

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072321\  
 Data File : BF124705.D  
 Acq On : 23 Jul 2021 9:35  
 Operator : JU/CG  
 Sample : PB137864BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB137864BL

Quant Time: Jul 23 11:42:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 15:28:57 2021  
 Response via : Initial Calibration

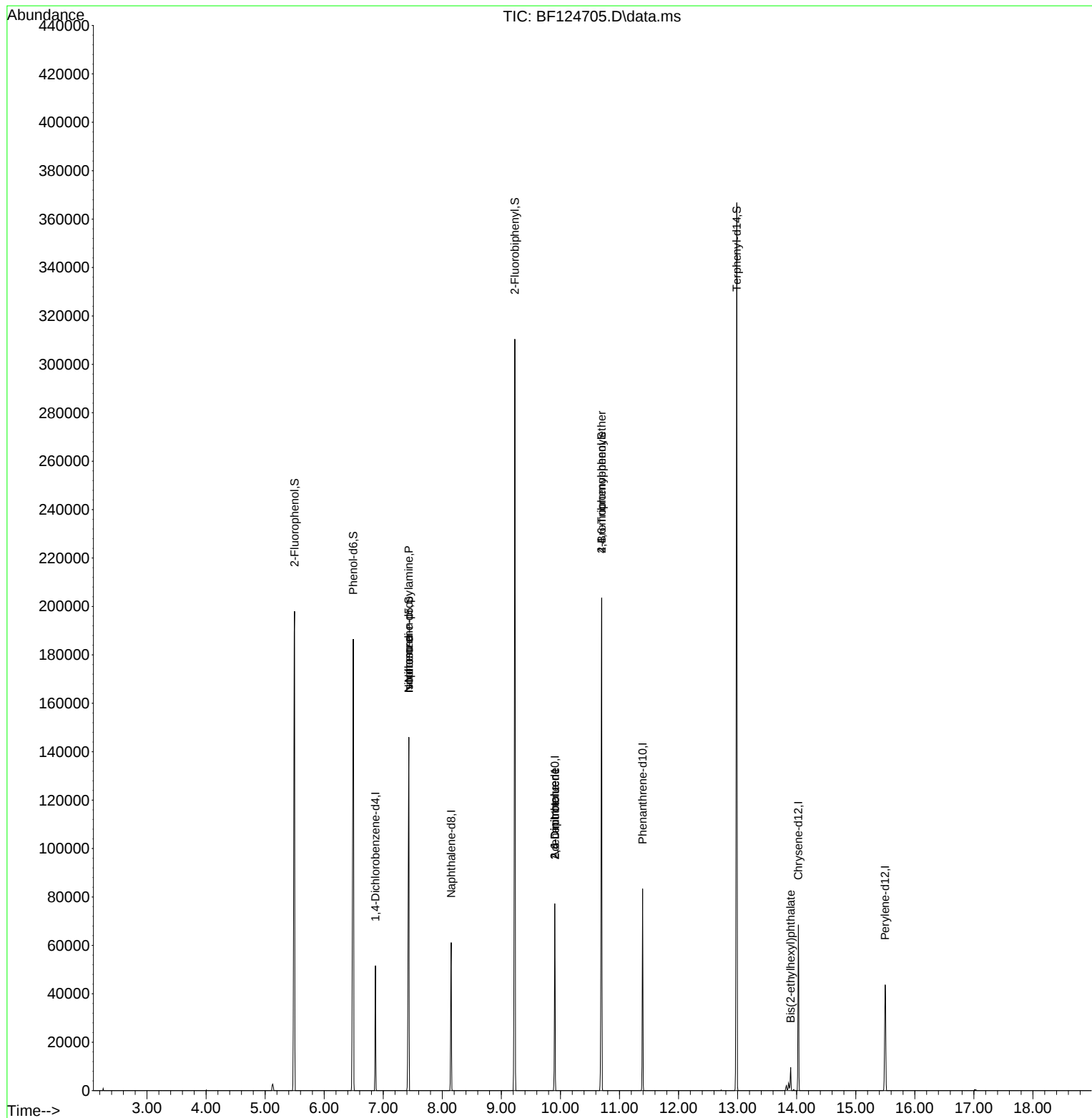
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 7520     | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 29240    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 16257    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.392 | 188  | 29162    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 24769    | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.498 | 264  | 22354    | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 64107    | 144.340 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.492  | 99   | 76600    | 137.572 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 47616    | 96.922  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 20579    | 147.433 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 105737   | 95.529  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 128338   | 88.817  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.434  | 70   | 6025     | 20.264  | ng    | # 74     |
| 25) Isophorone                | 7.434  | 82   | 47377    | 54.538  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.904  | 165  | 1803     | 7.291   | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.904  | 165  | 1803     | 5.373   | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.698 | 248  | 1787     | 5.778   | ng    | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 13.898 | 149  | 3064     | 2.215   | ng    | # 53     |
| -----                         |        |      |          |         |       |          |

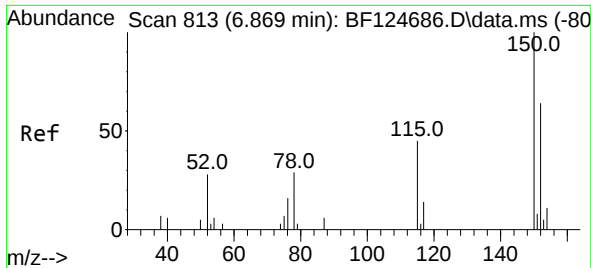
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072321\  
Data File : BF124705.D  
Acq On : 23 Jul 2021 9:35  
Operator : JU/CG  
Sample : PB137864BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB137864BL

Quant Time: Jul 23 11:42:57 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 22 15:28:57 2021  
Response via : Initial Calibration

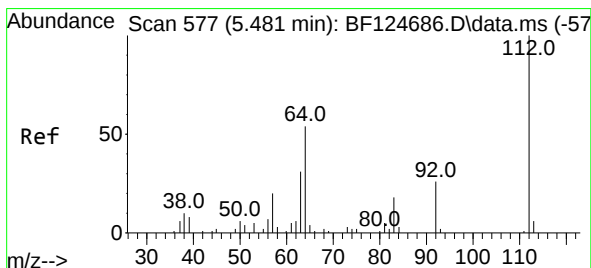
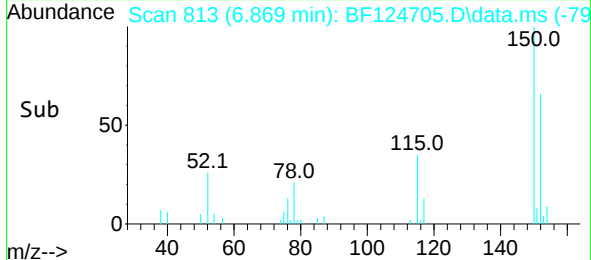
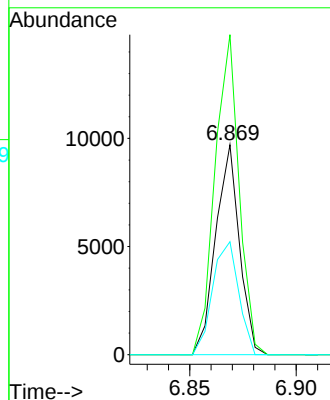
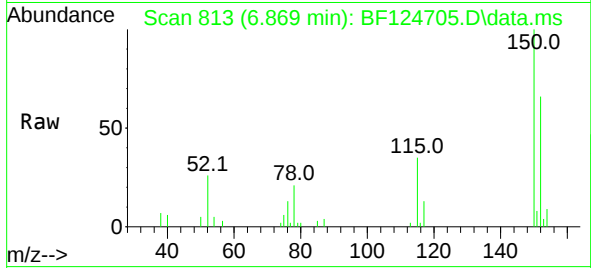




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

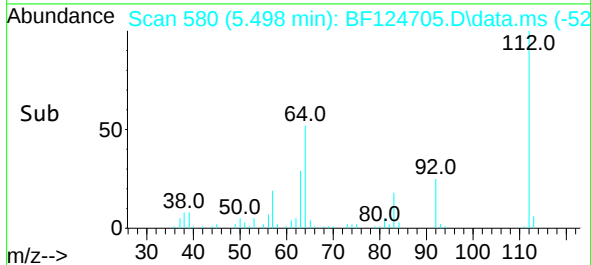
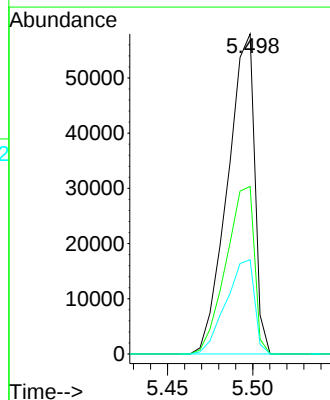
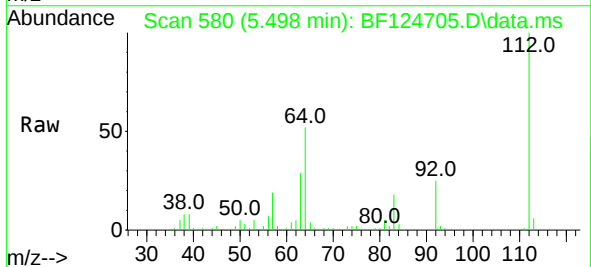
Instrument :  
BNA\_F  
ClientSampleId :  
PB137864BL

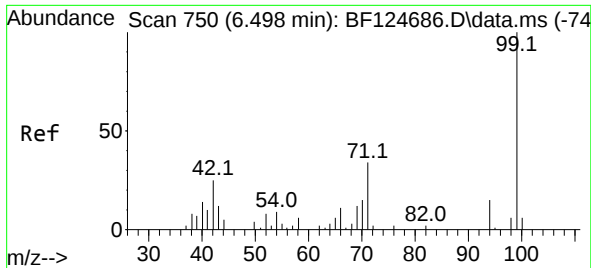
Tgt Ion:152 Resp: 7520  
Ion Ratio Lower Upper  
152 100  
150 152.5 117.6 176.4  
115 53.8 47.1 70.7



#5  
2-Fluorophenol  
Concen: 144.340 ng  
RT: 5.498 min Scan# 580  
Delta R.T. 0.018 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

Tgt Ion:112 Resp: 64107  
Ion Ratio Lower Upper  
112 100  
64 52.3 44.2 66.2  
63 29.4 26.2 39.2

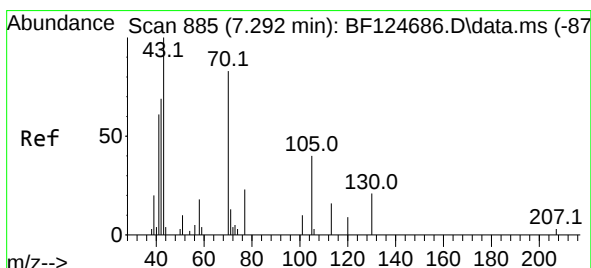
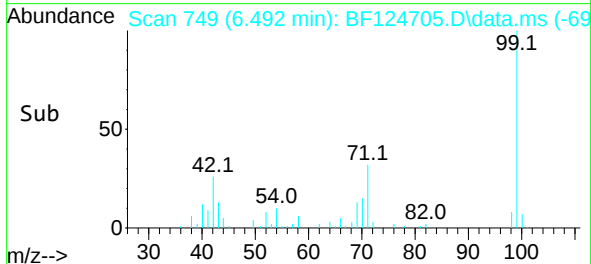
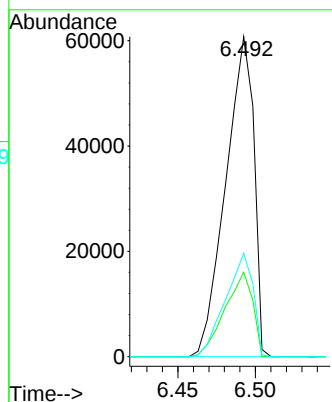
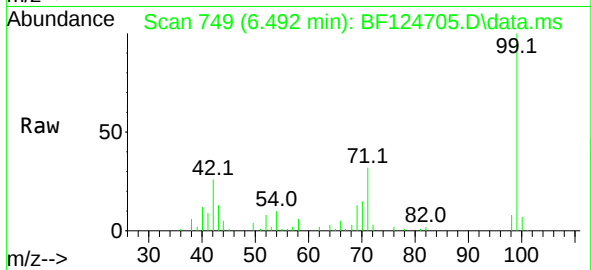




#7  
Phenol-d6  
Concen: 137.572 ng  
RT: 6.492 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

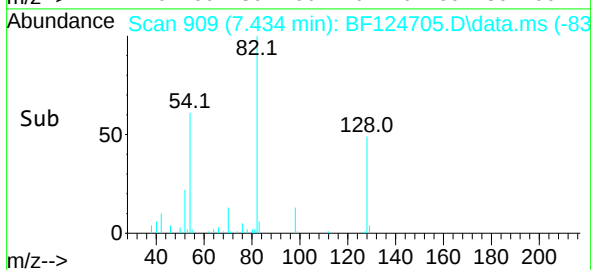
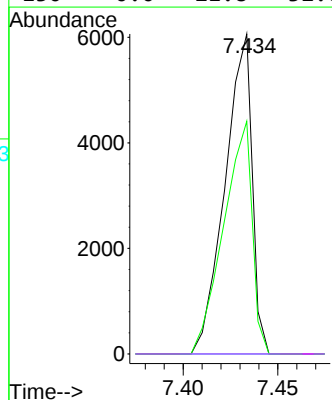
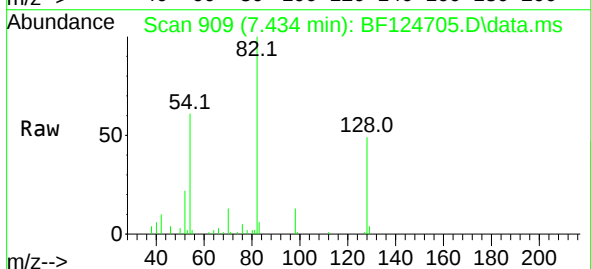
Instrument :  
BNA\_F  
ClientSampleId :  
PB137864BL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 76600 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 26.4  | 23.5  | 35.3  |
| 71       | 32.3  | 25.6  | 38.4  |



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.264 ng  
RT: 7.434 min Scan# 909  
Delta R.T. 0.141 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 6025  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 72.7  | 72.2  | 108.2 |
| 101      | 0.0   | 7.8   | 11.8# |
| 130      | 0.0   | 21.8  | 32.6# |

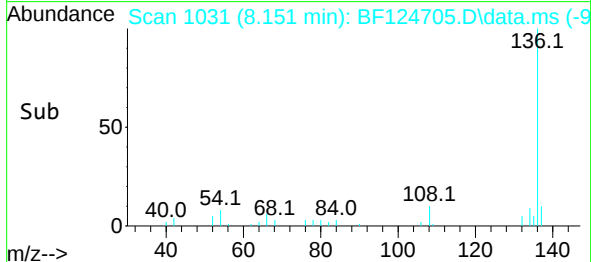
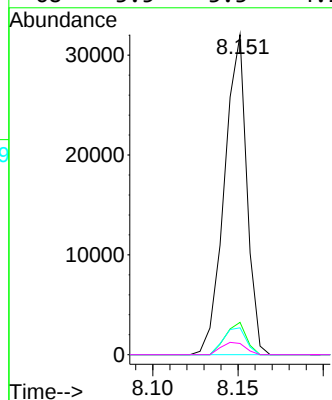
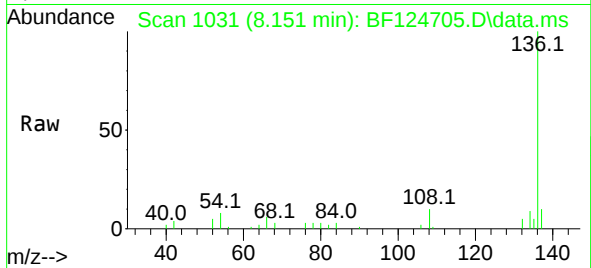




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

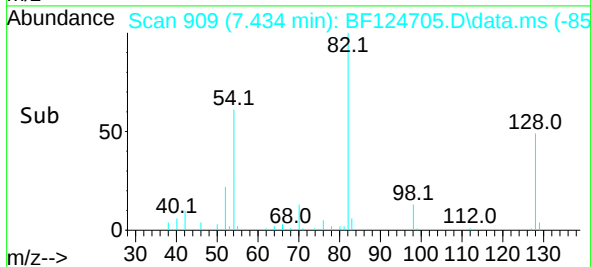
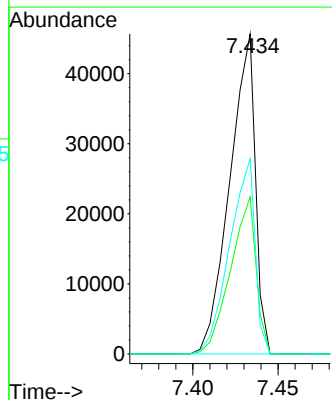
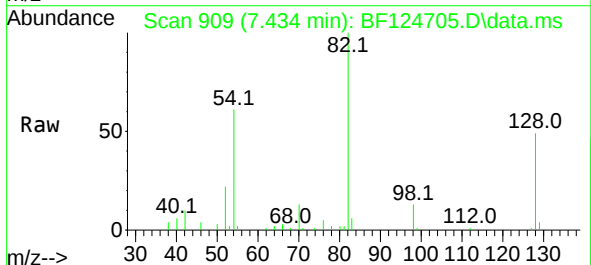
Instrument :  
BNA\_F  
ClientSampleId :  
PB137864BL

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 29240    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.1  | 9.8 14.6 |
| 54          | 8.4   | 6.4 9.6  |
| 68          | 3.5   | 3.3 4.9  |



#23  
Nitrobenzene-d5  
Concen: 96.922 ng  
RT: 7.434 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 47616     |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 49.0  | 40.6 60.8 |
| 54          | 61.0  | 49.6 74.4 |

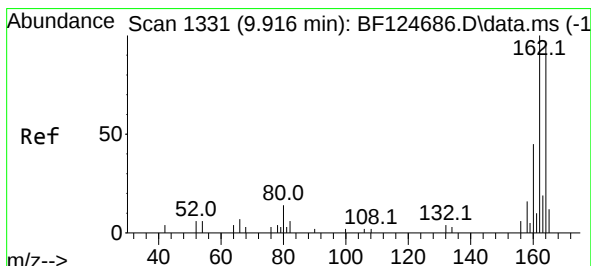
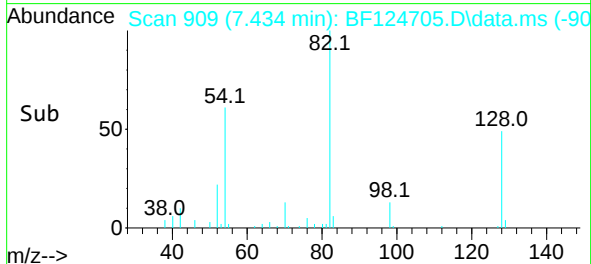
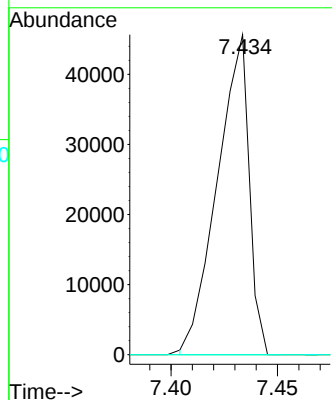
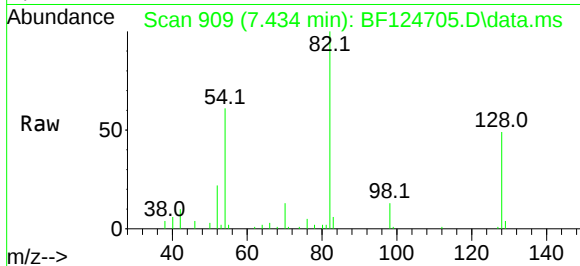




#25  
Isophorone  
Concen: 54.538 ng  
RT: 7.434 min Scan# 909  
Delta R.T. -0.265 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

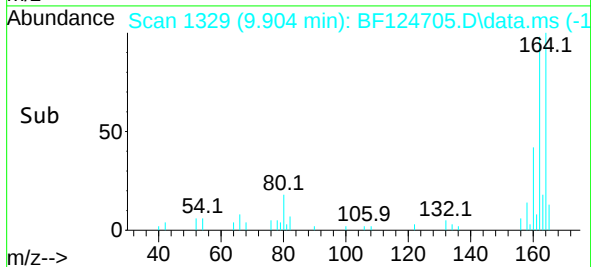
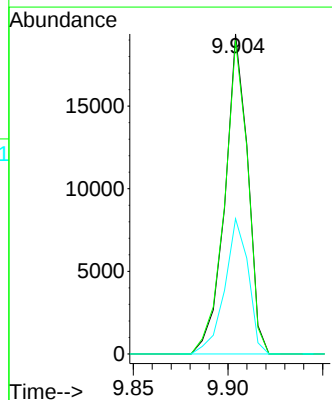
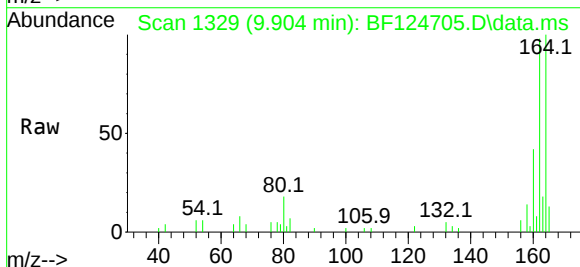
Instrument :  
BNA\_F  
ClientSampleId :  
PB137864BL

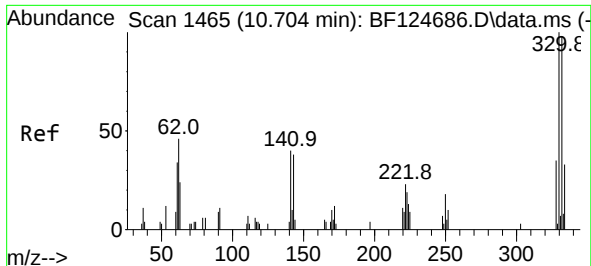
Tgt Ion: 82 Resp: 47377  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.012 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

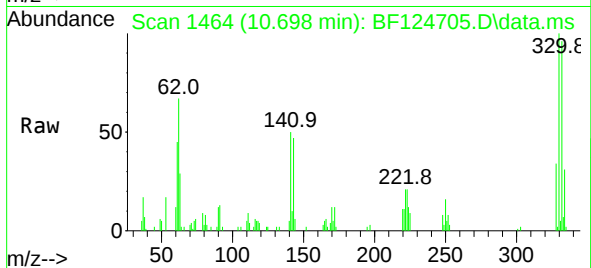
Tgt Ion:164 Resp: 16257  
Ion Ratio Lower Upper  
164 100  
162 98.0 81.3 121.9  
160 42.3 38.0 57.0



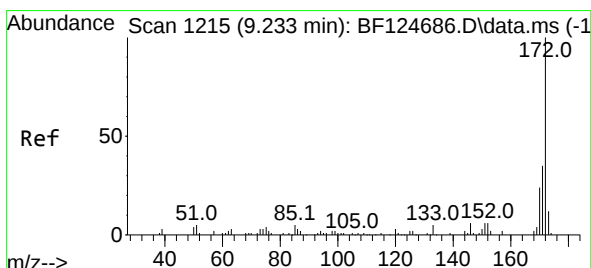
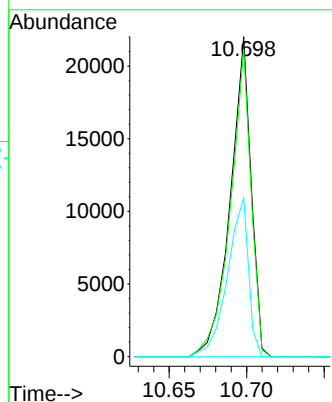
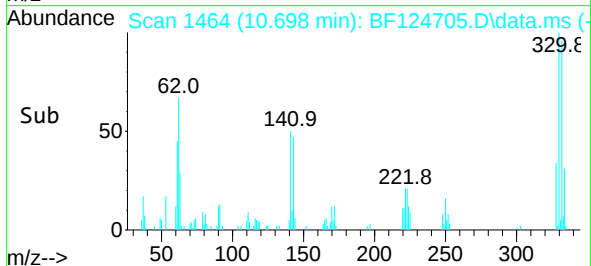


#42  
2,4,6-Tribromophenol  
Concen: 147.433 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

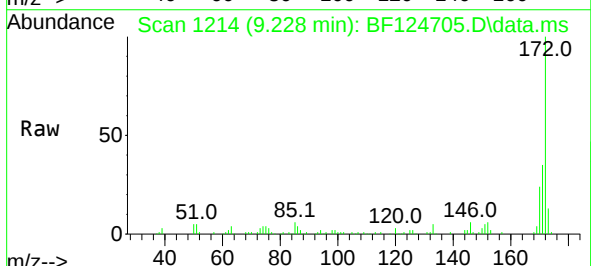
Instrument :  
BNA\_F  
ClientSampleId :  
PB137864BL



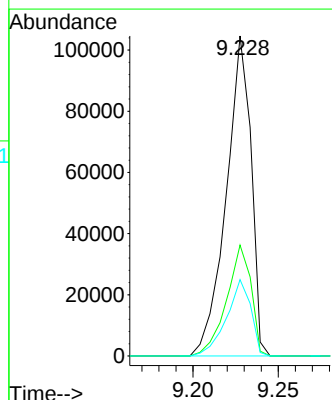
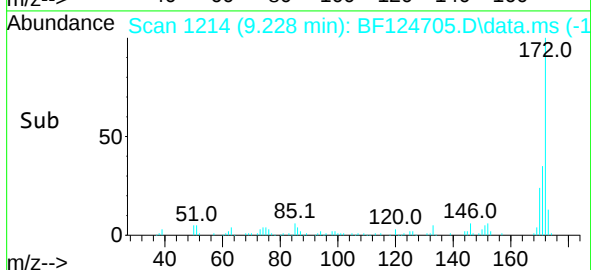
Tgt Ion: 330 Resp: 20579  
Ion Ratio Lower Upper  
330 100  
332 95.2 76.2 114.4  
141 50.1 44.6 66.8

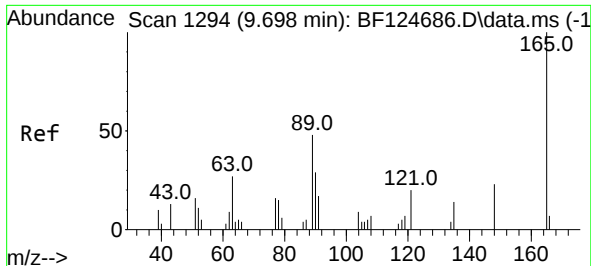


#45  
2-Fluorobiphenyl  
Concen: 95.529 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35



Tgt Ion: 172 Resp: 105737  
Ion Ratio Lower Upper  
172 100  
171 34.6 26.5 39.7  
170 23.8 18.8 28.2

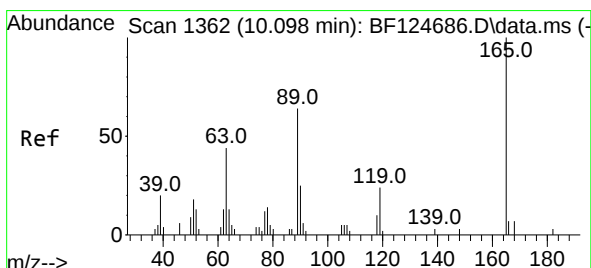
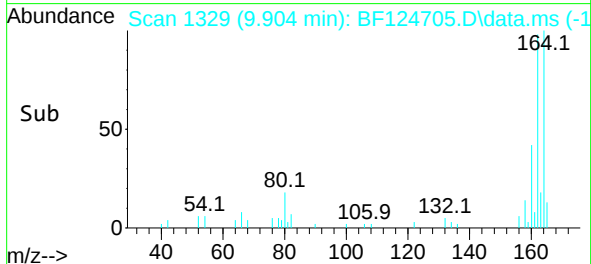
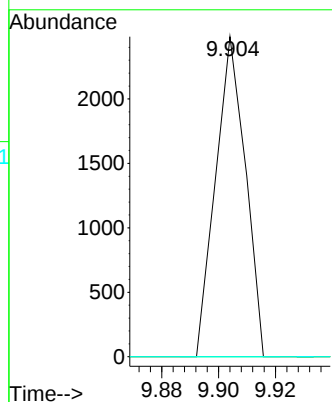
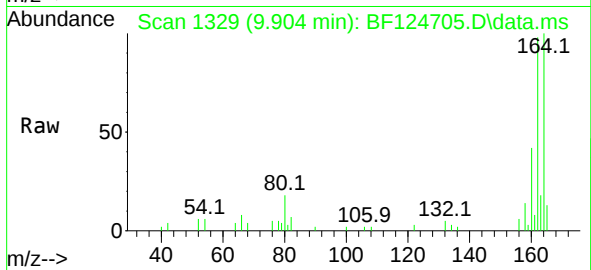




#51  
2,6-Dinitrotoluene  
Concen: 7.291 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. 0.206 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

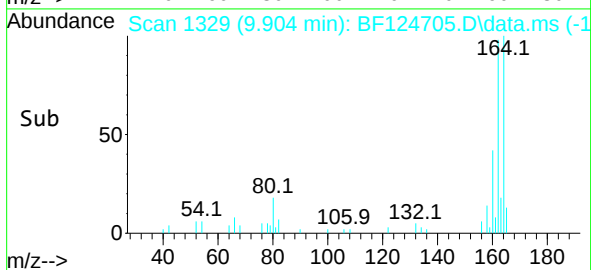
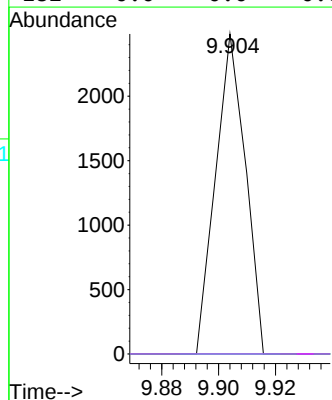
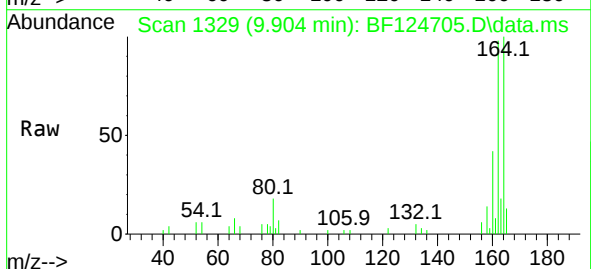
Instrument :  
BNA\_F  
ClientSampleID :  
PB137864BL

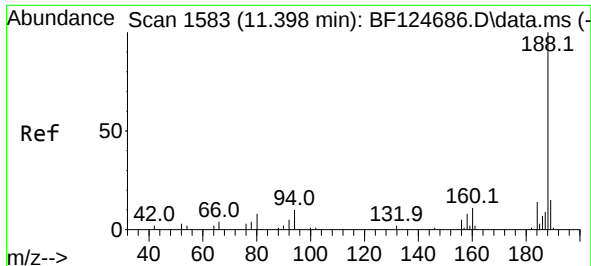
Tgt Ion:165 Resp: 1803  
Ion Ratio Lower Upper  
165 100  
63 0.0 42.6 63.8#  
89 0.0 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 5.373 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.194 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

Tgt Ion:165 Resp: 1803  
Ion Ratio Lower Upper  
165 100  
63 0.0 40.9 61.3#  
89 0.0 59.7 89.5#  
182 0.0 0.0 0.0

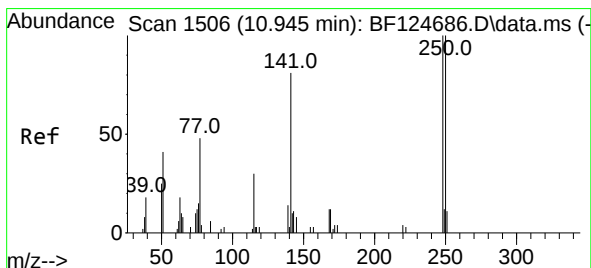
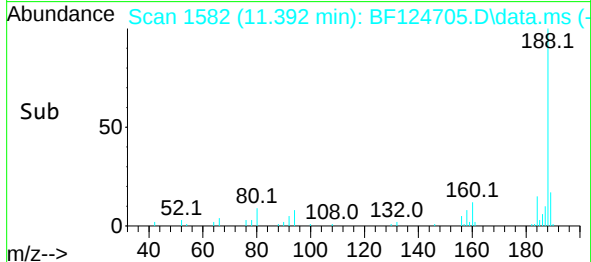
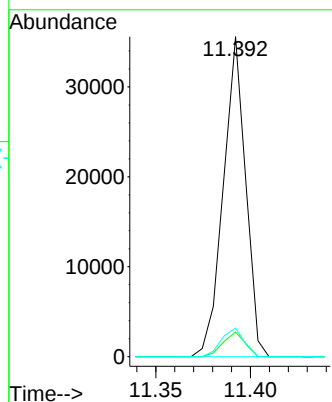
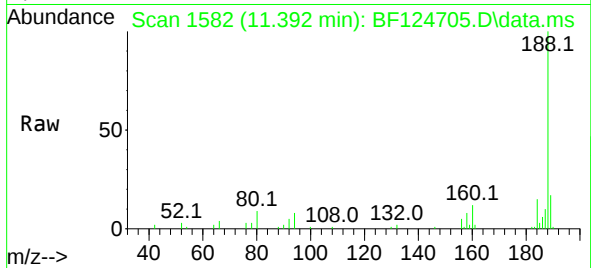




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

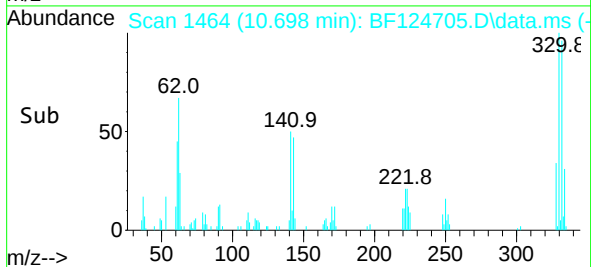
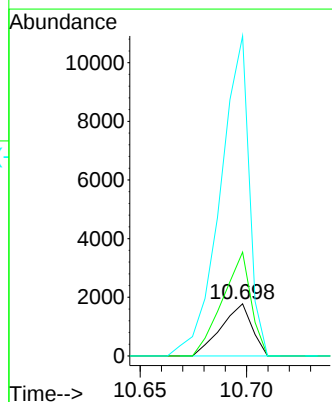
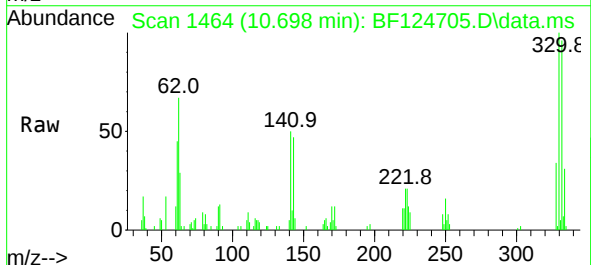
Instrument :  
BNA\_F  
ClientSampleId :  
PB137864BL

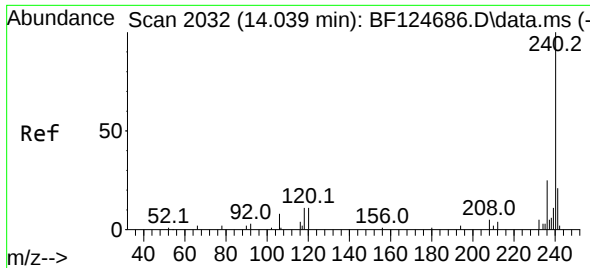
Tgt Ion:188 Resp: 29162  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.7 10.1  
80 9.0 7.5 11.3



#67  
4-Bromophenyl-phenylether  
Concen: 5.778 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.247 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

Tgt Ion:248 Resp: 1787  
Ion Ratio Lower Upper  
248 100  
250 199.2 74.2 111.4#  
141 613.3 60.4 90.6#

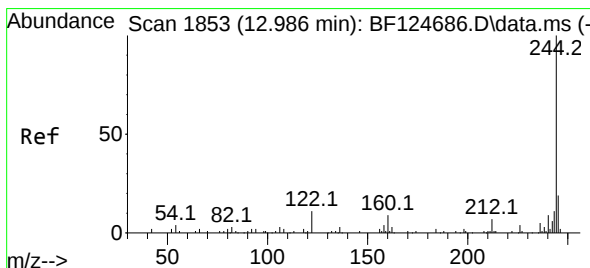
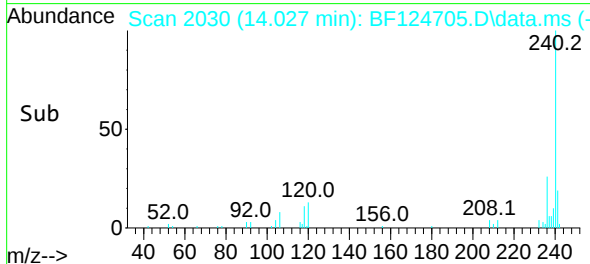
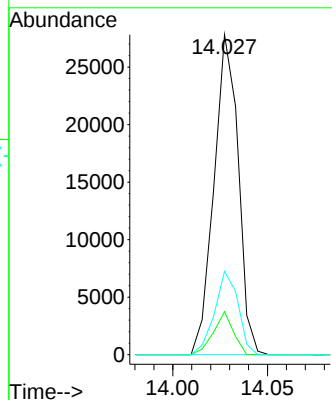
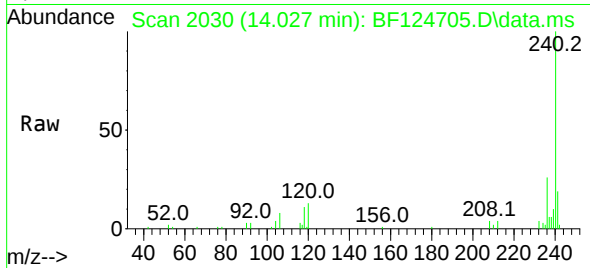




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. -0.012 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

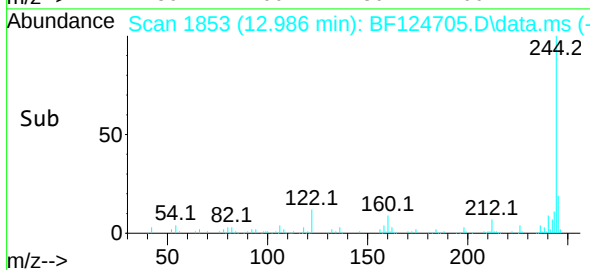
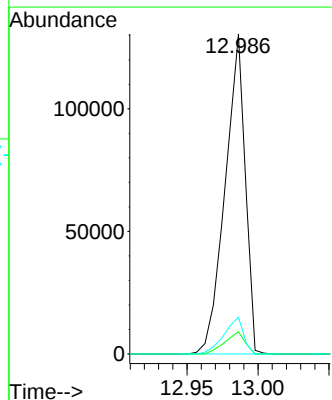
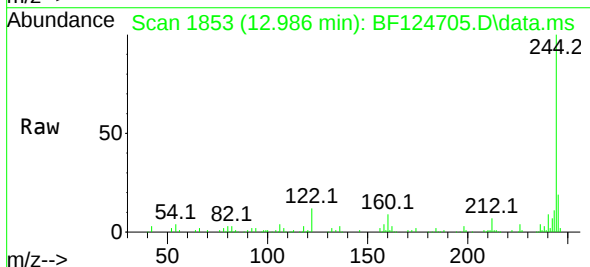
Instrument :  
BNA\_F  
ClientSampleId :  
PB137864BL

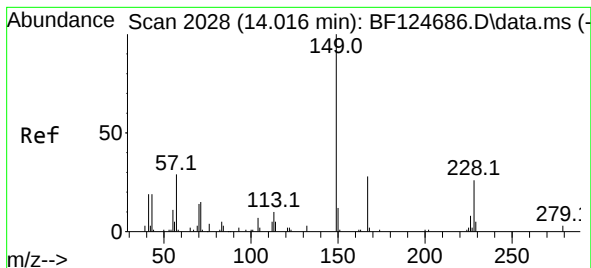
Tgt Ion:240 Resp: 24769  
Ion Ratio Lower Upper  
240 100  
120 13.4 10.8 16.2  
236 26.1 21.6 32.4



#79  
Terphenyl-d14  
Concen: 88.817 ng  
RT: 12.986 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

Tgt Ion:244 Resp: 128338  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.9 8.9  
122 11.5 9.0 13.4

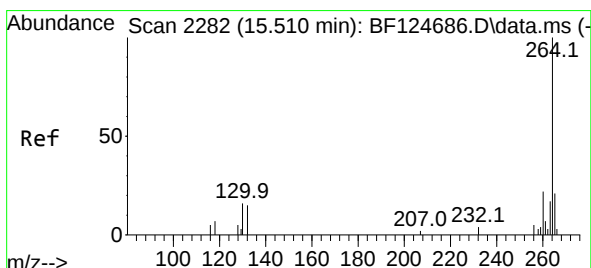
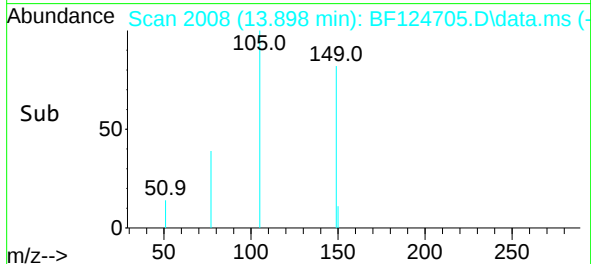
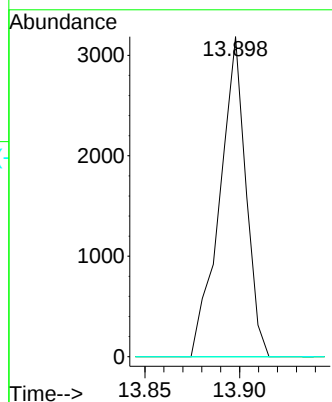
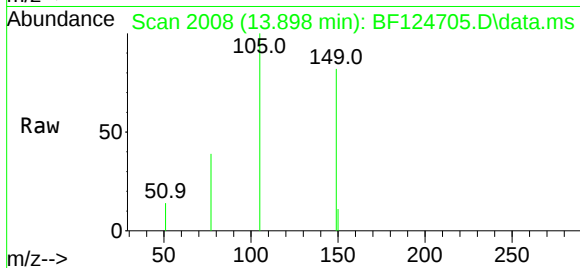




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.215 ng  
RT: 13.898 min Scan# 2008  
Delta R.T. -0.118 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB137864BL

Tgt Ion:149 Resp: 3064  
Ion Ratio Lower Upper  
149 100  
167 0.0 21.4 32.0#  
279 0.0 2.6 4.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.498 min Scan# 2280  
Delta R.T. -0.012 min  
Lab File: BF124705.D  
Acq: 23 Jul 2021 9:35

Tgt Ion:264 Resp: 22354  
Ion Ratio Lower Upper  
264 100  
260 25.4 19.6 29.4  
265 23.6 17.2 25.8

