

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112522\  
 Data File : BF131404.D  
 Acq On : 25 Nov 2022 19:47  
 Operator : CG\JU  
 Sample : N5741-12  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Nov 26 00:11:52 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 25 23:13:01 2022  
 Response via : Initial Calibration

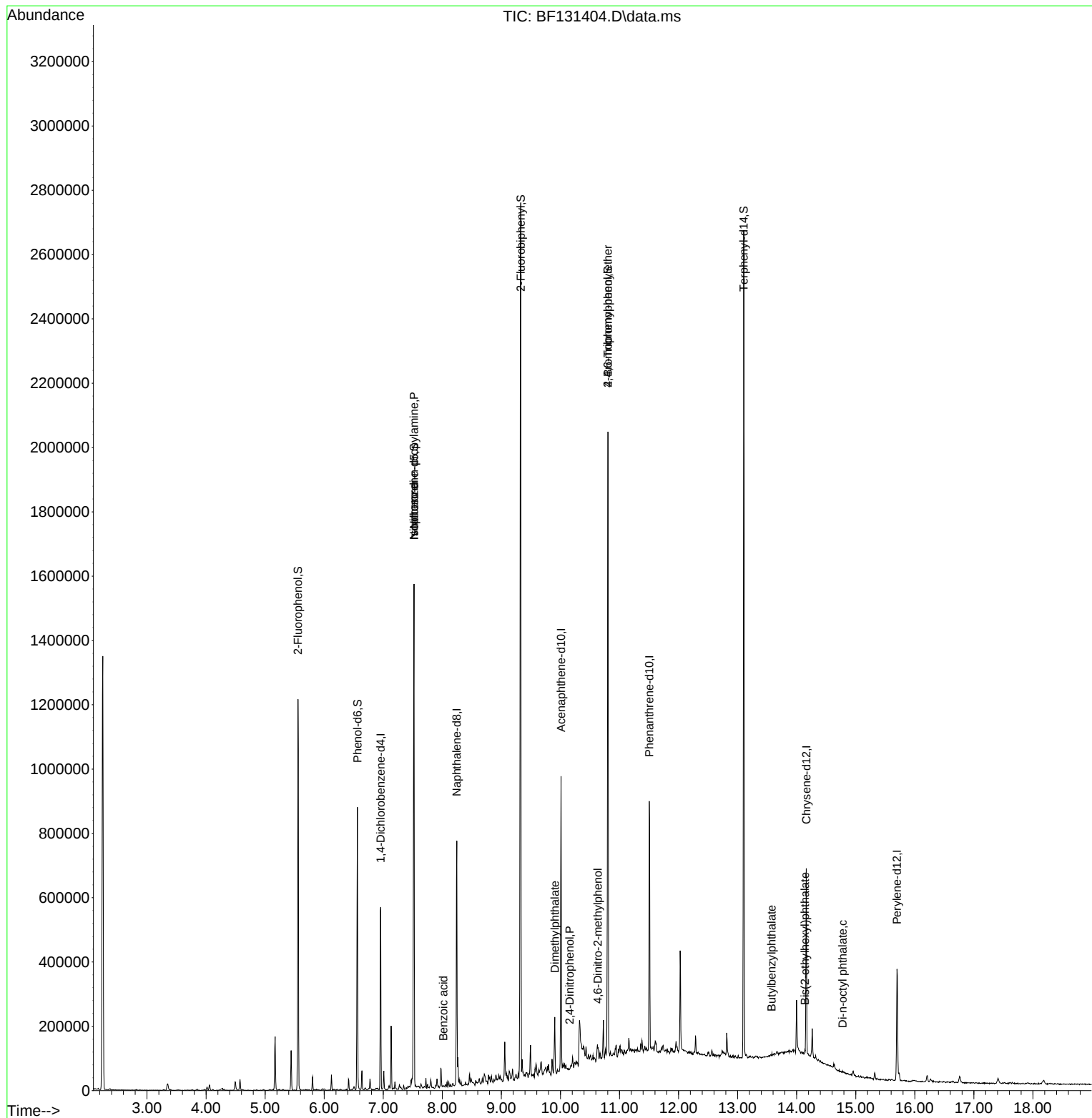
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.957  | 152  | 84535    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.245  | 136  | 304887   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 10.010 | 164  | 168415   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.504 | 188  | 296271   | 20.000    | ng    | -0.01    |
| 76) Chrysene-d12              | 14.162 | 240  | 186844   | 20.000    | ng    | #-0.01   |
| 86) Perylene-d12              | 15.698 | 264  | 170320   | 20.000    | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.557  | 112  | 286273   | 64.451    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.563  | 99   | 232916   | 41.100    | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.522  | 82   | 464130   | 76.737    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.804 | 330  | 215381   | 152.010   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.327  | 172  | 862995   | 74.548    | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.104 | 244  | 923618   | 80.835    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.510  | 77   | 376      | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.522  | 70   | 66107    | 15.935    | ng    | # 71     |
| 25) Isophorone                | 7.522  | 82   | 462050   | 42.819    | ng    | # 68     |
| 32) Benzoic acid              | 8.016  | 122  | 124      | 5.183     | ng    | # 55     |
| 50) Dimethylphthalate         | 9.904  | 163  | 42856    | 3.652     | ng    | # 96     |
| 54) 2,4-Dinitrophenol         | 10.157 | 184  | 54       | 4.961     | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 10.633 | 198  | 325      | 4.860     | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.804 | 248  | 14348    | 3.951     | ng    | # 1      |
| 80) Butylbenzylphthalate      | 13.574 | 149  | 351      | 4.201     | ng    | # 36     |
| 84) Bis(2-ethylhexyl)phtha... | 14.139 | 149  | 3439     | 4.180     | ng    | # 93     |
| 85) Di-n-octyl phthalate      | 14.780 | 149  | 530      | 3.959     | ng    | # 70     |
| -----                         |        |      |          |           |       |          |

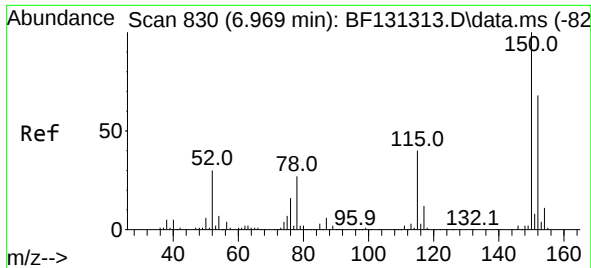
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 25 23:13:01 2022  
Response via : Initial Calibration

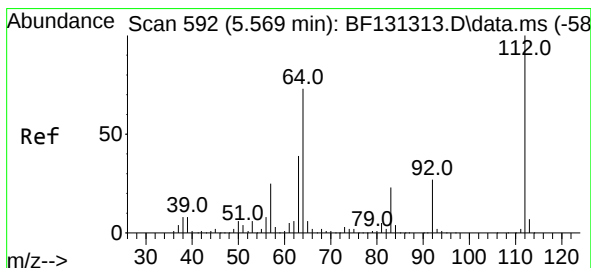
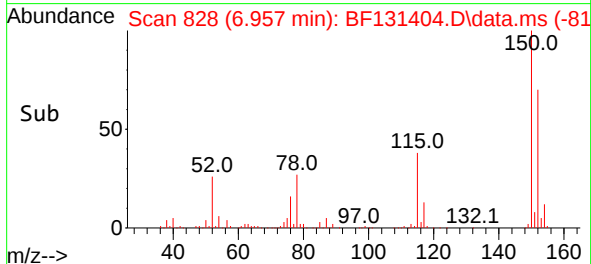
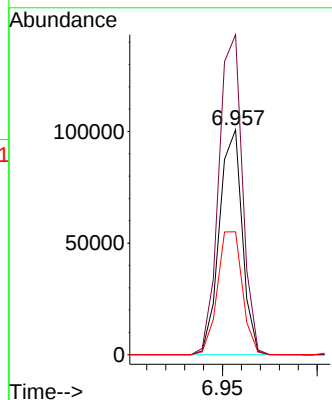
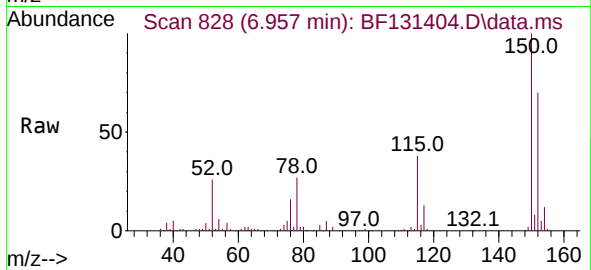




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.957 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF131404.D  
 Acq: 25 Nov 2022 19:47

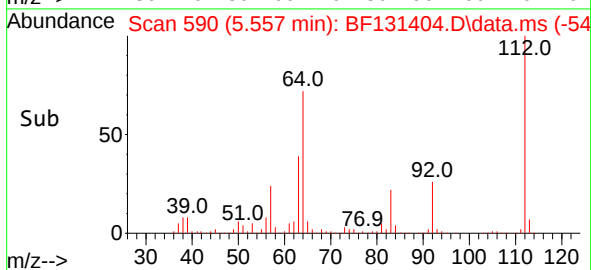
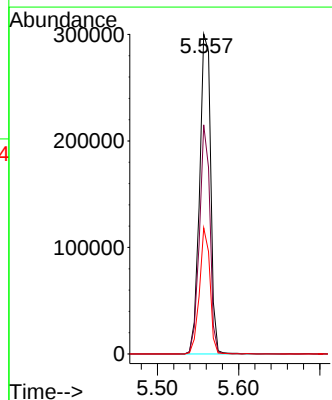
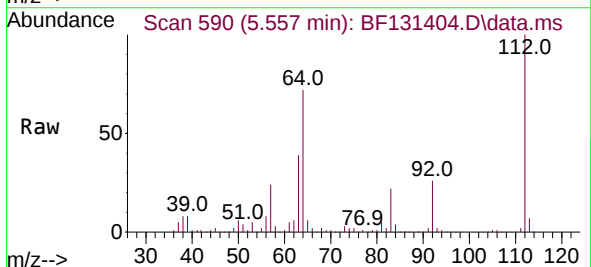
Instrument :  
 BNA\_F  
 ClientSampleId :

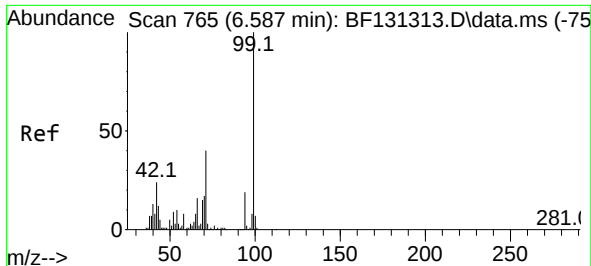
Tgt Ion:152 Resp: 84535  
 Ion Ratio Lower Upper  
 152 100  
 150 142.2 117.8 176.8  
 115 54.6 47.1 70.7



#5  
 2-Fluorophenol  
 Concen: 64.451 ng  
 RT: 5.557 min Scan# 590  
 Delta R.T. -0.006 min  
 Lab File: BF131404.D  
 Acq: 25 Nov 2022 19:47

Tgt Ion:112 Resp: 286273  
 Ion Ratio Lower Upper  
 112 100  
 64 71.6 58.6 88.0  
 63 39.4 31.4 47.0



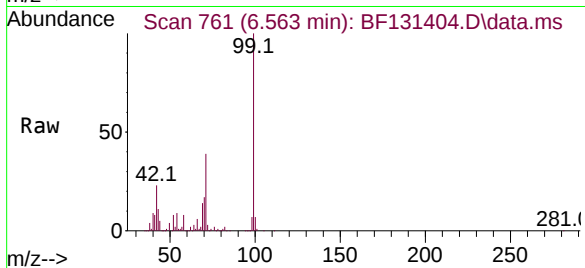


#7  
Phenol-d6  
Concen: 41.100 ng  
RT: 6.563 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

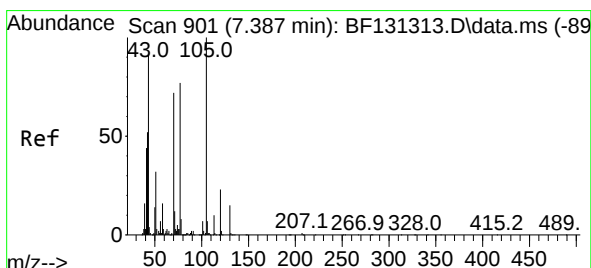
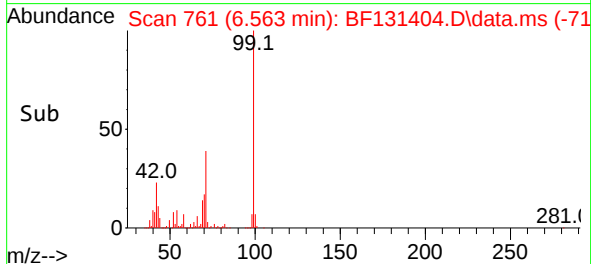
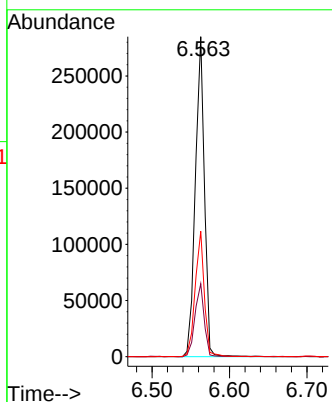
Instrument :

BNA\_F

ClientSampleId :

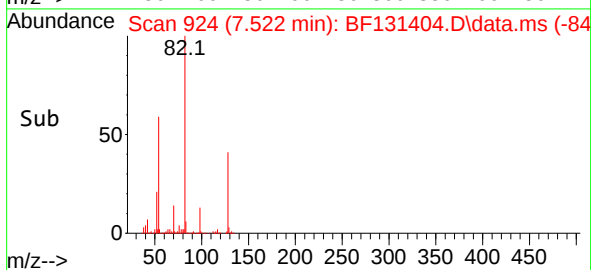
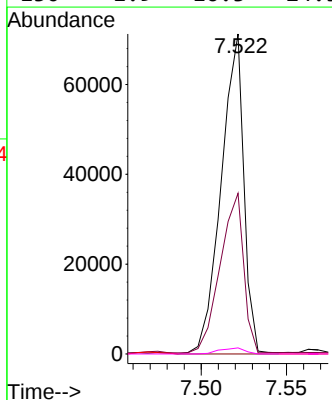
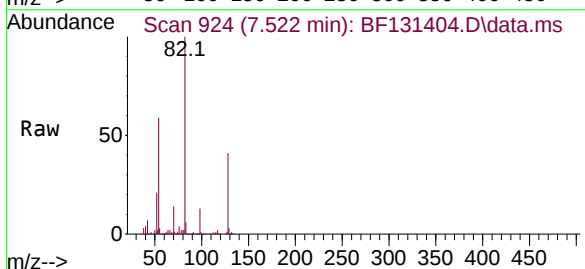


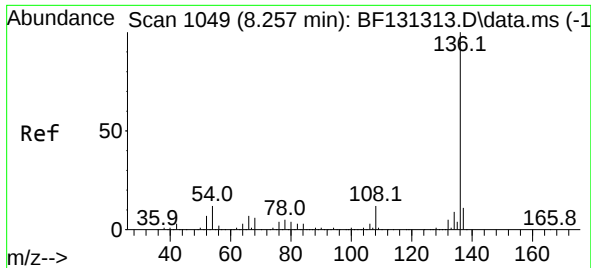
Tgt Ion: 99 Resp: 232916  
Ion Ratio Lower Upper  
99 100  
42 22.8 19.4 29.2  
71 39.2 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.935 ng  
RT: 7.522 min Scan# 924  
Delta R.T. 0.147 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

Tgt Ion: 70 Resp: 66107  
Ion Ratio Lower Upper  
70 100  
42 50.2 57.6 86.4#  
101 0.0 8.2 12.2#  
130 1.9 16.3 24.5#

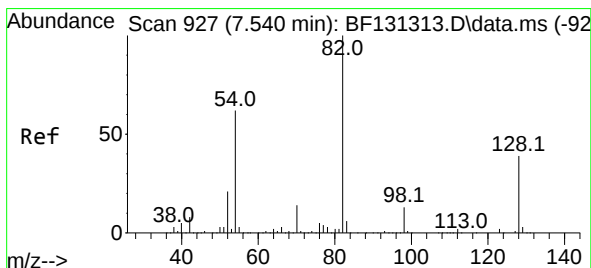
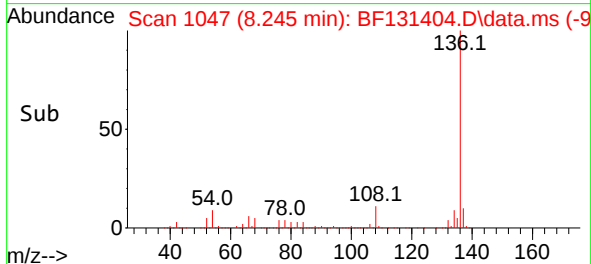
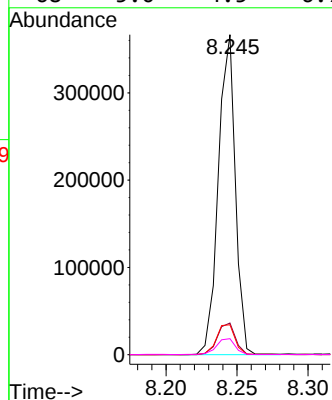
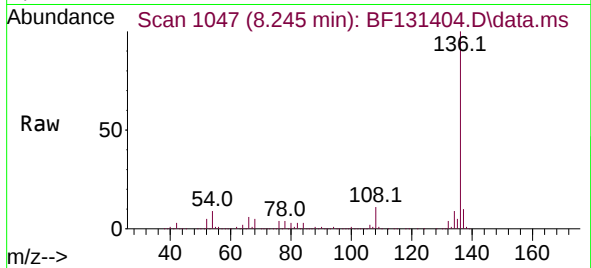




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.245 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

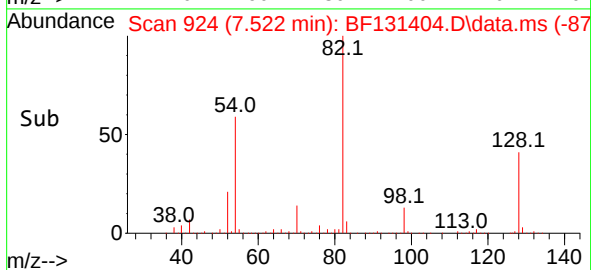
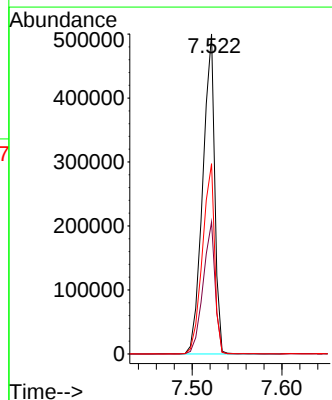
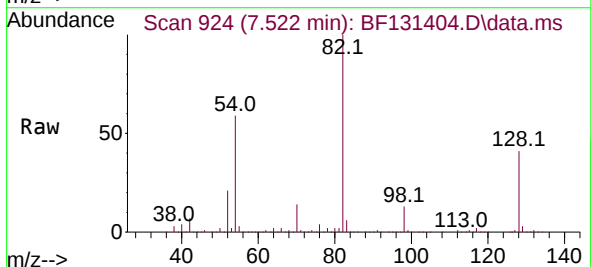
Instrument :  
BNA\_F  
ClientSampleId :

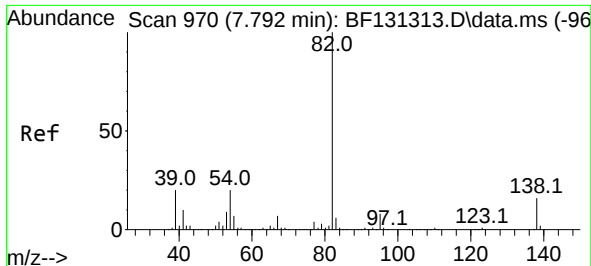
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 304887 |
| Ion Ratio   | Lower Upper  |
| 136         | 100          |
| 137         | 9.9 9.0 13.6 |
| 54          | 9.3 9.4 14.0 |
| 68          | 5.0 4.5 6.7  |



#23  
Nitrobenzene-d5  
Concen: 76.737 ng  
RT: 7.522 min Scan# 924  
Delta R.T. -0.012 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

|             |                |
|-------------|----------------|
| Tgt Ion: 82 | Resp: 464130   |
| Ion Ratio   | Lower Upper    |
| 82          | 100            |
| 128         | 41.2 31.4 47.0 |
| 54          | 59.5 49.8 74.6 |

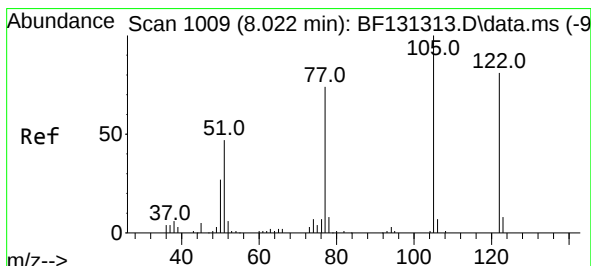
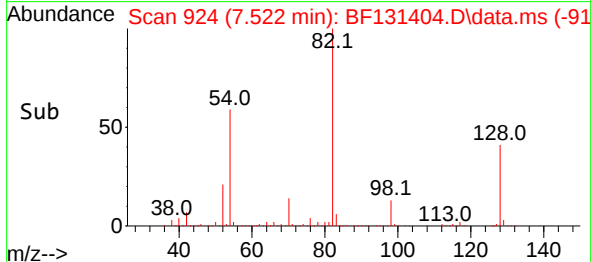
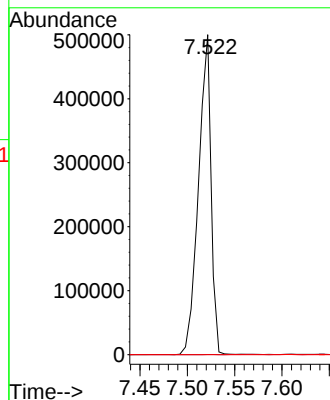
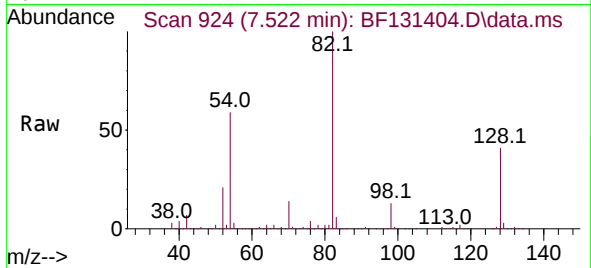




#25  
Isophorone  
Concen: 42.819 ng  
RT: 7.522 min Scan# 91  
Delta R.T. -0.265 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

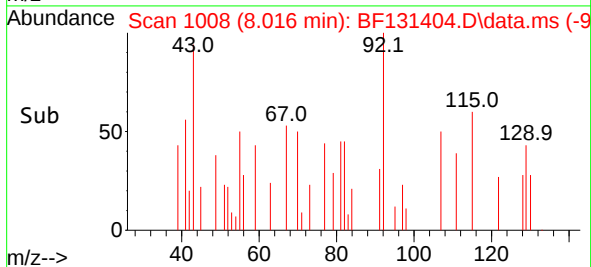
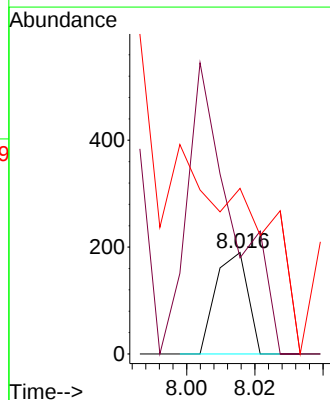
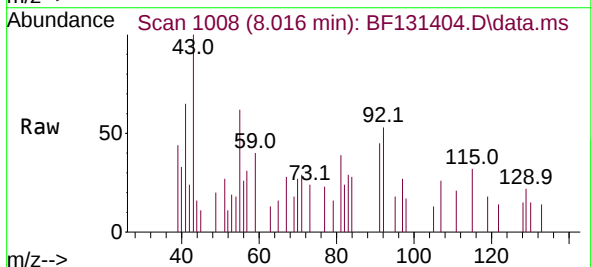
Instrument :  
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ClientSampleId :

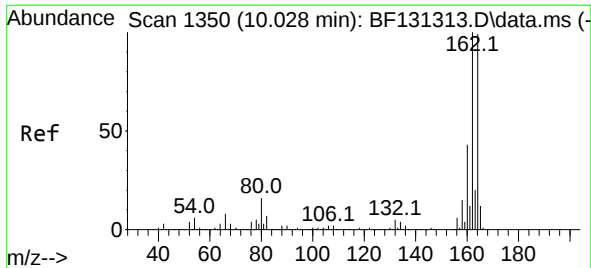
Tgt Ion: 82 Resp: 462050  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.2 9.2#  
138 0.0 12.7 19.1#



#32  
Benzoic acid  
Concen: 5.183 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. 0.006 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

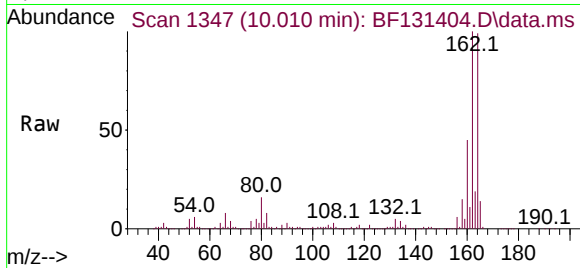
Tgt Ion:122 Resp: 124  
Ion Ratio Lower Upper  
122 100  
105 94.7 103.8 143.8#  
77 163.2 74.3 114.3#



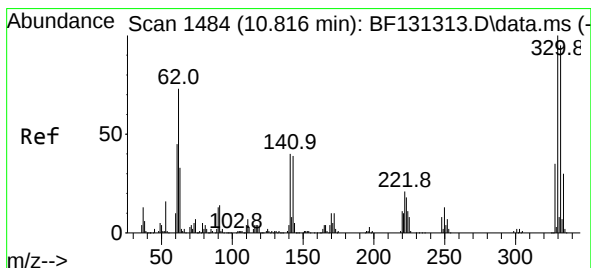
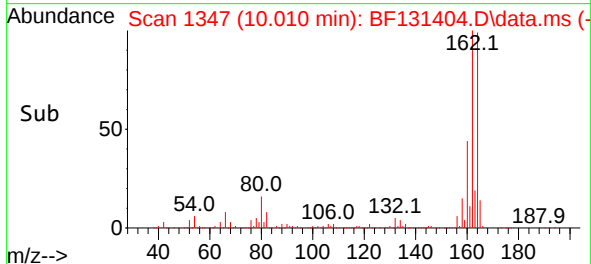
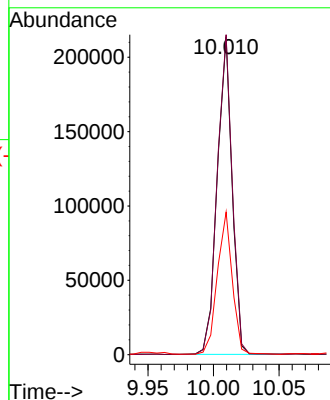


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.010 min Scan# 1347  
Delta R.T. -0.006 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

Instrument :  
BNA\_F  
ClientSampleId :

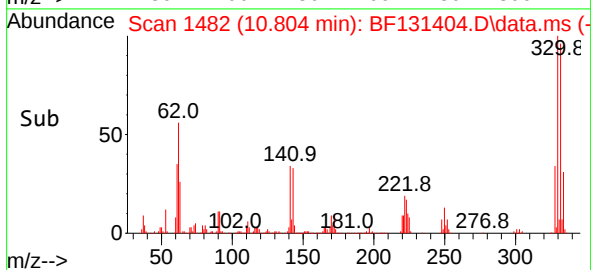
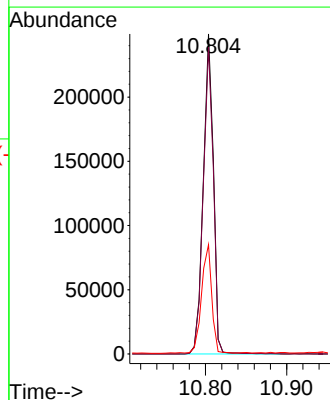
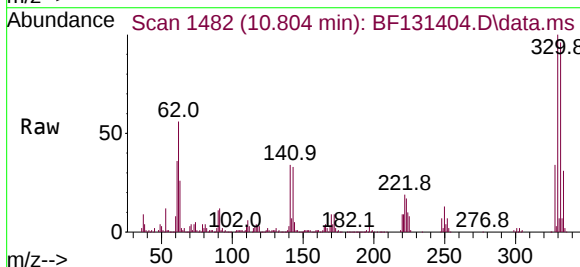


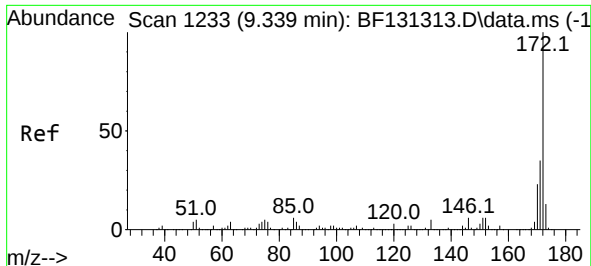
Tgt Ion:164 Resp: 168415  
Ion Ratio Lower Upper  
164 100  
162 100.6 80.6 120.8  
160 44.8 34.4 51.6



#42  
2,4,6-Tribromophenol  
Concen: 152.010 ng  
RT: 10.804 min Scan# 1482  
Delta R.T. -0.006 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

Tgt Ion:330 Resp: 215381  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.5 116.3  
141 34.6 29.3 43.9

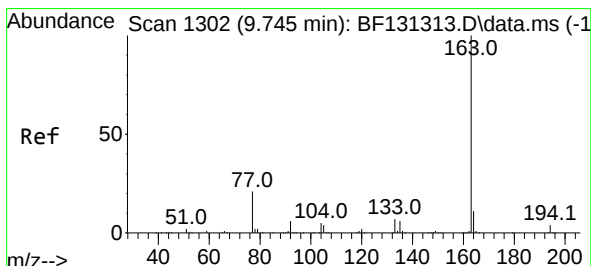
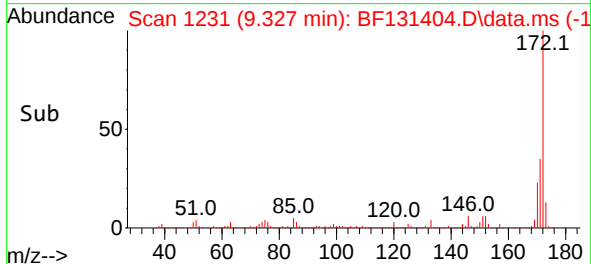
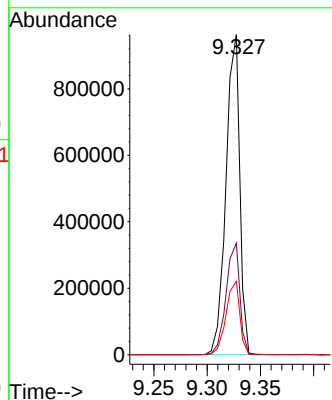
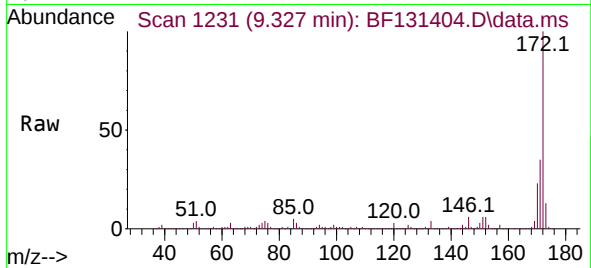




#45  
2-Fluorobiphenyl  
Concen: 74.548 ng  
RT: 9.327 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

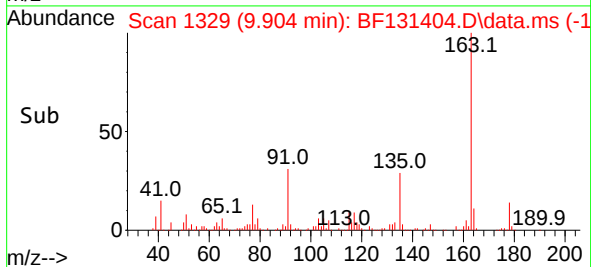
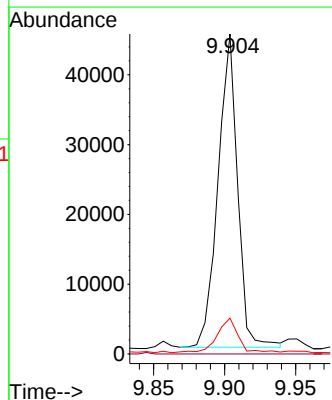
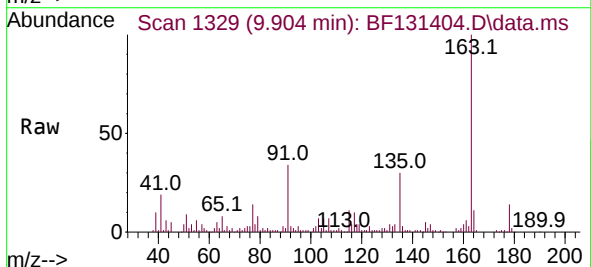
Instrument :  
BNA\_F  
ClientSampleId :

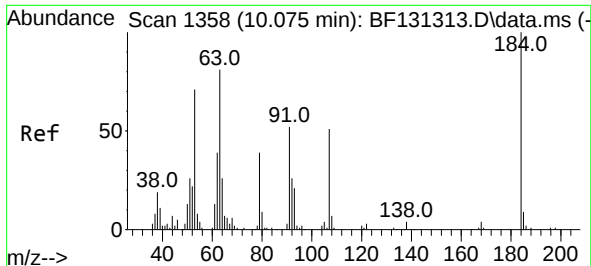
Tgt Ion:172 Resp: 862995  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.2 42.2  
170 22.9 18.7 28.1



#50  
Dimethylphthalate  
Concen: 3.652 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. 0.165 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

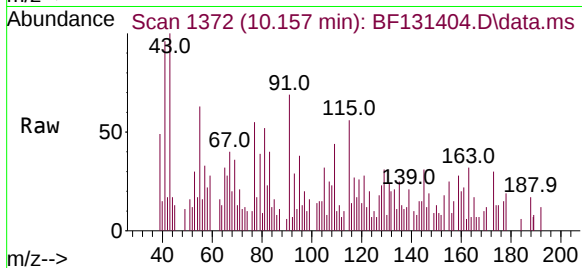
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Ion Ratio Lower Upper  
163 100  
194 0.0 3.1 4.7#  
164 11.2 8.5 12.7



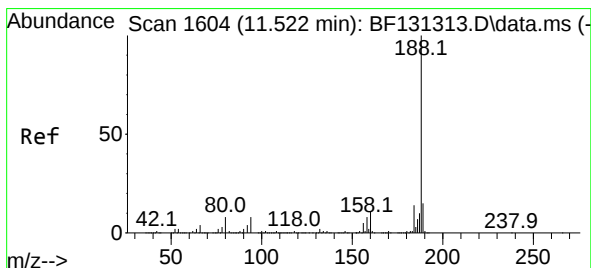
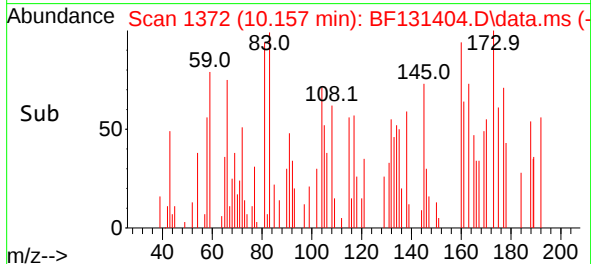
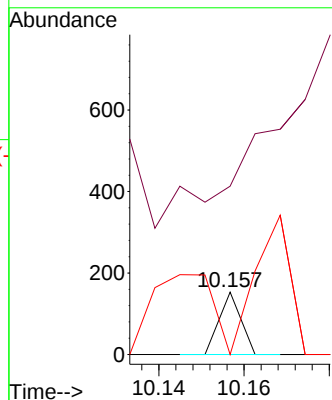


#54  
2,4-Dinitrophenol  
Concen: 4.961 ng  
RT: 10.157 min Scan# 11  
Delta R.T. 0.082 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

Instrument :  
BNA\_F  
ClientSampleId :

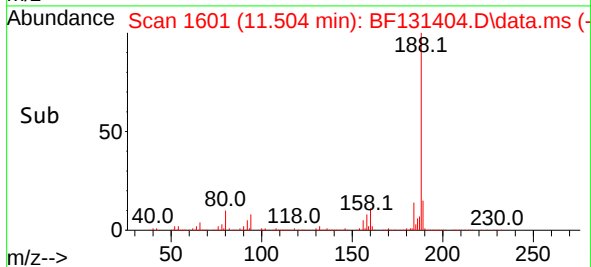
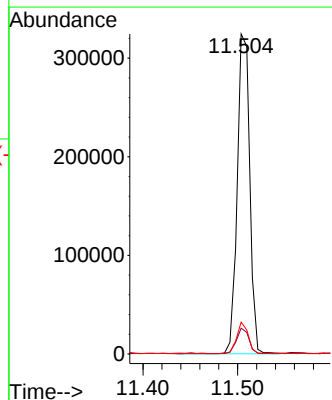
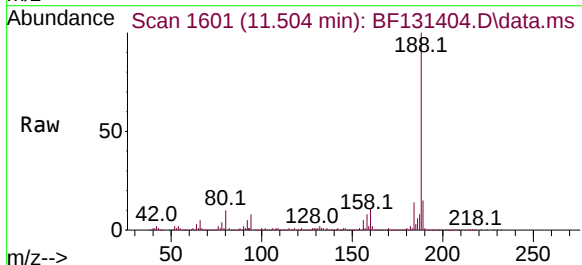


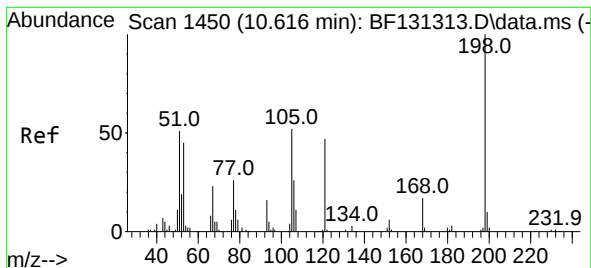
Tgt Ion:184 Resp: 54  
Ion Ratio Lower Upper  
184 100  
63 269.9 72.1 108.1#  
154 0.0 56.3 84.5#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.504 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

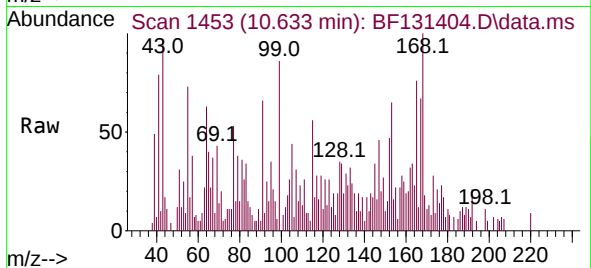
Tgt Ion:188 Resp: 296271  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.3 9.5  
80 10.0 6.8 10.2



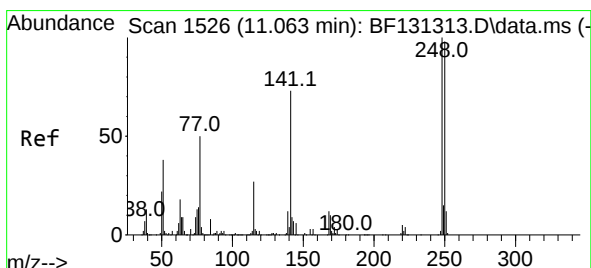
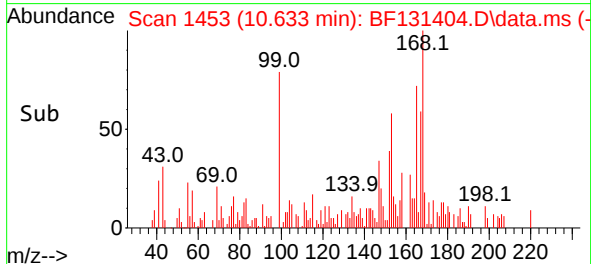
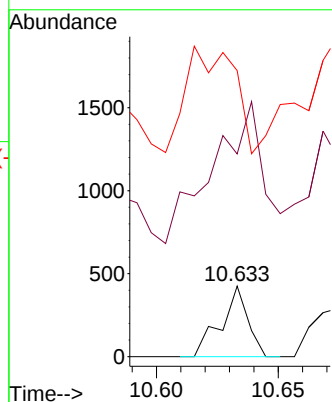


#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.860 ng  
RT: 10.633 min Scan# 1450  
Delta R.T. 0.023 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

Instrument :  
BNA\_F  
ClientSampleId :

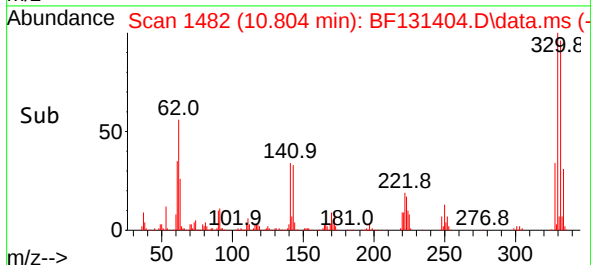
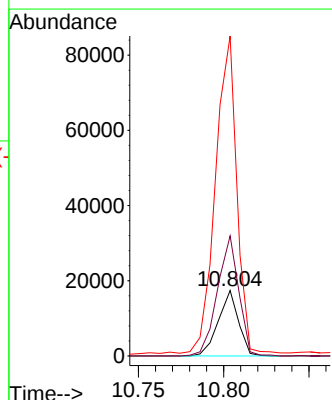
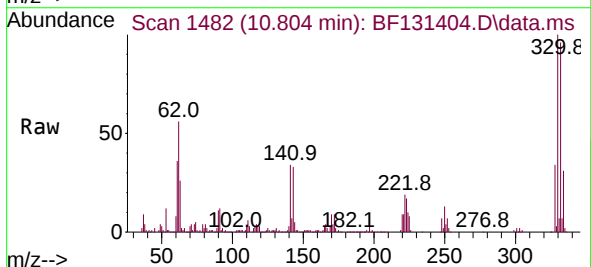


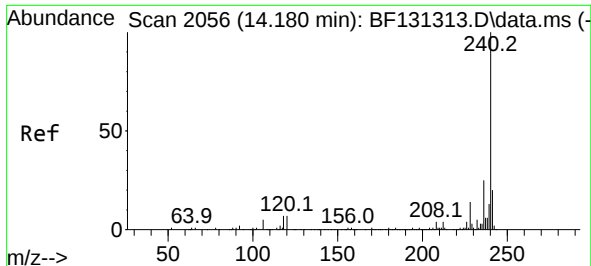
Tgt Ion:198 Resp: 325  
Ion Ratio Lower Upper  
198 100  
51 287.3 50.1 90.1#  
105 405.6 32.5 72.5#



#67  
4-Bromophenyl-phenylether  
Concen: 3.951 ng  
RT: 10.804 min Scan# 1482  
Delta R.T. -0.253 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

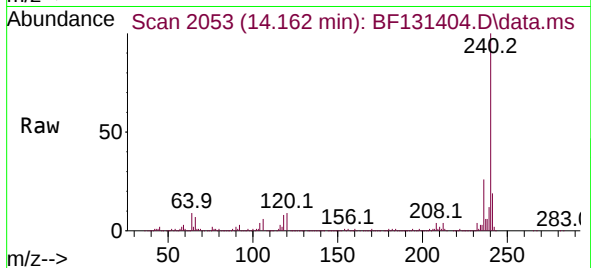
Tgt Ion:248 Resp: 14348  
Ion Ratio Lower Upper  
248 100  
250 183.8 78.3 117.5#  
141 489.5 58.0 87.0#



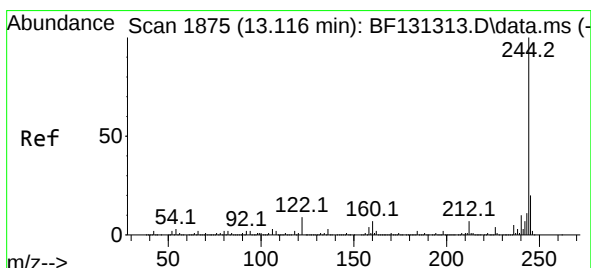
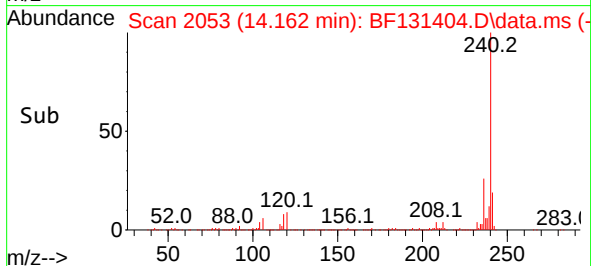
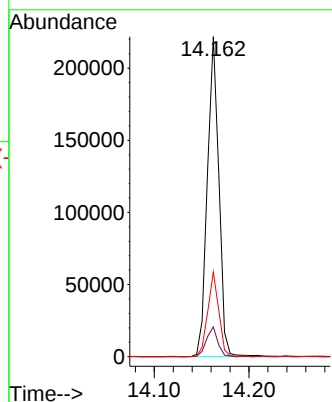


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.162 min Scan# 2053  
Delta R.T. -0.012 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

Instrument :  
BNA\_F  
ClientSampleId :

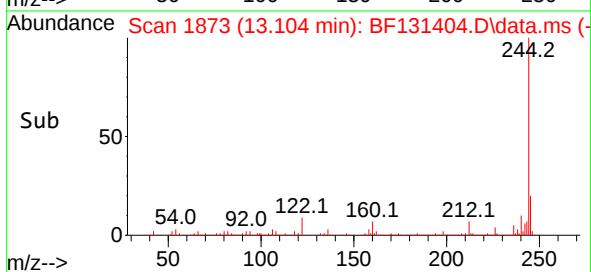
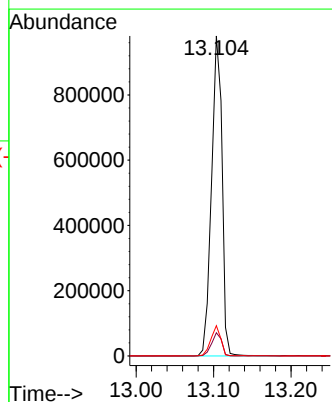
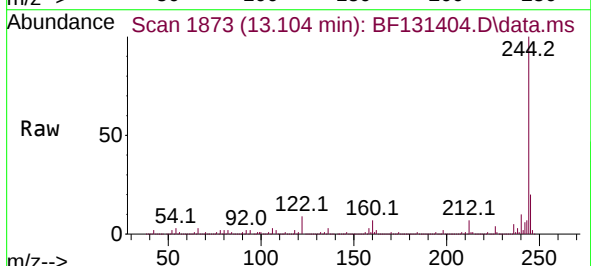


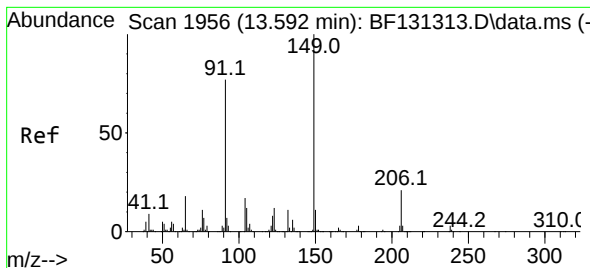
Tgt Ion:240 Resp: 186844  
Ion Ratio Lower Upper  
240 100  
120 9.3 5.8 8.8#  
236 26.4 20.3 30.5



#79  
Terphenyl-d14  
Concen: 80.835 ng  
RT: 13.104 min Scan# 1873  
Delta R.T. -0.006 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

Tgt Ion:244 Resp: 923618  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.9 8.9  
122 9.5 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.201 ng

RT: 13.574 min Scan# 1953

Delta R.T. -0.012 min

Lab File: BF131404.D

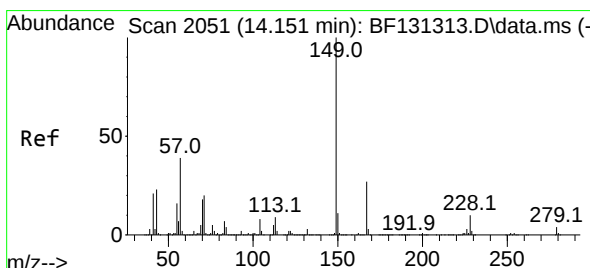
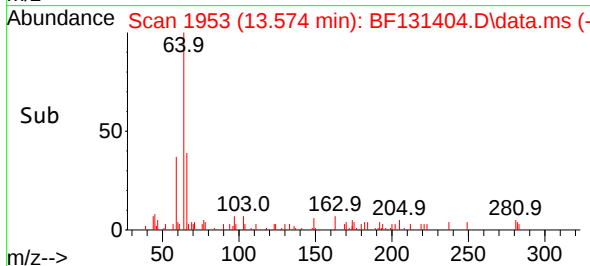
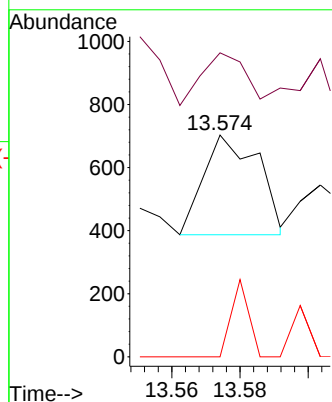
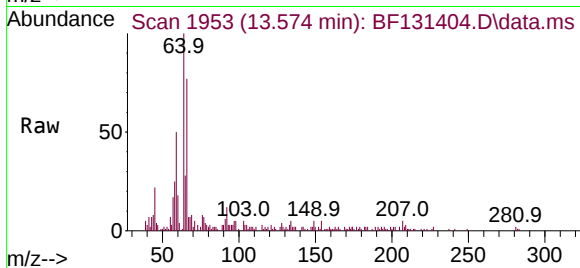
Acq: 25 Nov 2022 19:47

Instrument :

BNA\_F

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 351   |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 91       | 137.1 | 61.9  | 92.9# |
| 206      | 0.0   | 16.5  | 24.7# |



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.180 ng

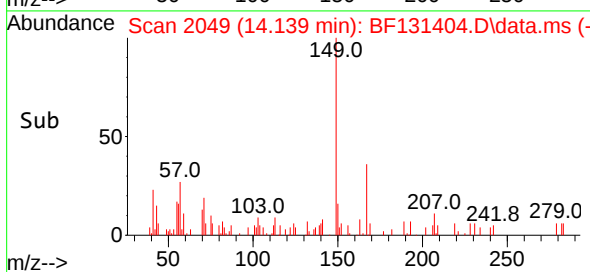
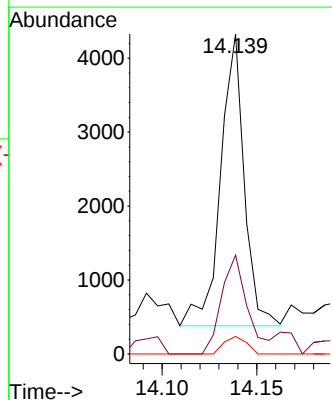
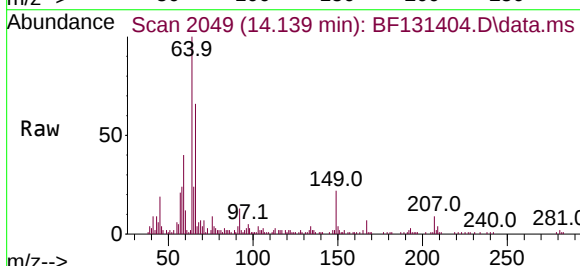
RT: 14.139 min Scan# 2049

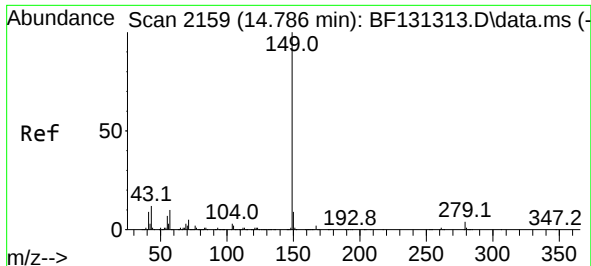
Delta R.T. -0.006 min

Lab File: BF131404.D

Acq: 25 Nov 2022 19:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 3439  |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 30.9  | 21.9  | 32.9  |
| 279      | 5.4   | 3.0   | 4.4#  |

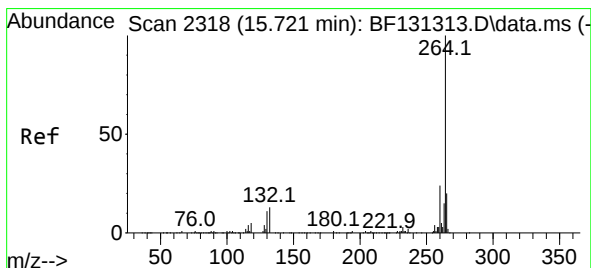
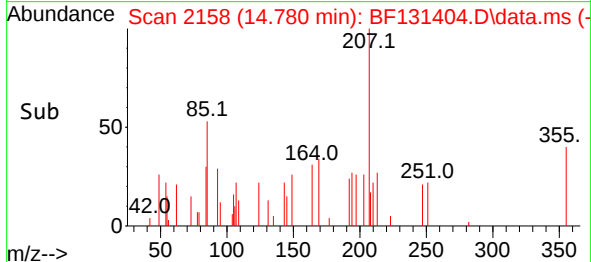
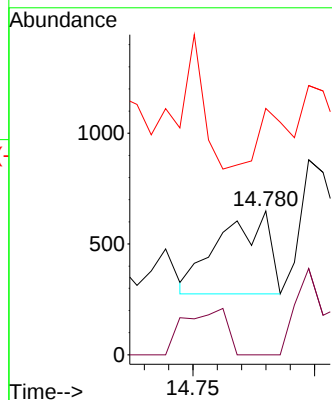
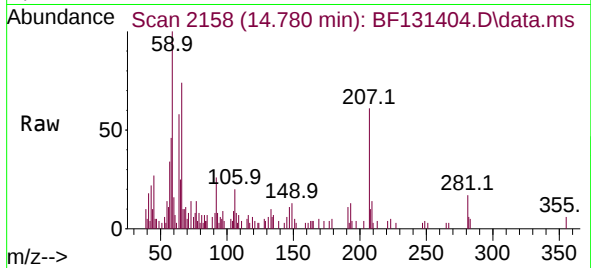




#85  
Di-n-octyl phthalate  
Concen: 3.959 ng  
RT: 14.780 min Scan# 2159  
Delta R.T. 0.006 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:149 Resp: 530  
Ion Ratio Lower Upper  
149 100  
167 0.0 1.2 1.8#  
43 0.0 10.7 16.1#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.698 min Scan# 2314  
Delta R.T. -0.012 min  
Lab File: BF131404.D  
Acq: 25 Nov 2022 19:47

Tgt Ion:264 Resp: 170320  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.0 28.4  
265 21.5 16.4 24.6

