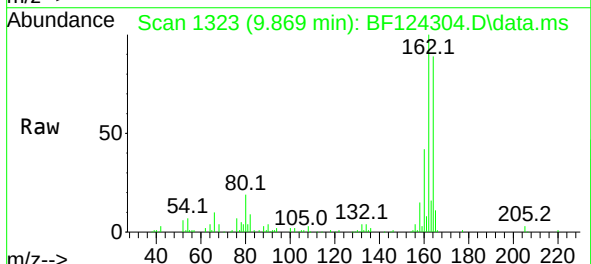
Instrument :  
BNA\_F  
ClientSampleId :  
18-B12(226-230)

Tgt Ion:165 Resp: 8138  
Ion Ratio Lower Upper  
165 100  
63 0.0 67.7 101.5#  
89 4.5 58.8 88.2#

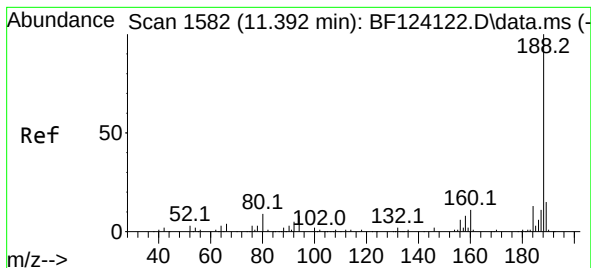


#57  
2,4-Dinitrotoluene  
Concen: 4.780 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.206 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

Tgt Ion:165 Resp: 8138  
Ion Ratio Lower Upper  
165 100  
63 0.0 43.5 65.3#  
89 4.5 67.7 101.5#  
182 0.0 2.1 3.1#



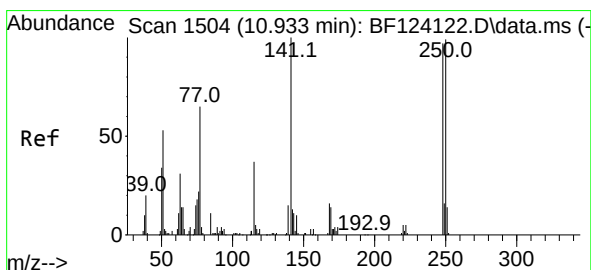
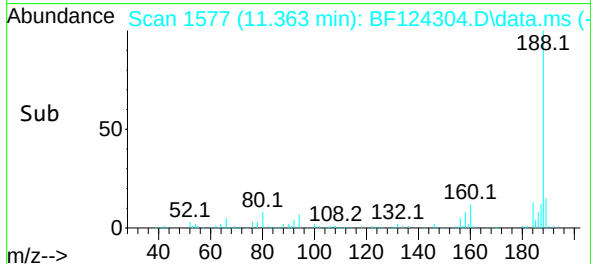
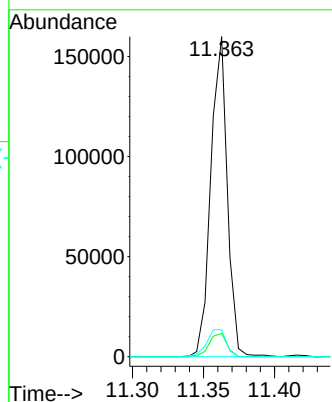
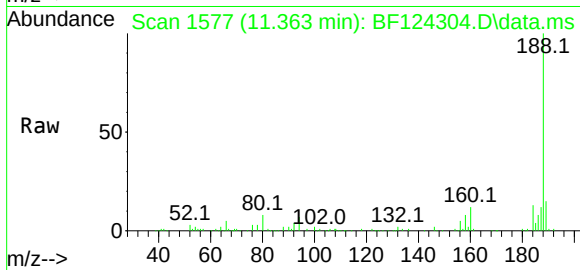




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. -0.006 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

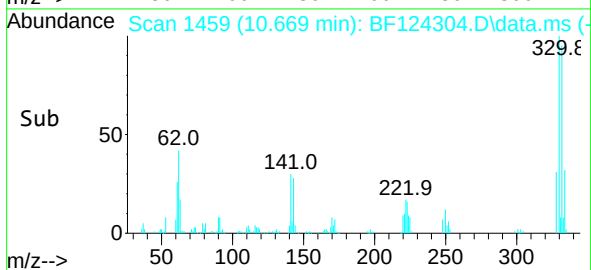
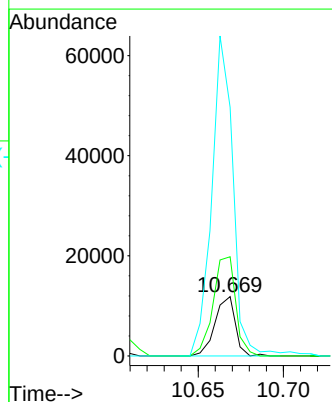
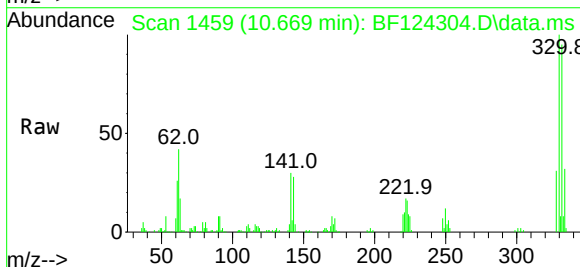
Instrument :  
BNA\_F  
ClientSampleId :  
18-B12(226-230)

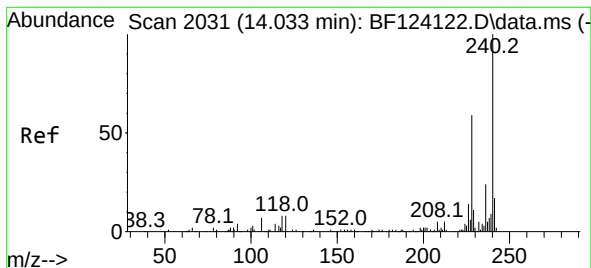
Tgt Ion:188 Resp: 129459  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.9 10.3  
80 8.4 8.2 12.2



#67  
4-Bromophenyl-phenylether  
Concen: 5.538 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. -0.235 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

Tgt Ion:248 Resp: 9841  
Ion Ratio Lower Upper  
248 100  
250 167.3 77.4 116.2#  
141 419.3 63.7 95.5#

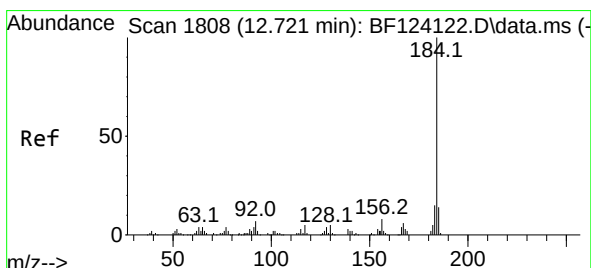
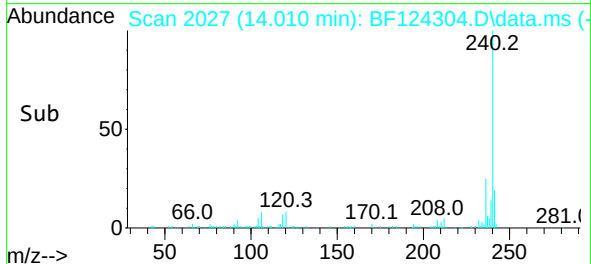
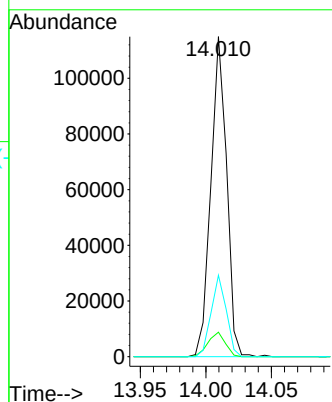
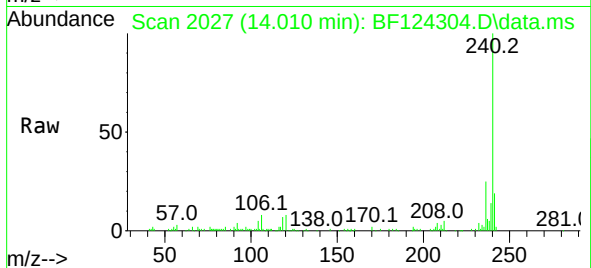




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

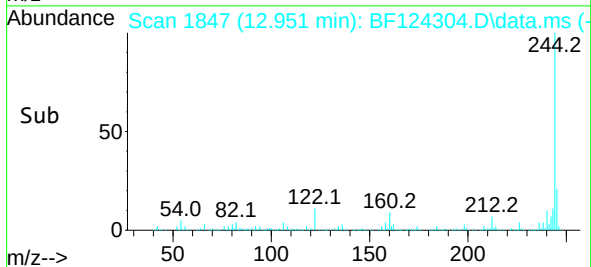
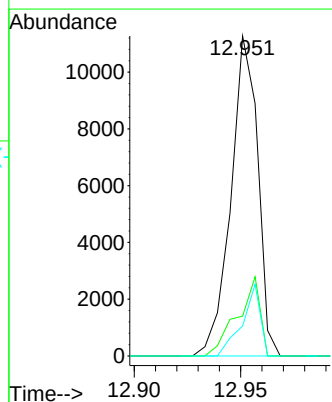
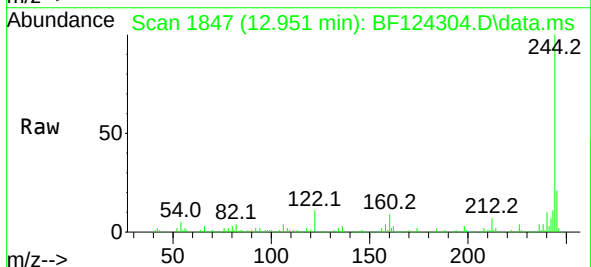
Instrument :  
BNA\_F  
ClientSampleId :  
18-B12(226-230)

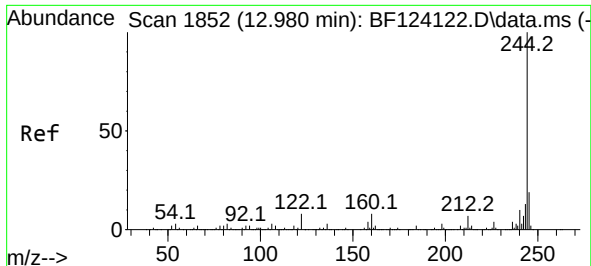
Tgt Ion:240 Resp: 96422  
Ion Ratio Lower Upper  
240 100  
120 7.6 7.2 10.8  
236 25.4 19.0 28.4



#77  
Benzidine  
Concen: 8.078 ng  
RT: 12.951 min Scan# 1847  
Delta R.T. 0.247 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

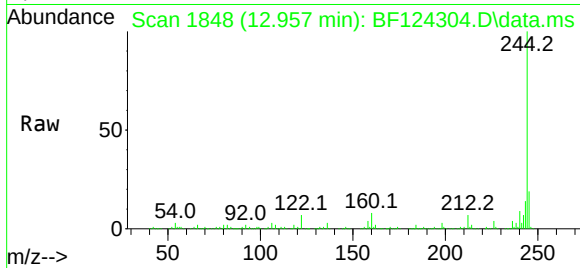
Tgt Ion:184 Resp: 9861  
Ion Ratio Lower Upper  
184 100  
185 12.4 12.1 18.1  
183 9.4 7.8 11.8



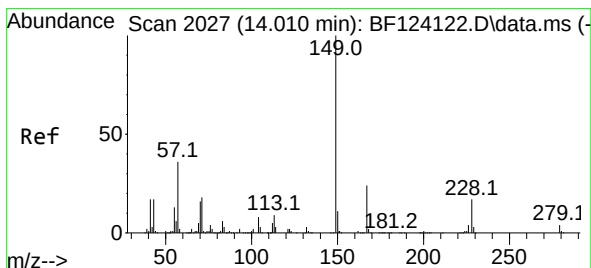
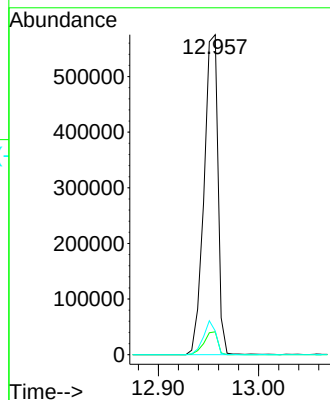
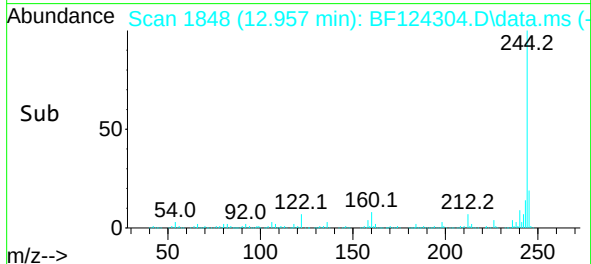


#79  
 Terphenyl-d14  
 Concen: 79.263 ng  
 RT: 12.957 min Scan# 1848  
 Delta R.T. -0.000 min  
 Lab File: BF124304.D  
 Acq: 14 Jun 2021 13:55

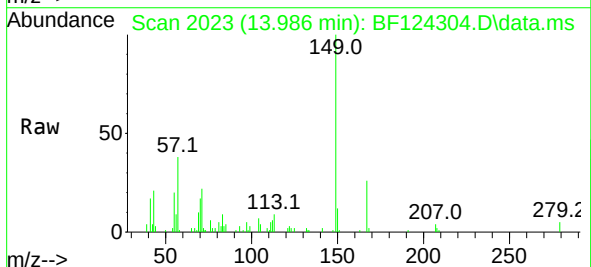
Instrument :  
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 ClientSampleId :  
 18-B12(226-230)



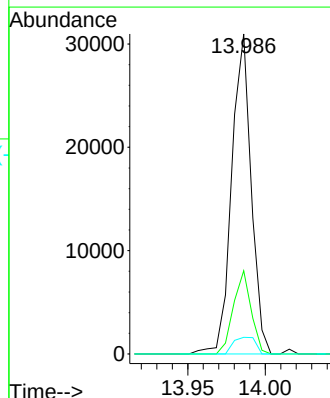
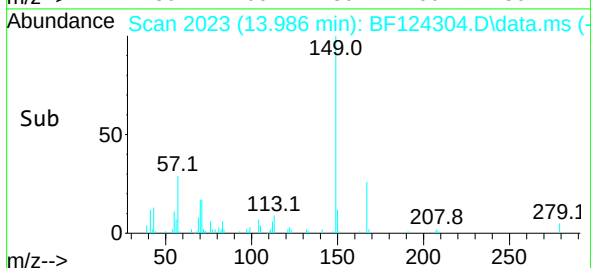
Tgt Ion:244 Resp: 556657  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.7 8.5  
 122 7.4 9.7 14.5#

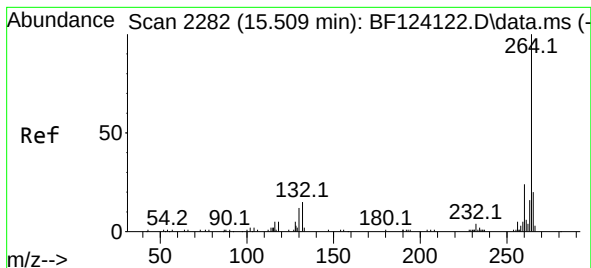


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 6.065 ng  
 RT: 13.986 min Scan# 2023  
 Delta R.T. -0.000 min  
 Lab File: BF124304.D  
 Acq: 14 Jun 2021 13:55



Tgt Ion:149 Resp: 27098  
 Ion Ratio Lower Upper  
 149 100  
 167 26.0 21.8 32.6  
 279 5.2 3.3 4.9#

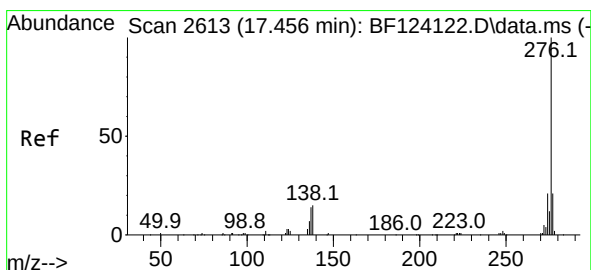
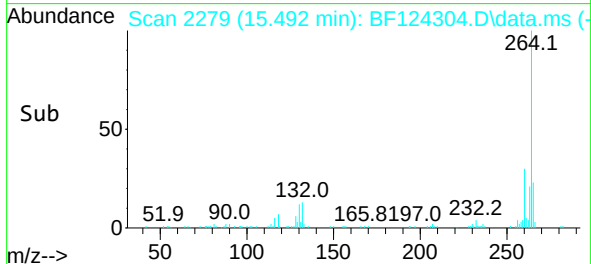
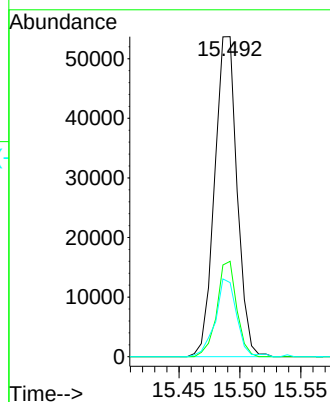
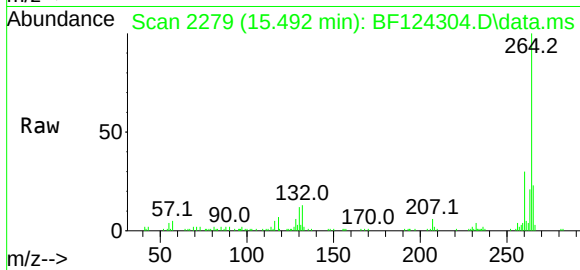




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.492 min Scan# 2279  
Delta R.T. -0.000 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

Instrument :  
BNA\_F  
ClientSampleId :  
18-B12(226-230)

Tgt Ion:264 Resp: 68816  
Ion Ratio Lower Upper  
264 100  
260 29.8 18.7 28.1#  
265 23.1 17.8 26.8



#92  
Benzo(g,h,i)perylene  
Concen: 3.835 ng  
RT: 17.421 min Scan# 2607  
Delta R.T. -0.018 min  
Lab File: BF124304.D  
Acq: 14 Jun 2021 13:55

Tgt Ion:276 Resp: 144  
Ion Ratio Lower Upper  
276 100  
277 0.0 18.2 27.2#  
138 0.0 13.8 20.6#

