

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061021\  
 Data File : BF124231.D  
 Acq On : 10 Jun 2021 13:55  
 Operator : JU/CG  
 Sample : M2658-07  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G-FLOOR-1

Quant Time: Jun 10 14:18:01 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 10 01:53:56 2021  
 Response via : Initial Calibration

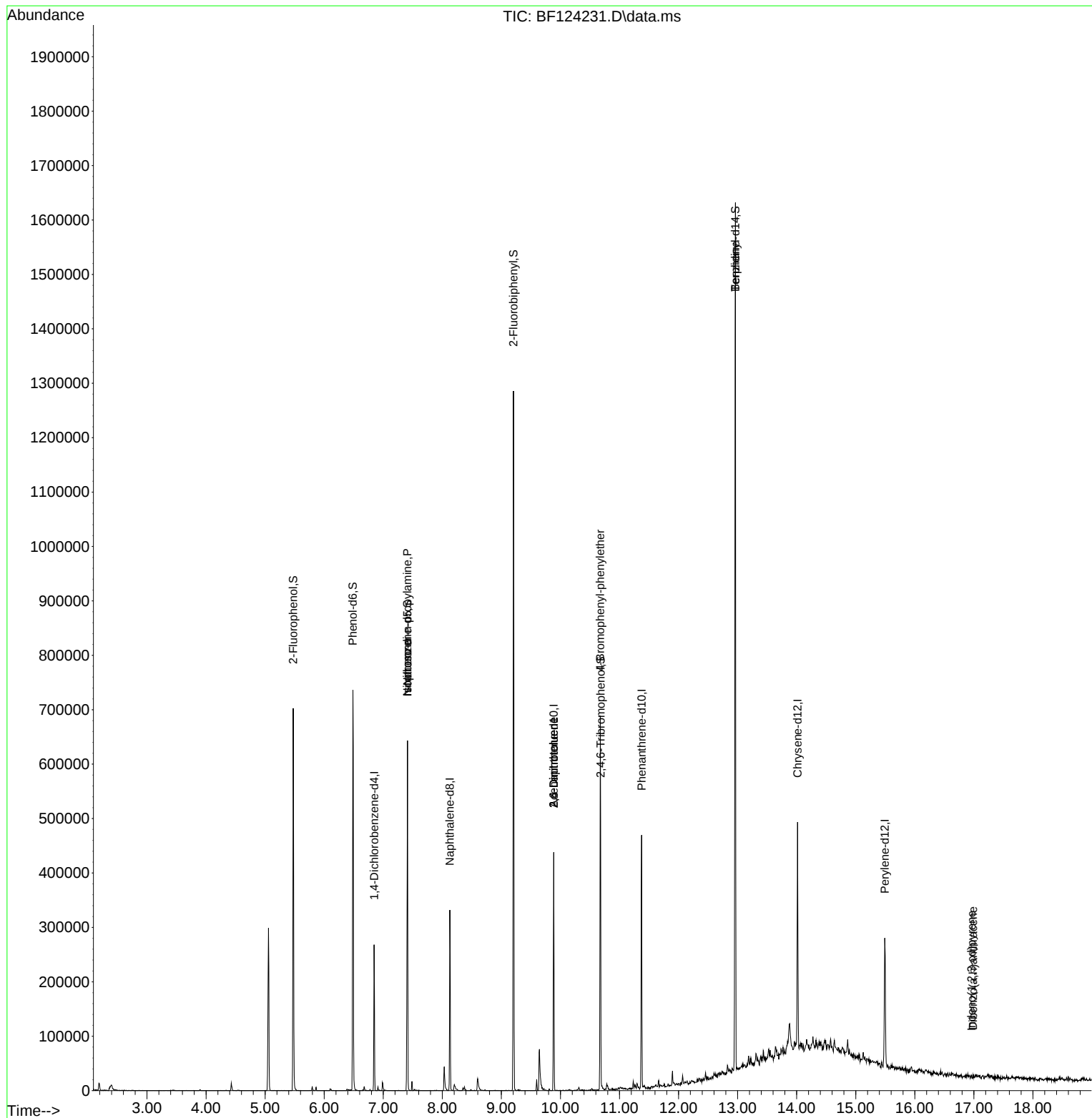
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 31011    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 121611   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 74306    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.374 | 188  | 147169   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.015 | 240  | 121137   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.492 | 264  | 91779    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 144969   | 70.371 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.487  | 99   | 206324   | 74.511 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 174339   | 56.858 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 69953    | 66.449 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 339027   | 57.414 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 480392   | 54.447 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.410  | 70   | 24864    | 12.720 | ng    | # 65     |
| 25) Isophorone                | 7.410  | 82   | 174336   | 31.552 | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.886  | 165  | 9207     | 6.532  | ng    | # 14     |
| 57) 2,4-Dinitrotoluene        | 9.886  | 165  | 9207     | 4.953  | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.675 | 248  | 4797     | 2.375  | ng    | # 1      |
| 77) Benzidine                 | 12.963 | 184  | 8730     | 6.891  | ng    | # 92     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.962 | 276  | 181      | 4.357  | ng    | # 53     |
| 91) Dibenzo(a,h)anthracene    | 16.986 | 278  | 122      | 4.192  | ng    | # 57     |
| -----                         |        |      |          |        |       |          |

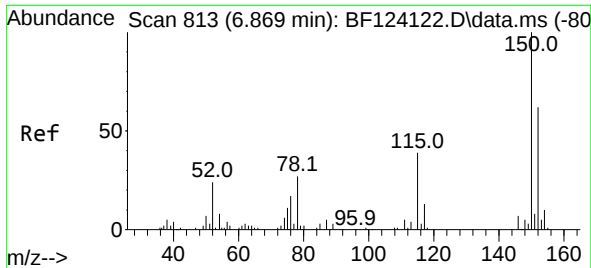
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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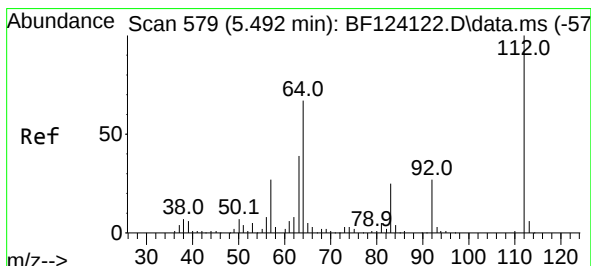
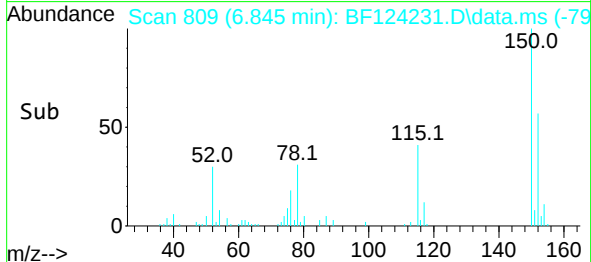
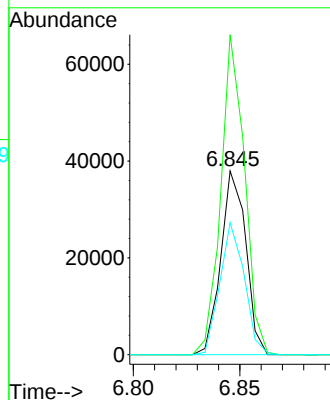
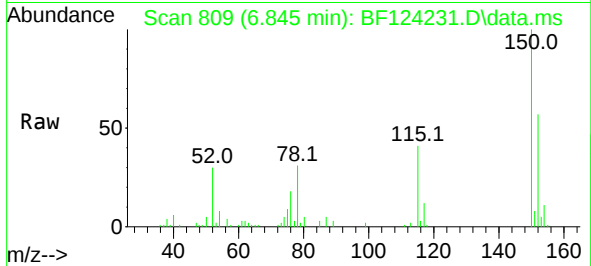




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

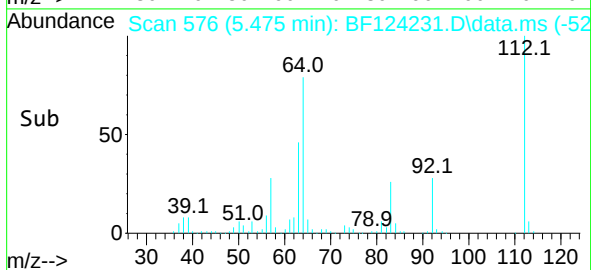
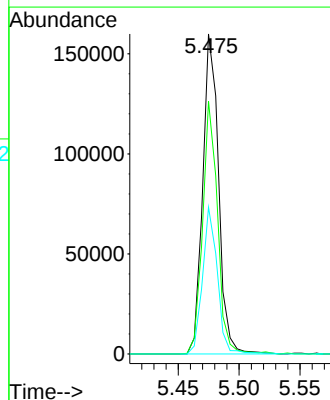
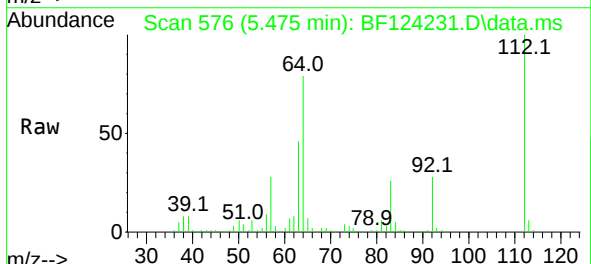
Instrument :  
BNA\_F  
ClientSampleId :  
G-FLOOR-1

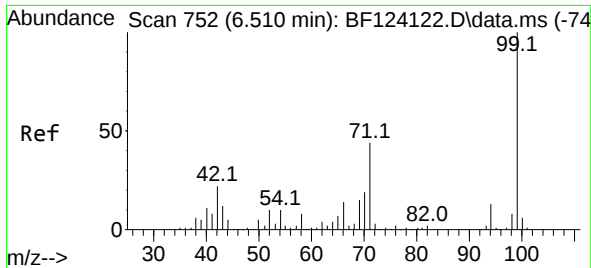
Tgt Ion:152 Resp: 31011  
Ion Ratio Lower Upper  
152 100  
150 174.2 127.0 190.6  
115 71.9 54.3 81.5



#5  
2-Fluorophenol  
Concen: 70.371 ng  
RT: 5.475 min Scan# 576  
Delta R.T. -0.006 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

Tgt Ion:112 Resp: 144969  
Ion Ratio Lower Upper  
112 100  
64 79.0 61.4 92.0  
63 45.8 33.0 49.4

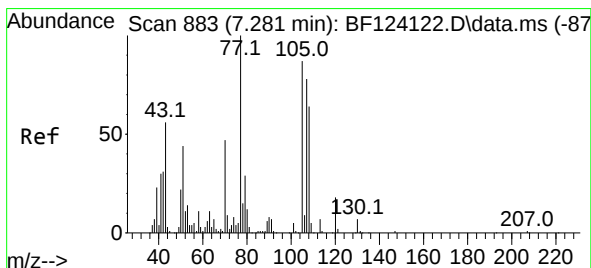
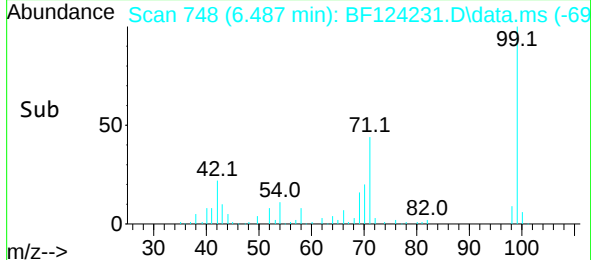
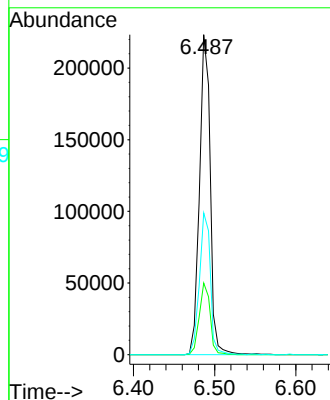
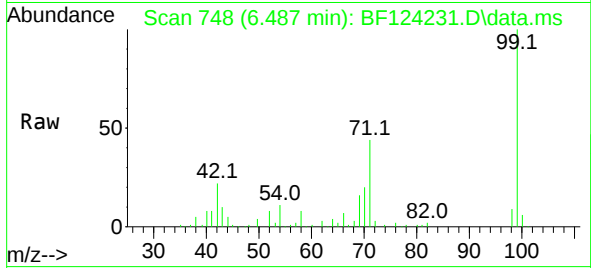




#7  
Phenol-d6  
Concen: 74.511 ng  
RT: 6.487 min Scan# 748  
Delta R.T. -0.012 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

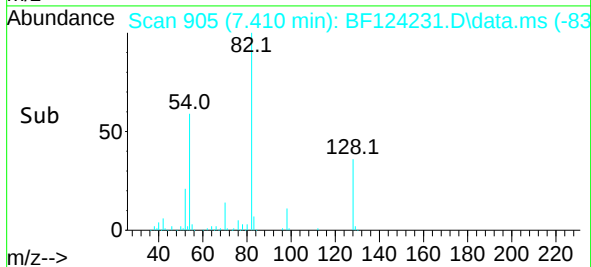
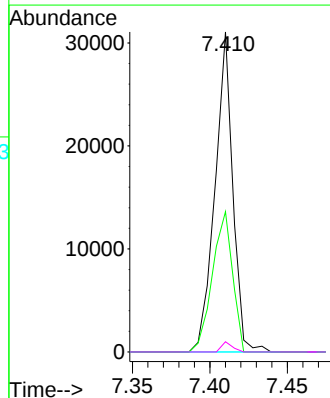
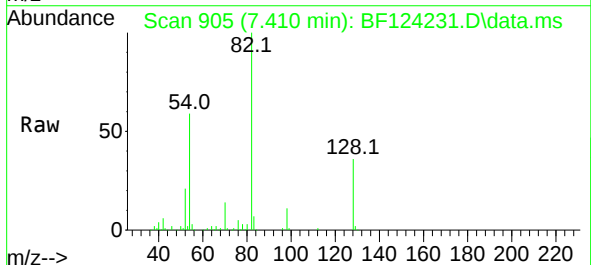
Instrument :  
BNA\_F  
ClientSampled :  
G-FLOOR-1

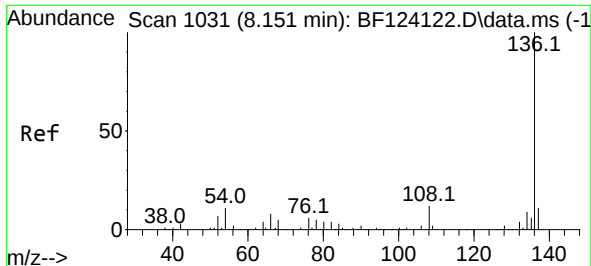
Tgt Ion: 99 Resp: 206324  
Ion Ratio Lower Upper  
99 100  
42 22.4 19.8 29.8  
71 44.3 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.720 ng  
RT: 7.410 min Scan# 905  
Delta R.T. 0.141 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

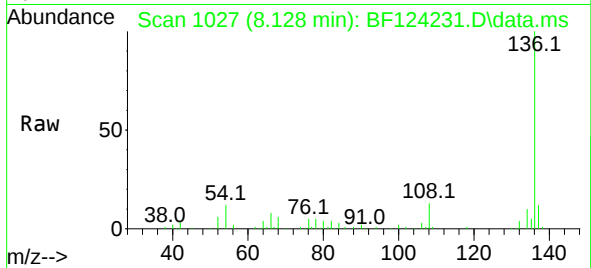
Tgt Ion: 70 Resp: 24864  
Ion Ratio Lower Upper  
70 100  
42 43.8 60.1 90.1#  
101 0.0 7.4 11.2#  
130 3.2 14.2 21.2#



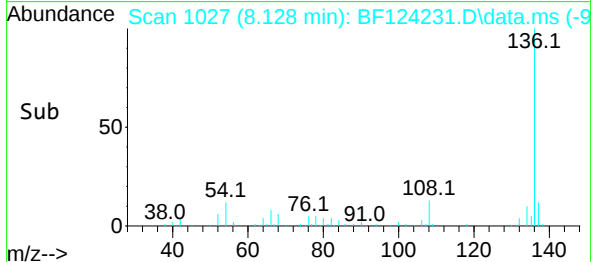
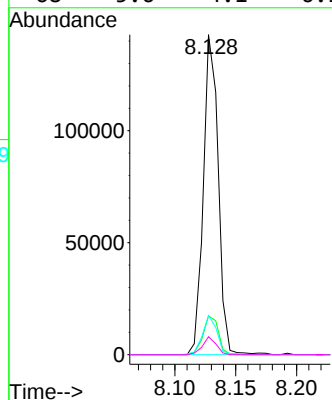


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

Instrument :  
BNA\_F  
ClientSampleId :  
G-FLOOR-1

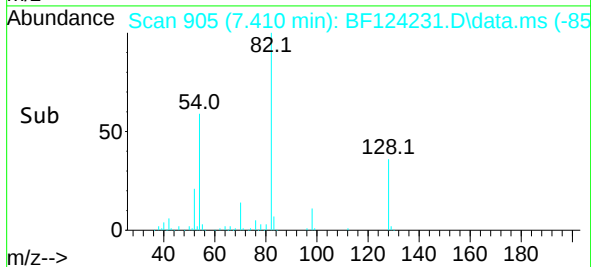
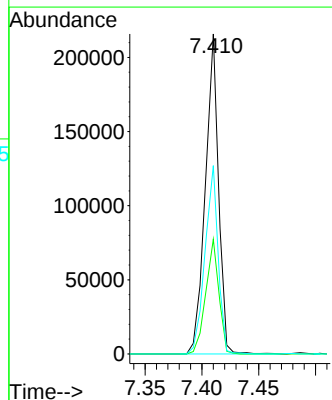
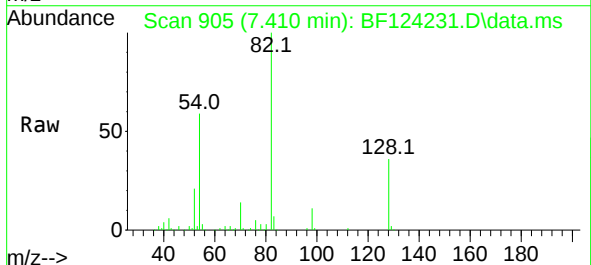


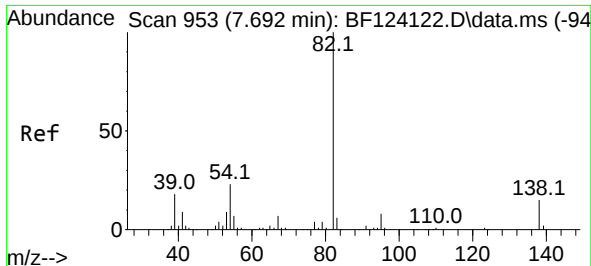
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 121611 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 12.1  | 8.7   | 13.1   |
| 54        | 12.2  | 9.8   | 14.6   |
| 68        | 5.6   | 4.1   | 6.1    |



#23  
Nitrobenzene-d5  
Concen: 56.858 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 174339 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 35.8  | 29.4  | 44.2   |
| 54        | 58.8  | 54.1  | 81.1   |

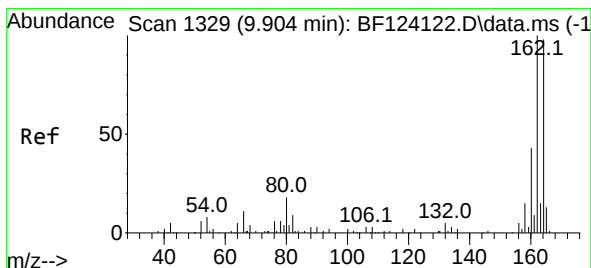
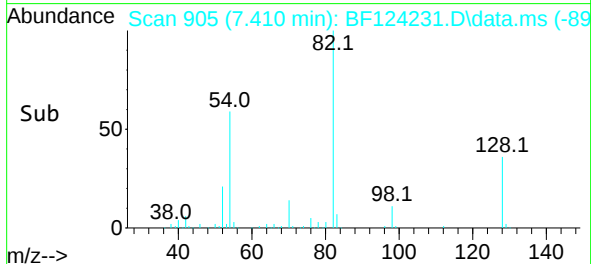
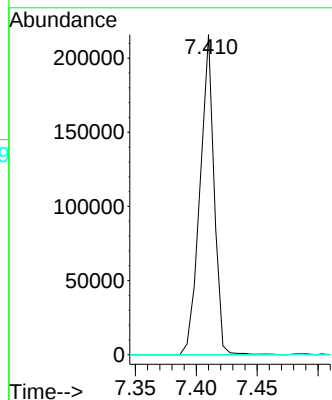
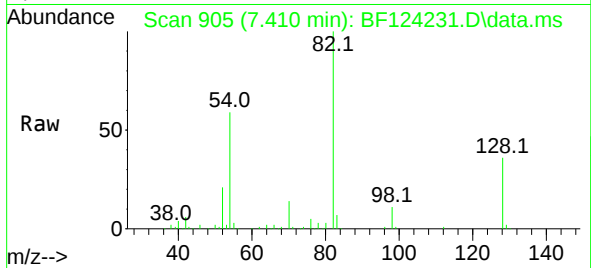




#25  
Isophorone  
Concen: 31.552 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.265 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

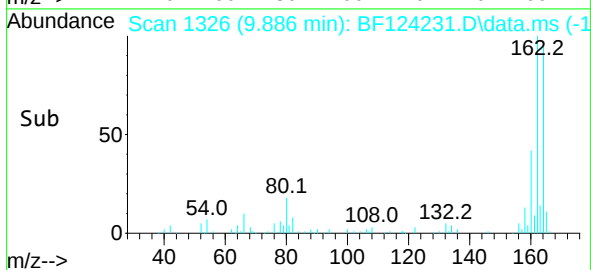
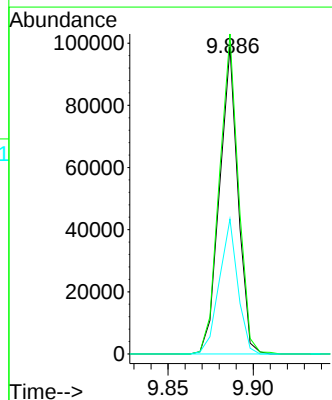
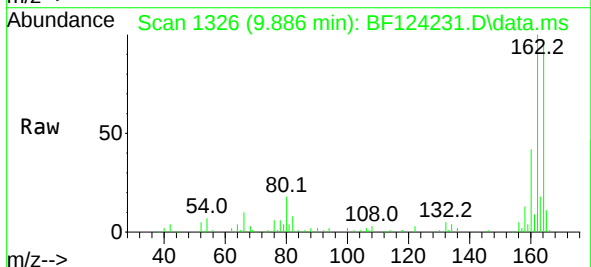
Instrument :  
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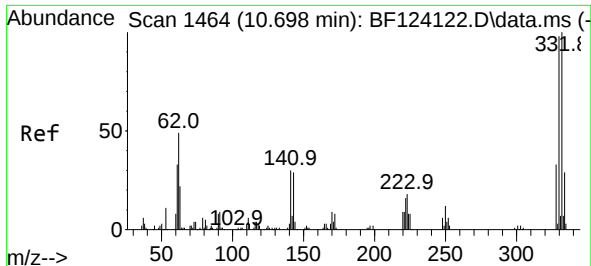
Tgt Ion: 82 Resp: 174336  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

Tgt Ion: 164 Resp: 74306  
Ion Ratio Lower Upper  
164 100  
162 104.1 80.7 121.1  
160 43.9 37.3 55.9

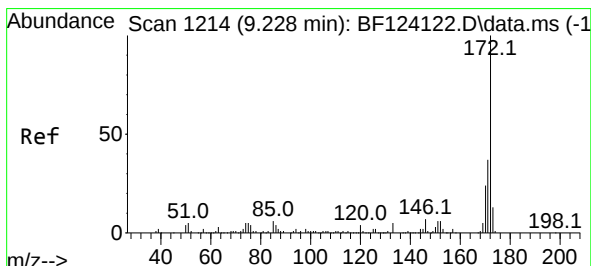
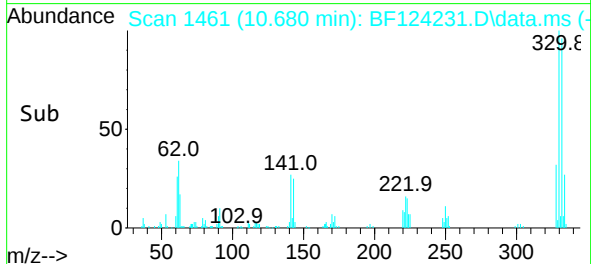
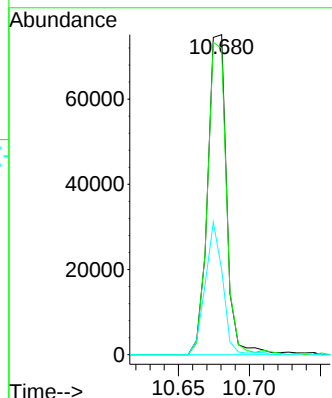
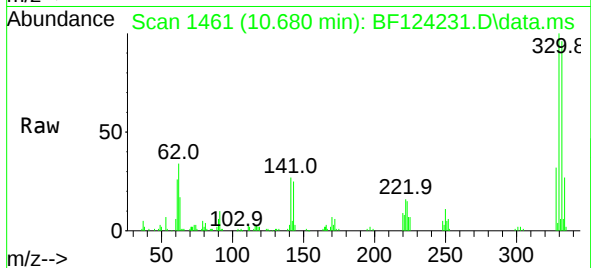




#42  
2,4,6-Tribromophenol  
Concen: 66.449 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

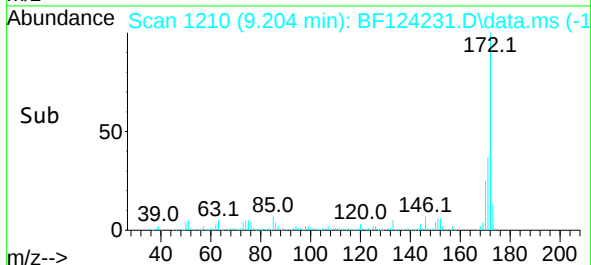
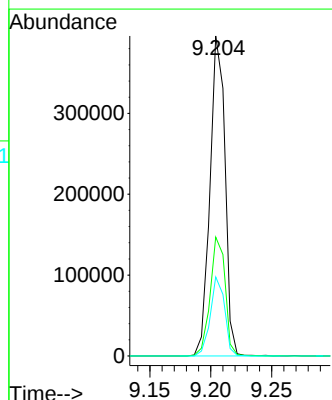
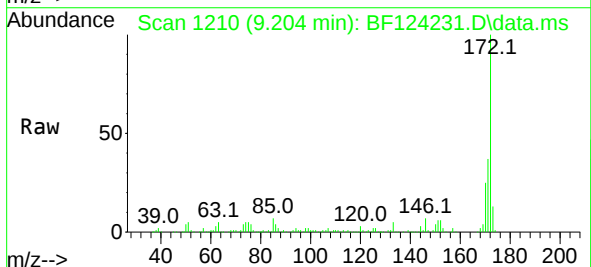
Instrument :  
BNA\_F  
ClientSampled :  
G-FLOOR-1

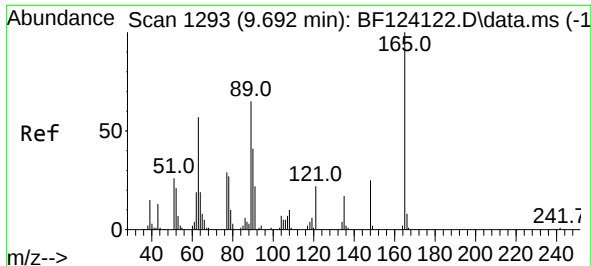
Tgt Ion:330 Resp: 69953  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.1 115.7  
141 38.3 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 57.414 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. -0.006 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

Tgt Ion:172 Resp: 339027  
Ion Ratio Lower Upper  
172 100  
171 37.2 28.1 42.1  
170 24.7 19.2 28.8

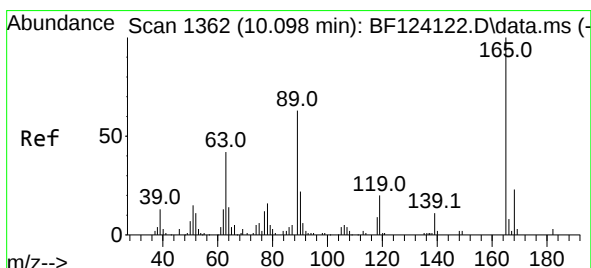
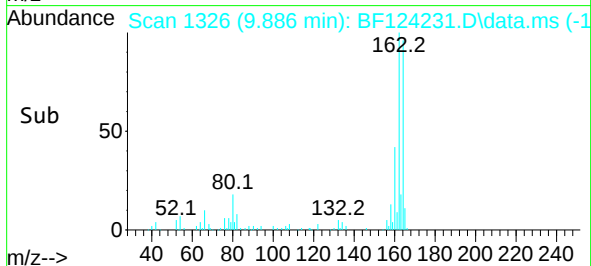
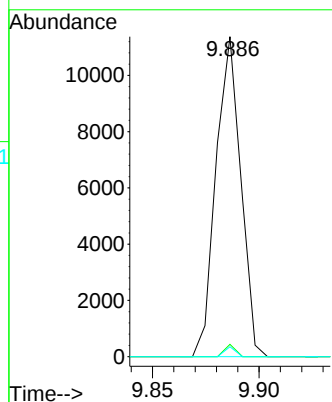
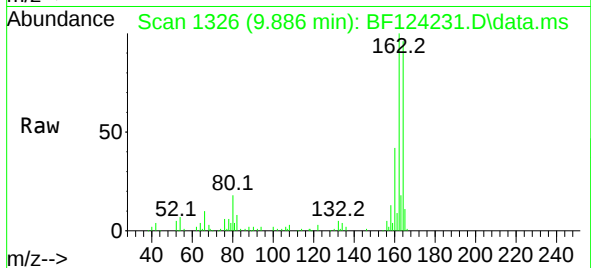




#51  
2,6-Dinitrotoluene  
Concen: 6.532 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. 0.206 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

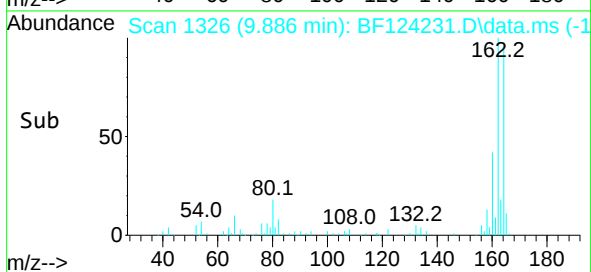
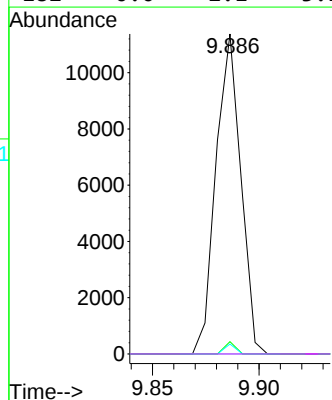
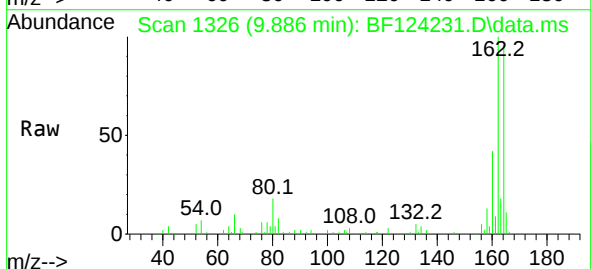
Instrument :  
BNA\_F  
ClientSampleId :  
G-FLOOR-1

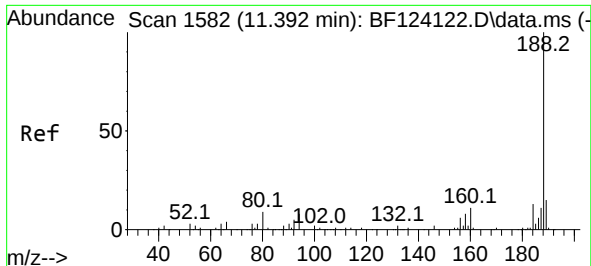
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Ion Ratio Lower Upper  
165 100  
63 3.9 67.7 101.5#  
89 3.1 58.8 88.2#



#57  
2,4-Dinitrotoluene  
Concen: 4.953 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.200 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

Tgt Ion:165 Resp: 9207  
Ion Ratio Lower Upper  
165 100  
63 3.9 43.5 65.3#  
89 3.1 67.7 101.5#  
182 0.0 2.1 3.1#

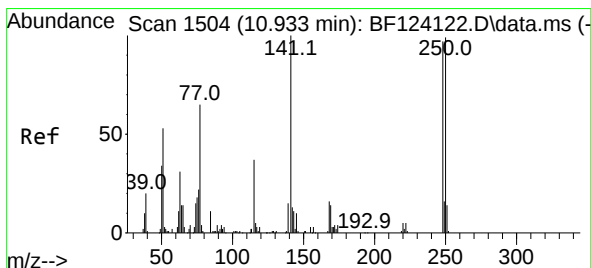
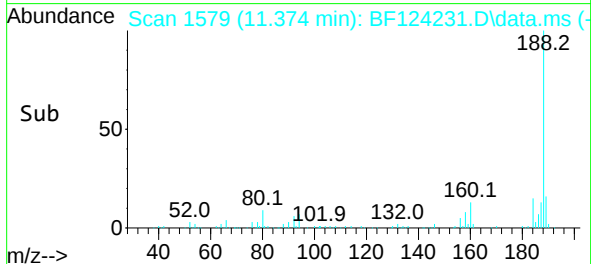
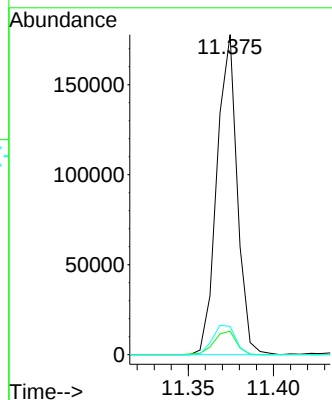
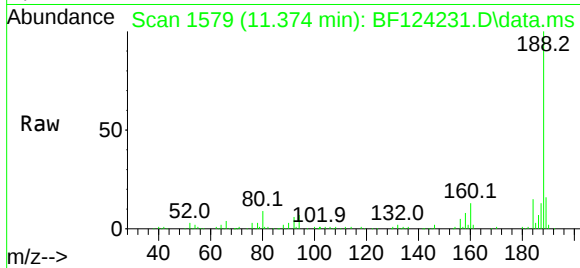




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.374 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

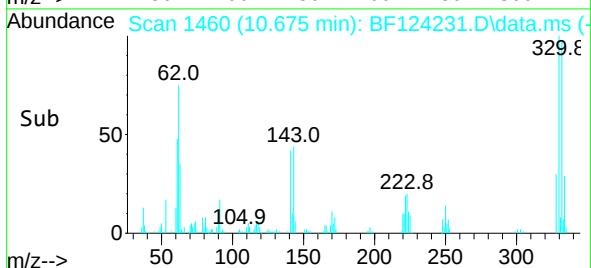
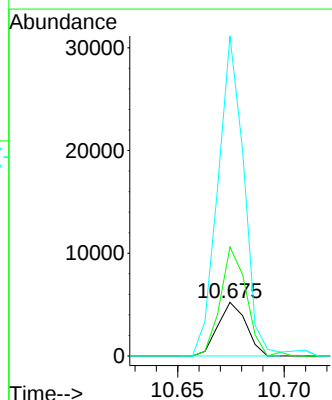
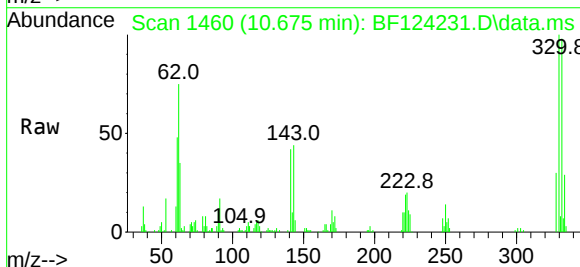
Instrument :  
BNA\_F  
ClientSampled :  
G-FLOOR-1

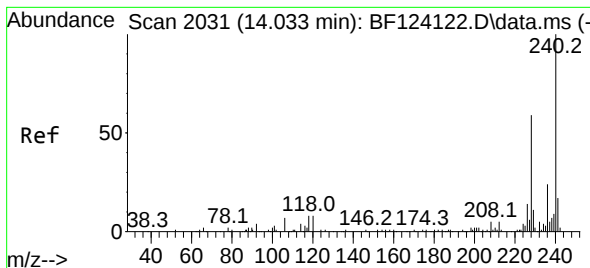
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Ion Ratio Lower Upper  
188 100  
94 7.3 6.9 10.3  
80 8.9 8.2 12.2



#67  
4-Bromophenyl-phenylether  
Concen: 2.375 ng  
RT: 10.675 min Scan# 1460  
Delta R.T. -0.247 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

Tgt Ion:248 Resp: 4797  
Ion Ratio Lower Upper  
248 100  
250 203.4 77.4 116.2#  
141 597.6 63.7 95.5#

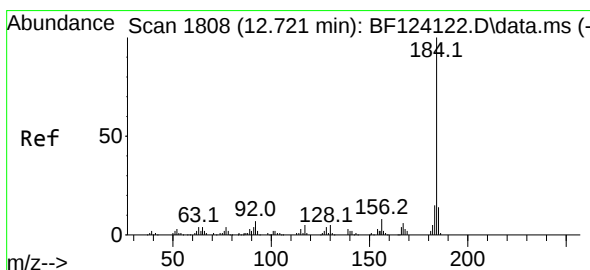
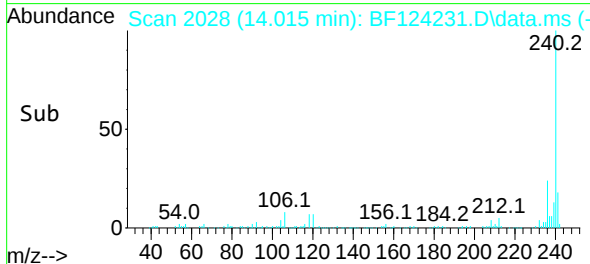
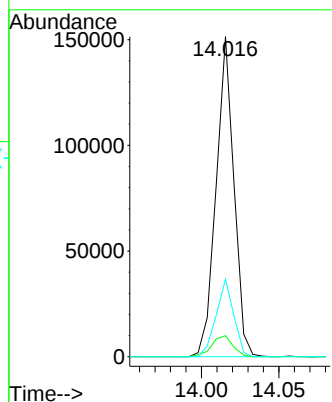
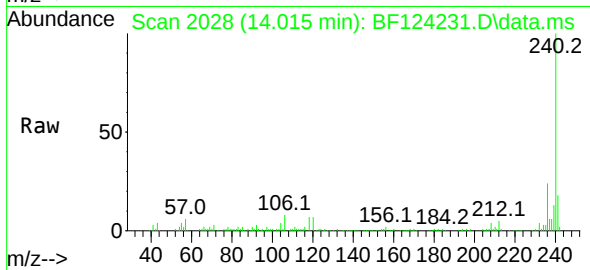




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.015 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

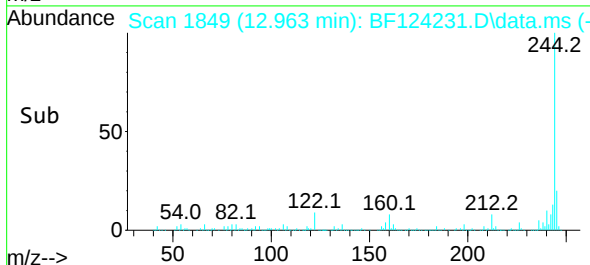
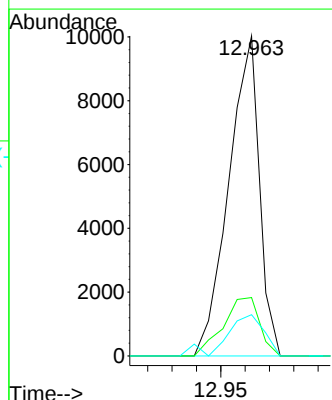
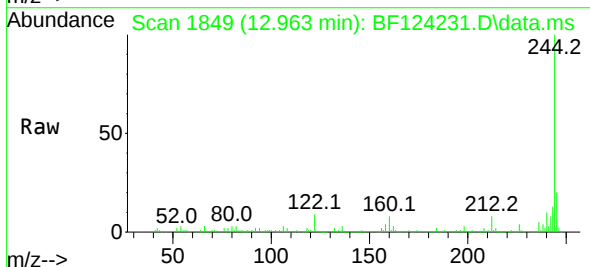
Instrument :  
BNA\_F  
ClientSampleId :  
G-FLOOR-1

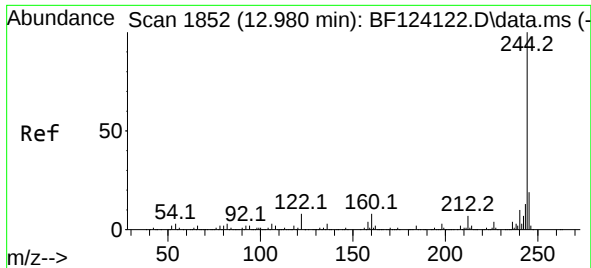
Tgt Ion:240 Resp: 121137  
Ion Ratio Lower Upper  
240 100  
120 6.5 7.2 10.8#  
236 24.3 19.0 28.4



#77  
Benzidine  
Concen: 6.891 ng  
RT: 12.963 min Scan# 1849  
Delta R.T. 0.253 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

Tgt Ion:184 Resp: 8730  
Ion Ratio Lower Upper  
184 100  
185 18.3 12.1 18.1#  
183 12.9 7.8 11.8#

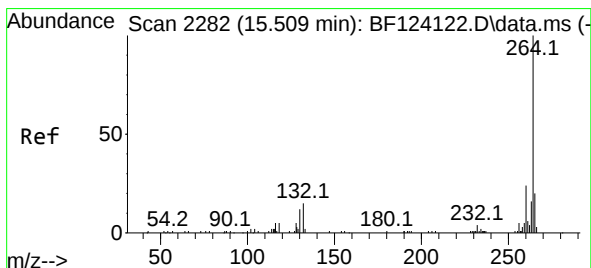
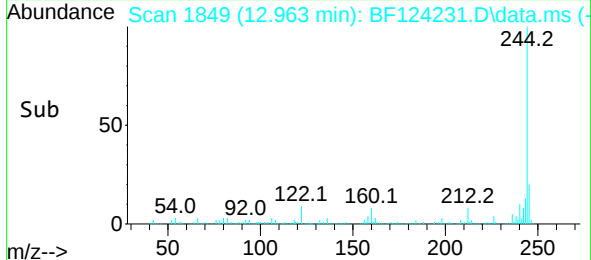
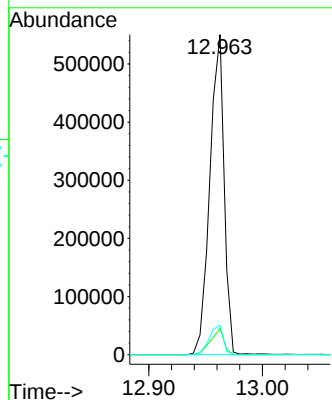
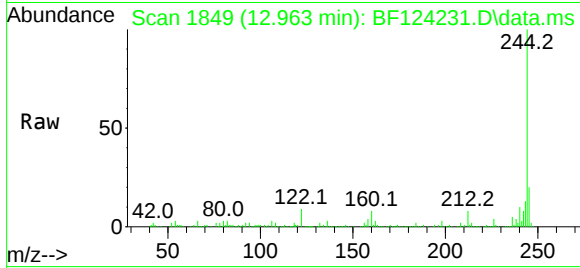




#79  
Terphenyl-d14  
Concen: 54.447 ng  
RT: 12.963 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

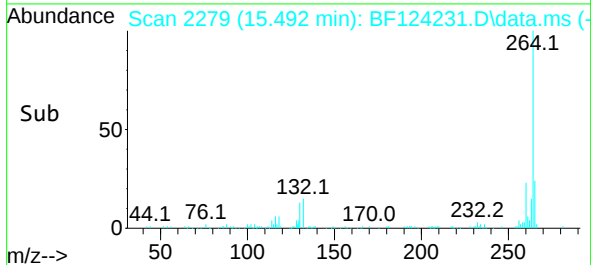
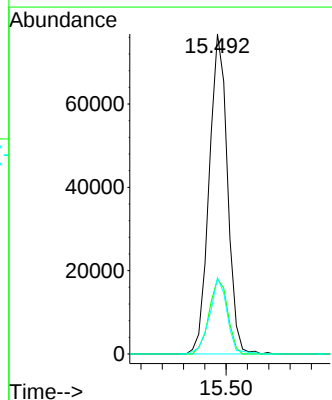
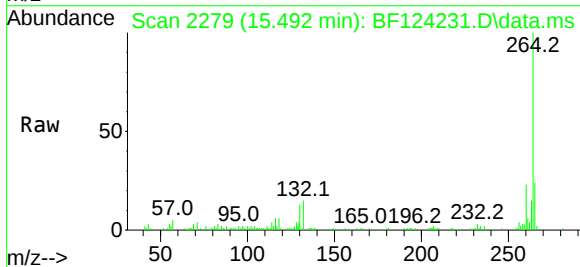
Instrument :  
BNA\_F  
ClientSampleId :  
G-FLOOR-1

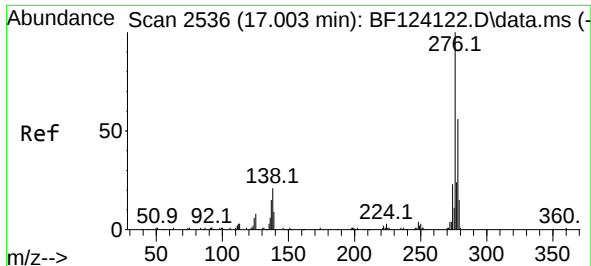
Tgt Ion:244 Resp: 480392  
Ion Ratio Lower Upper  
244 100  
212 8.1 5.7 8.5  
122 9.1 9.7 14.5#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.492 min Scan# 2279  
Delta R.T. 0.000 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

Tgt Ion:264 Resp: 91779  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.7 28.1  
265 23.8 17.8 26.8

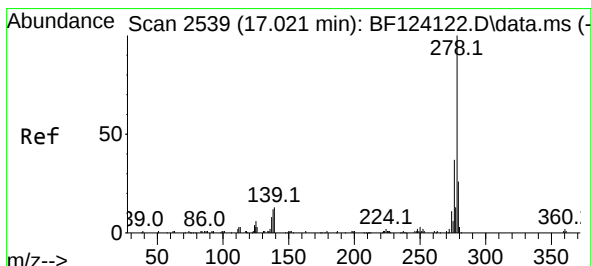
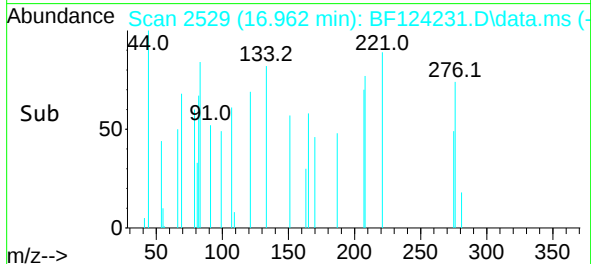
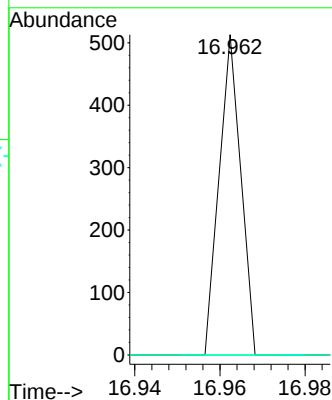
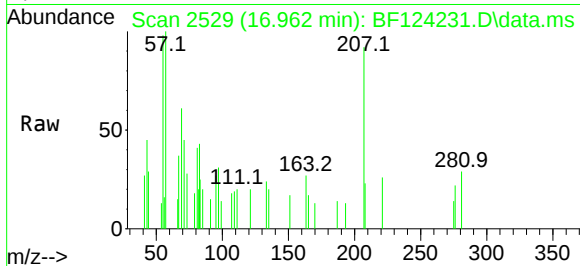




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.357 ng  
RT: 16.962 min Scan# 2529  
Delta R.T. -0.017 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

Instrument :  
BNA\_F  
ClientSampleId :  
G-FLOOR-1

Tgt Ion:276 Resp: 181  
Ion Ratio Lower Upper  
276 100  
138 0.0 16.2 24.2#  
277 0.0 20.1 30.1#



#91  
Dibenzo(a,h)anthracene  
Concen: 4.192 ng  
RT: 16.986 min Scan# 2533  
Delta R.T. -0.006 min  
Lab File: BF124231.D  
Acq: 10 Jun 2021 13:55

Tgt Ion:278 Resp: 122  
Ion Ratio Lower Upper  
278 100  
139 0.0 10.2 15.2#  
279 0.0 19.4 29.0#

