

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121322\  
 Data File : BP013097.D  
 Acq On : 13 Dec 2022 10:21  
 Operator : CG/JU  
 Sample : PB149129BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB149129BL

Quant Time: Dec 13 11:00:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 13 03:29:24 2022  
 Response via : Initial Calibration

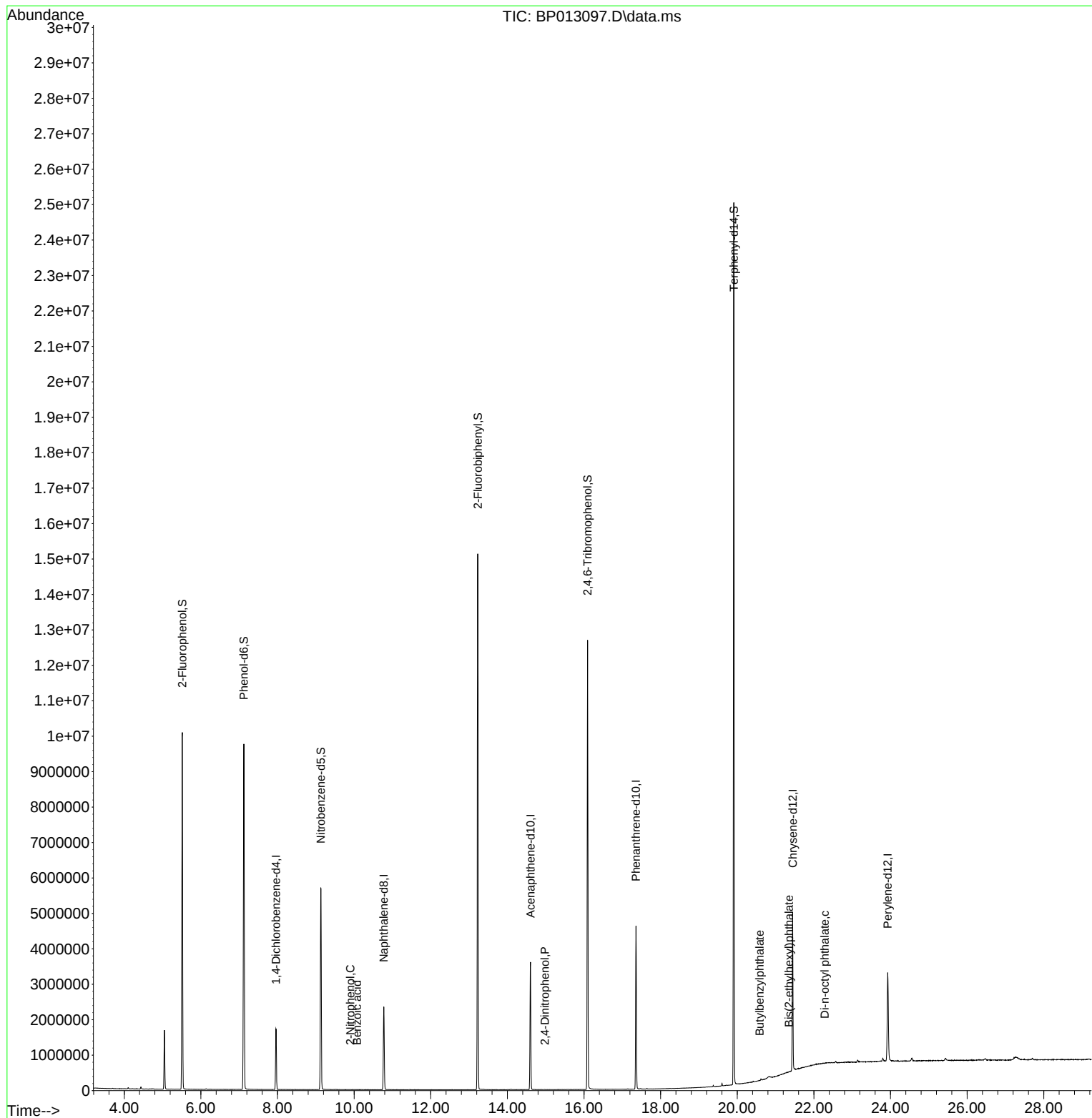
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.957  | 152  | 485223   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.775 | 136  | 1922211  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.604 | 164  | 1254786  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.357 | 188  | 2741235  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.445 | 240  | 2292306  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.927 | 264  | 1960619  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 4458978  | 167.905 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.122  | 99   | 5685398  | 163.934 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.128  | 82   | 3266877  | 93.173  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.092 | 330  | 2582730  | 170.716 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.228 | 172  | 8214803  | 88.891  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.910 | 244  | 11778251 | 101.370 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 26) 2-Nitrophenol             | 9.904  | 139  | 124      | 2.796   | ng    | # 1      |
| 32) Benzoic acid              | 10.075 | 122  | 146      | 4.381   | ng    | # 20     |
| 54) 2,4-Dinitrophenol         | 14.981 | 184  | 16       | 3.599   | ng    | # 98     |
| 80) Butylbenzylphthalate      | 20.586 | 149  | 964      | 2.109   | ng    | # 52     |
| 84) Bis(2-ethylhexyl)phtha... | 21.351 | 149  | 1759     | 2.801   | ng    | # 92     |
| 85) Di-n-octyl phthalate      | 22.286 | 149  | 951      | 2.175   | ng    | # 48     |
| -----                         |        |      |          |         |       |          |

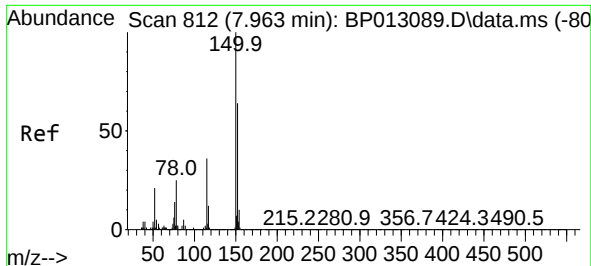
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 13 11:00:40 2022  
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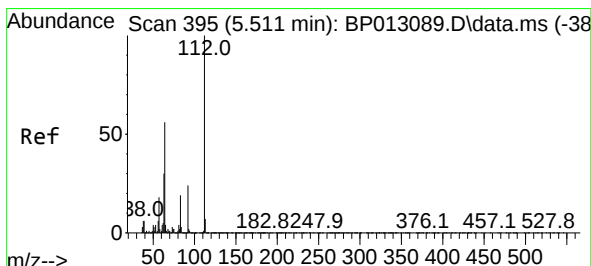
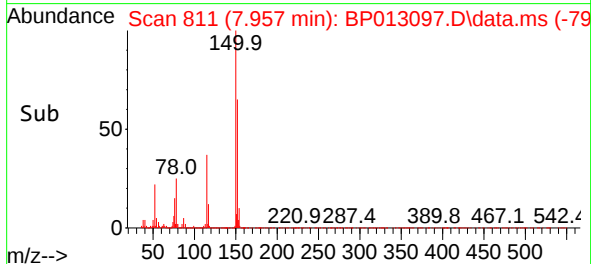
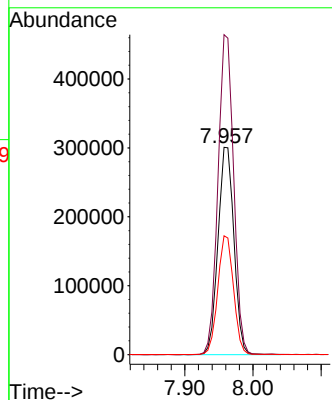
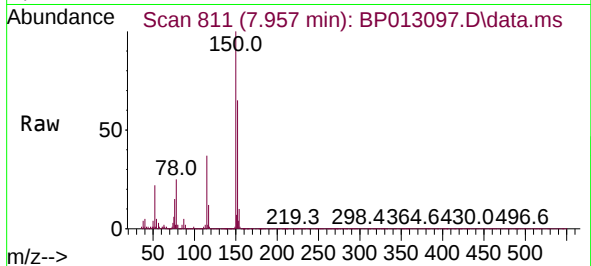




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.957 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

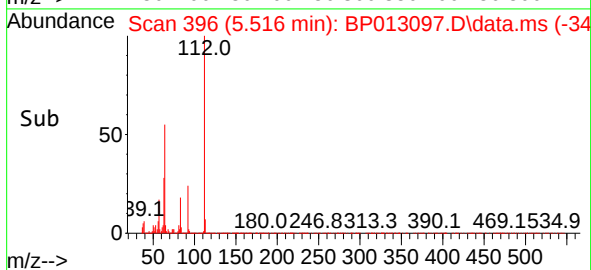
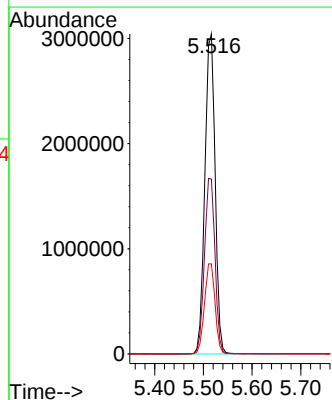
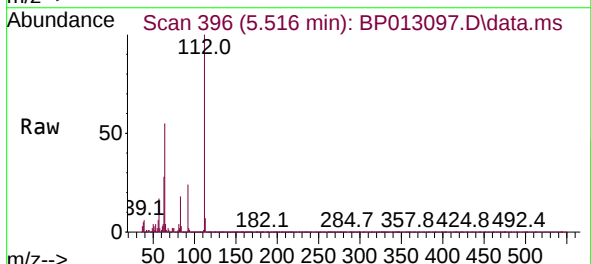
Instrument :  
BNA\_P  
ClientSampleId :  
PB149129BL

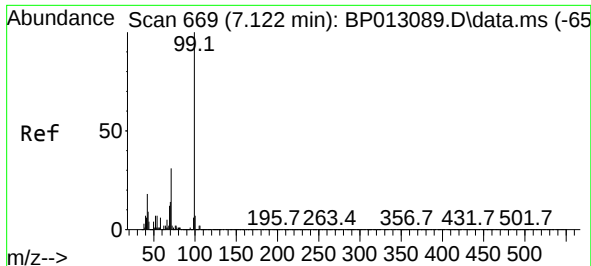
Tgt Ion:152 Resp: 485223  
Ion Ratio Lower Upper  
152 100  
150 154.4 125.3 187.9  
115 57.3 45.6 68.4



#5  
2-Fluorophenol  
Concen: 167.905 ng  
RT: 5.516 min Scan# 396  
Delta R.T. 0.006 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

Tgt Ion:112 Resp: 4458978  
Ion Ratio Lower Upper  
112 100  
64 54.7 45.1 67.7  
63 28.1 23.8 35.6



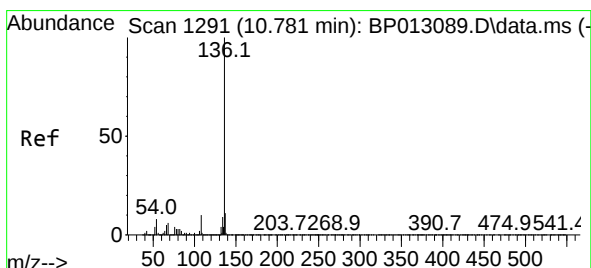
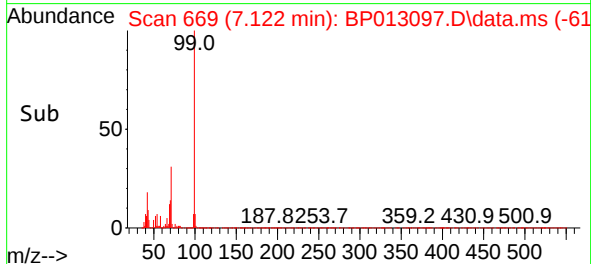
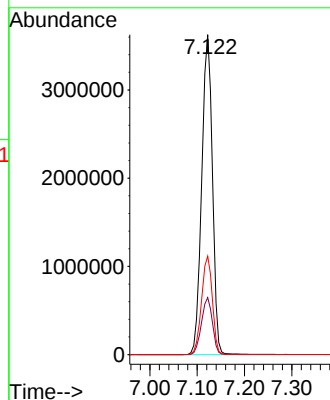
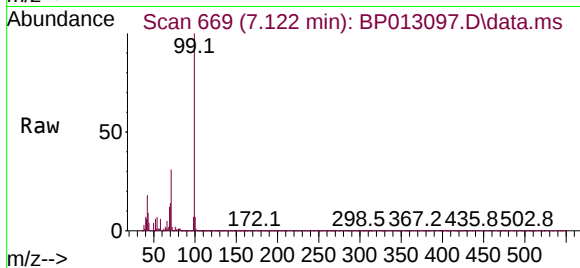


#7  
Phenol-d6  
Concen: 163.934 ng  
RT: 7.122 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

Instrument :  
BNA\_P  
ClientSampleId :  
PB149129BL

Tgt Ion: 99 Resp: 5685398

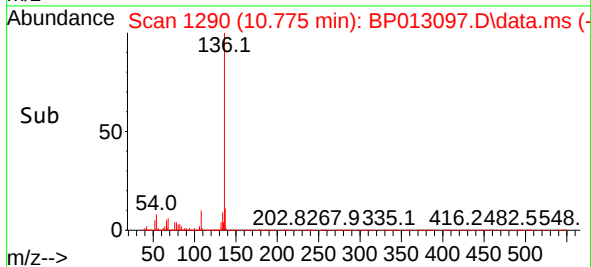
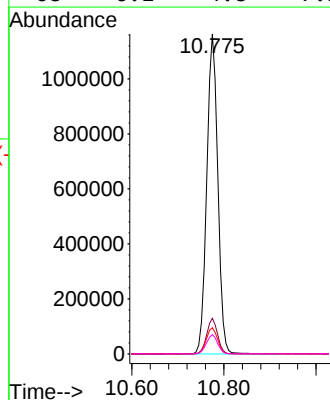
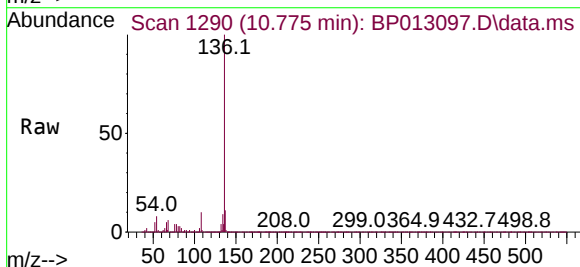
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.8  | 14.2  | 21.4  |
| 71  | 30.8  | 24.7  | 37.1  |

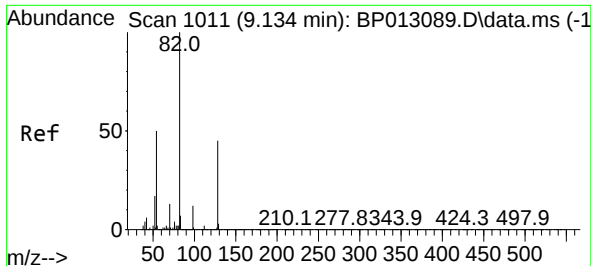


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.775 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

Tgt Ion:136 Resp: 1922211

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.7   | 13.1  |
| 54  | 8.2   | 6.2   | 9.4   |
| 68  | 6.1   | 4.8   | 7.2   |

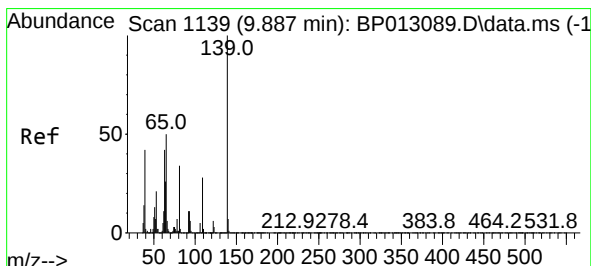
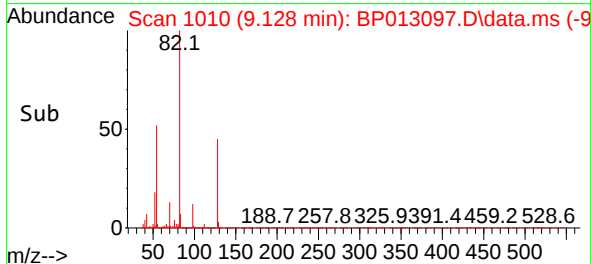
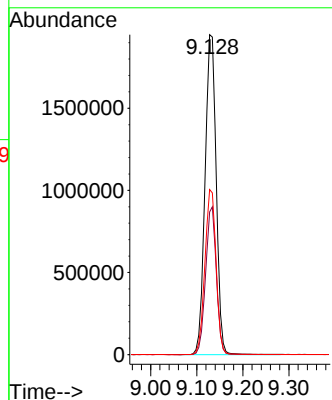
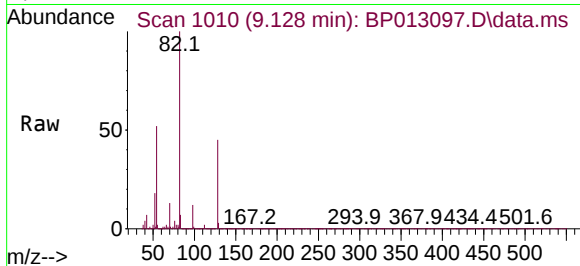




#23  
Nitrobenzene-d5  
Concen: 93.173 ng  
RT: 9.128 min Scan# 110  
Delta R.T. -0.006 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

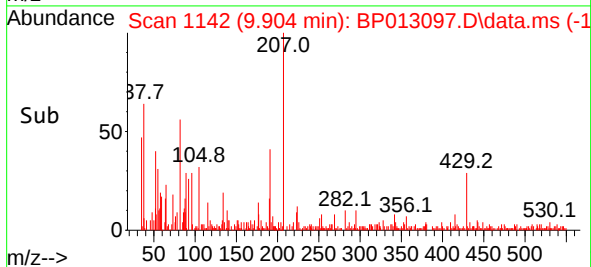
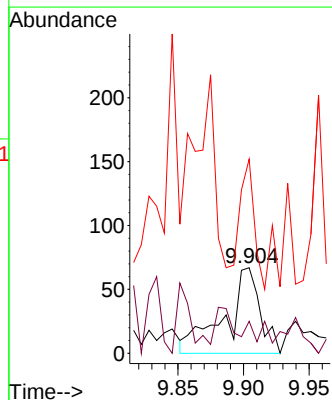
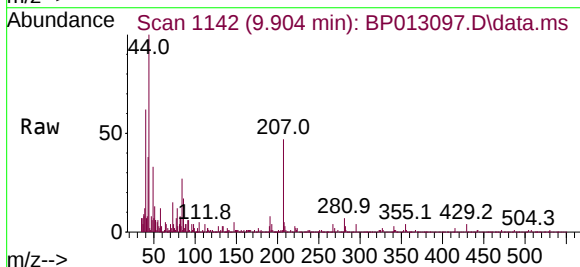
Instrument :  
BNA\_P  
ClientSampleId :  
PB149129BL

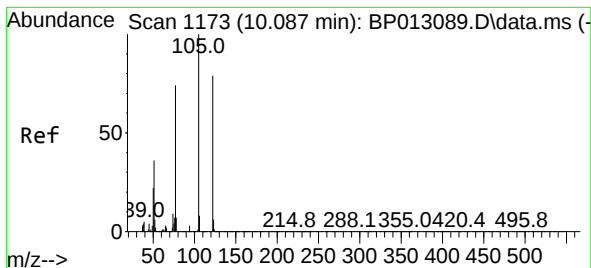
Tgt Ion: 82 Resp: 3266877  
Ion Ratio Lower Upper  
82 100  
128 44.6 35.9 53.9  
54 51.6 40.4 60.6



#26  
2-Nitrophenol  
Concen: 2.796 ng  
RT: 9.904 min Scan# 1142  
Delta R.T. 0.017 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

Tgt Ion: 139 Resp: 124  
Ion Ratio Lower Upper  
139 100  
109 37.3 22.5 33.7#  
65 249.3 39.9 59.9#





#32

Benzoic acid

Concen: 4.381 ng

RT: 10.075 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BP013097.D

Acq: 13 Dec 2022 10:21

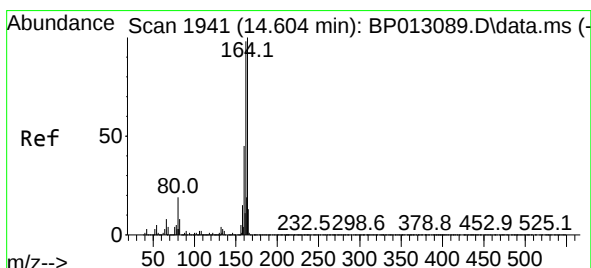
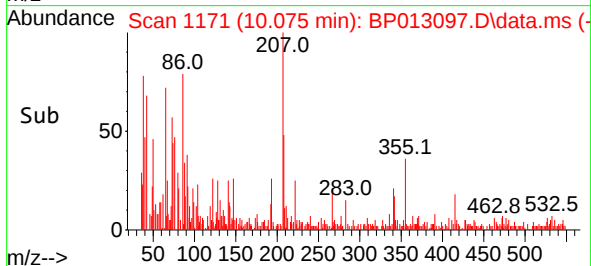
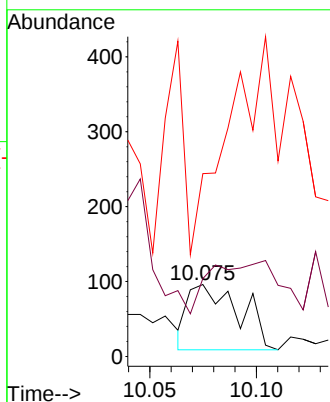
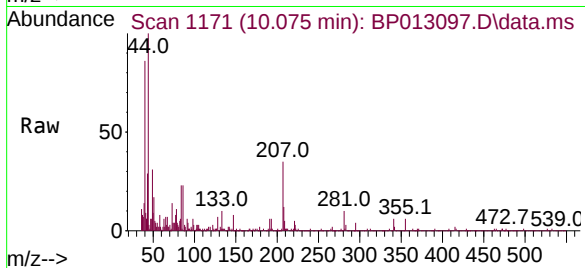
Instrument :

BNA\_P

ClientSampleId :

PB149129BL

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 146    |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 108.3 | 101.9 | 141.9  |
| 77       | 254.2 | 71.7  | 111.7# |



#39

Acenaphthene-d10

Concen: 20.000 ng

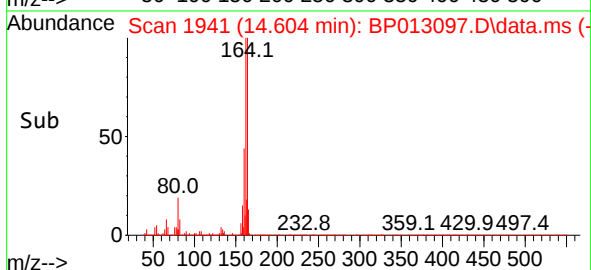
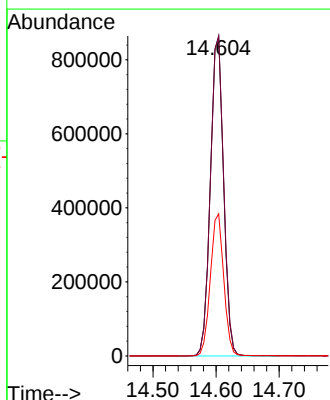
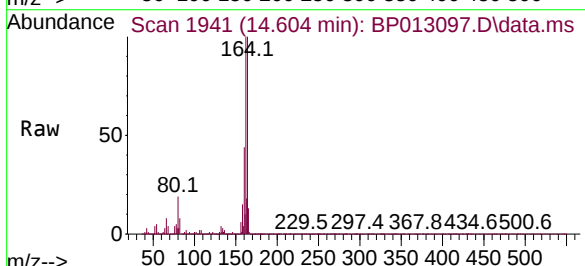
RT: 14.604 min Scan# 1941

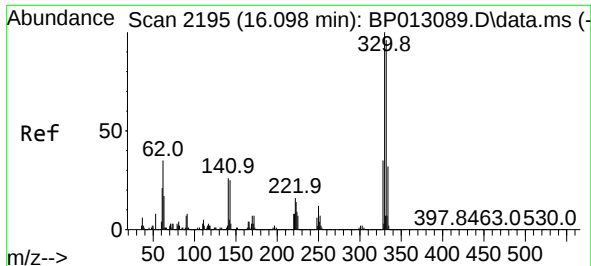
Delta R.T. 0.000 min

Lab File: BP013097.D

Acq: 13 Dec 2022 10:21

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 164   | Resp: | 1254786 |
| Ion      | Ratio | Lower | Upper   |
| 164      | 100   |       |         |
| 162      | 100.1 | 78.8  | 118.2   |
| 160      | 44.5  | 36.0  | 54.0    |

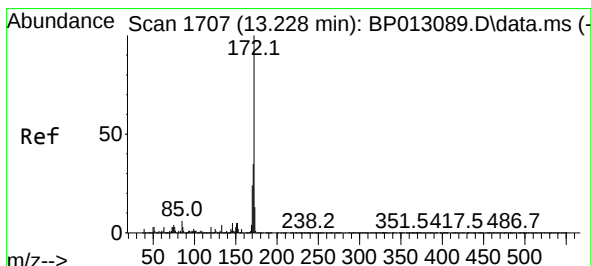
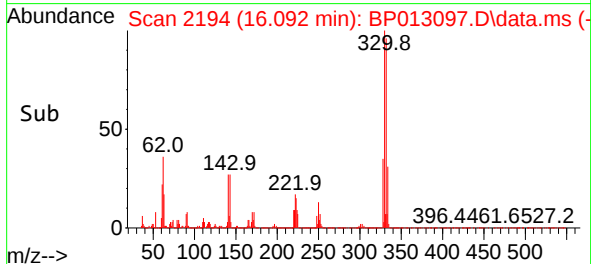
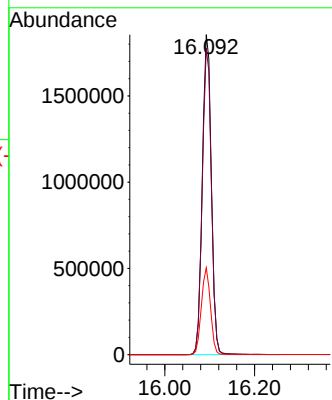
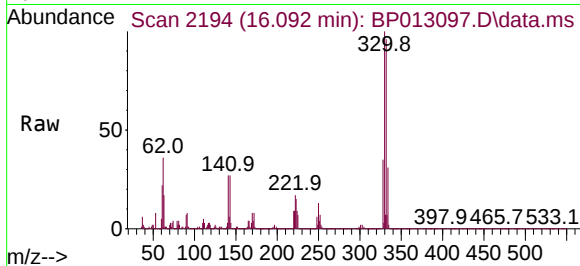




#42  
2,4,6-Tribromophenol  
Concen: 170.716 ng  
RT: 16.092 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

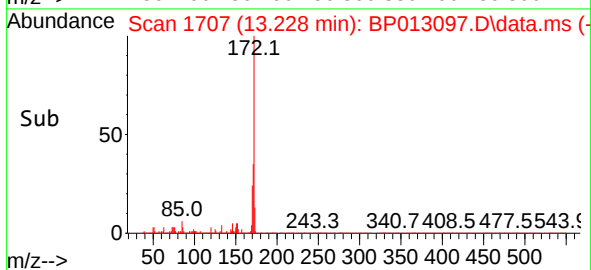
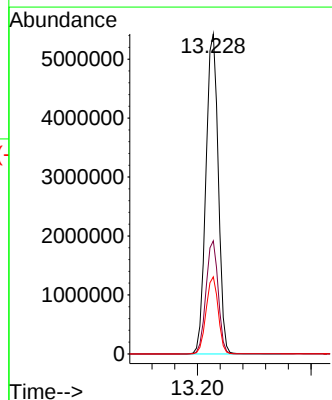
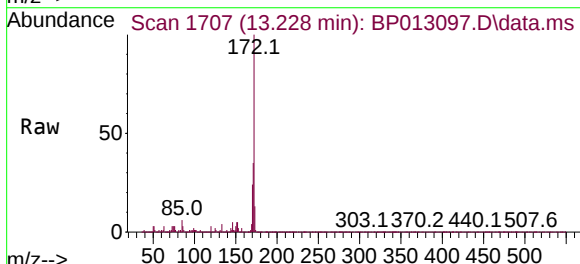
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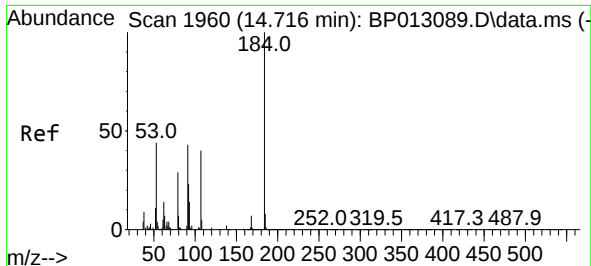
Tgt Ion:330 Resp: 2582730  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.5 116.3  
141 27.4 23.2 34.8



#45  
2-Fluorobiphenyl  
Concen: 88.891 ng  
RT: 13.228 min Scan# 1707  
Delta R.T. -0.000 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

Tgt Ion:172 Resp: 8214803  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.3 42.5  
170 24.1 19.2 28.8

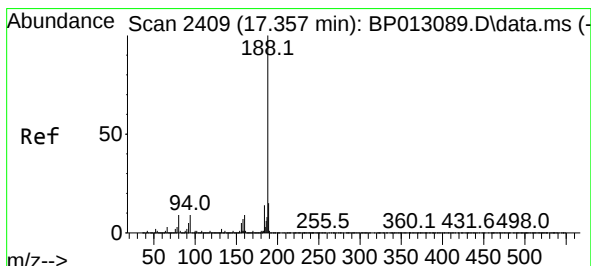
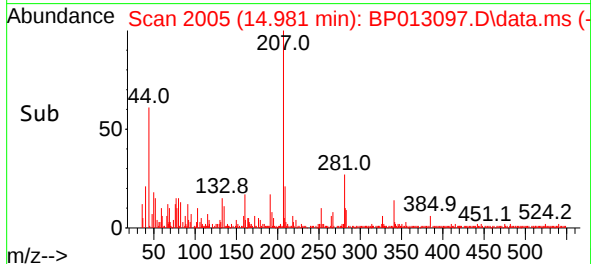
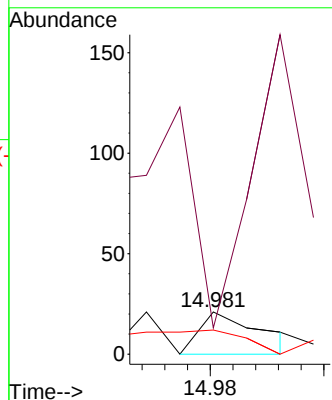
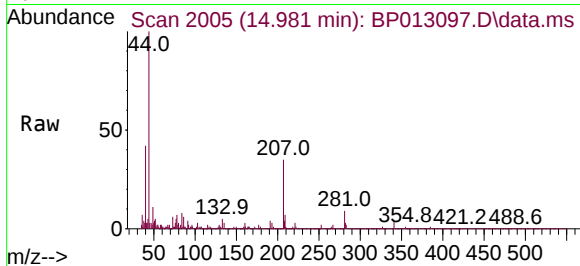




#54  
2,4-Dinitrophenol  
Concen: 3.599 ng  
RT: 14.981 min Scan# 20  
Delta R.T. 0.265 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

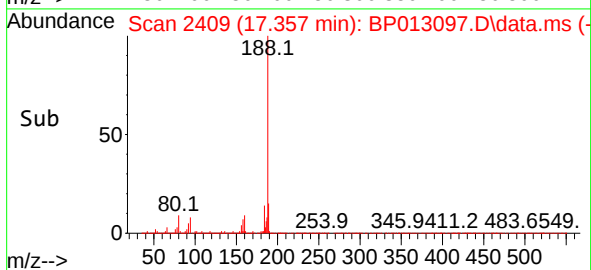
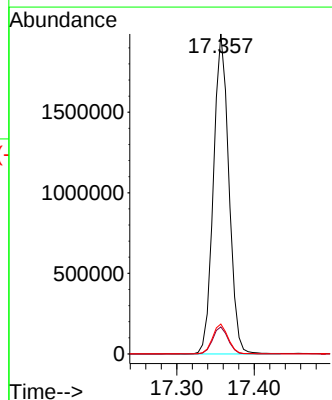
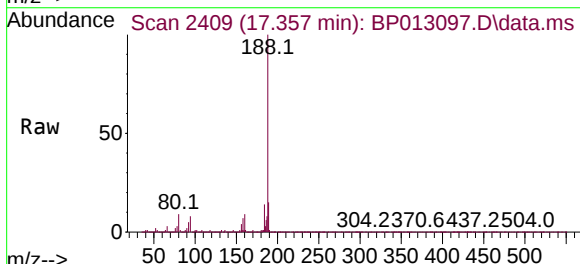
Instrument :  
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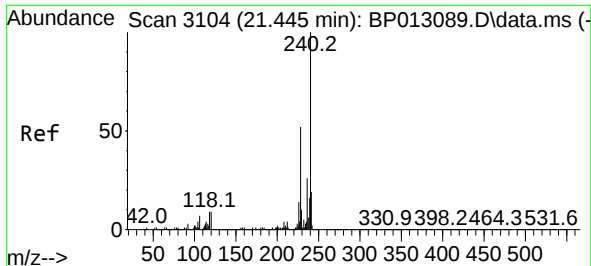
Tgt Ion:184 Resp: 16  
Ion Ratio Lower Upper  
184 100  
63 61.9 47.6 71.4  
154 57.1 45.5 68.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.357 min Scan# 2409  
Delta R.T. -0.000 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

Tgt Ion:188 Resp: 2741235  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.0 10.6  
80 9.3 7.5 11.3

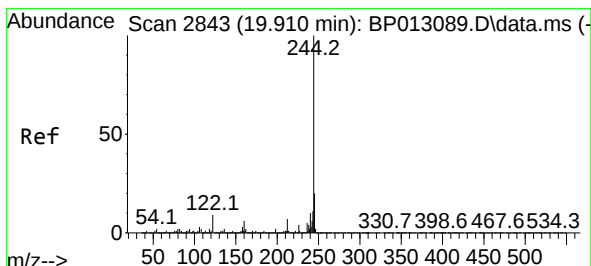
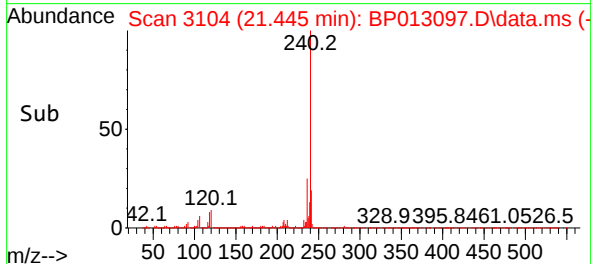
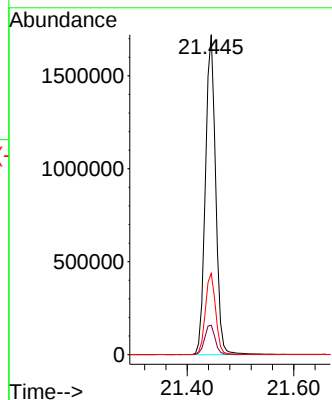
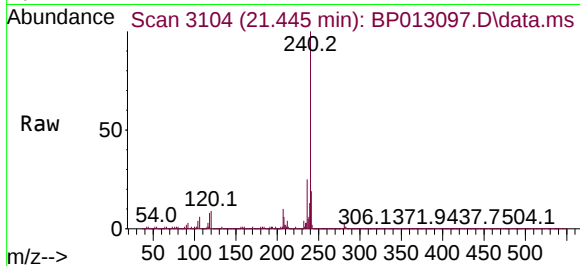




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.445 min Scan# 3104  
Delta R.T. -0.000 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

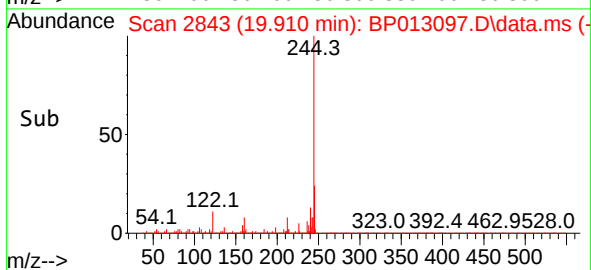
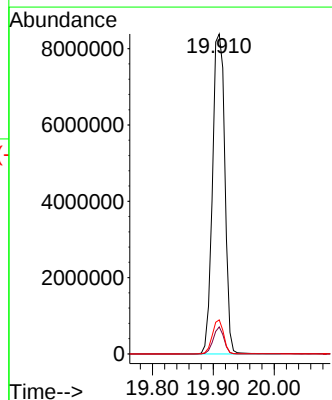
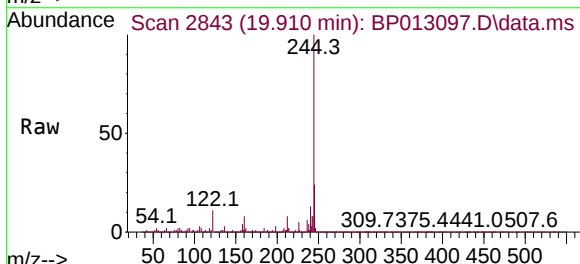
Instrument :  
BNA\_P  
ClientSampleId :  
PB149129BL

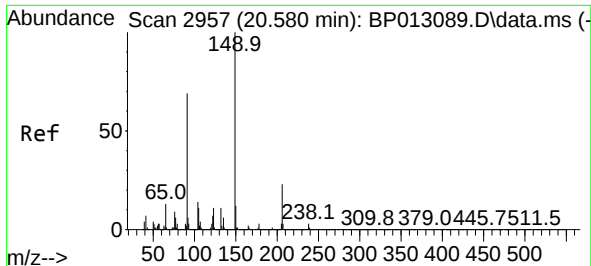
Tgt Ion:240 Resp: 2292306  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.4 11.2  
236 25.4 21.0 31.4



#79  
Terphenyl-d14  
Concen: 101.370 ng  
RT: 19.910 min Scan# 2843  
Delta R.T. -0.000 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

Tgt Ion:244 Resp:11778251  
Ion Ratio Lower Upper  
244 100  
212 8.4 5.5 8.3#  
122 10.6 7.2 10.8

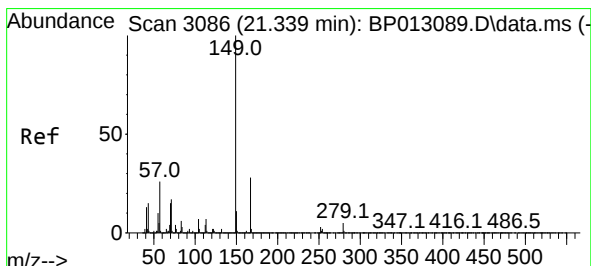
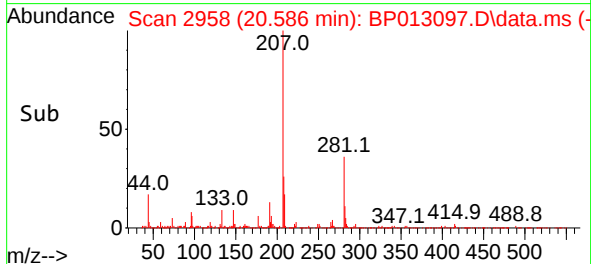
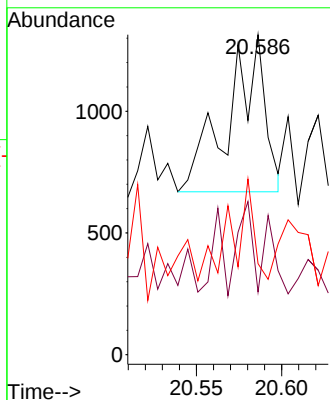
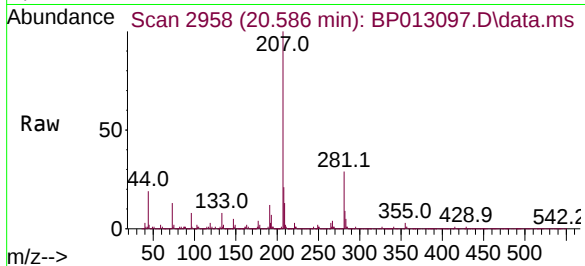




#80  
Butylbenzylphthalate  
Concen: 2.109 ng  
RT: 20.586 min Scan# 2957  
Delta R.T. 0.006 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

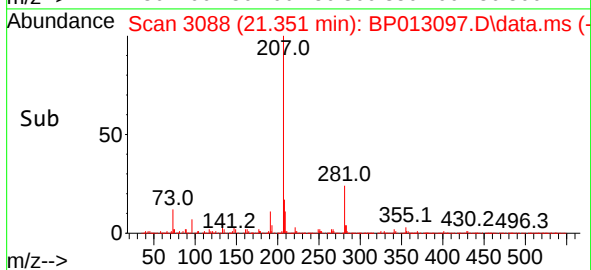
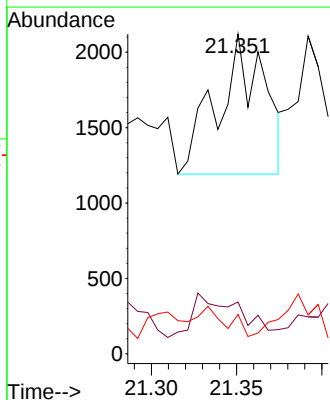
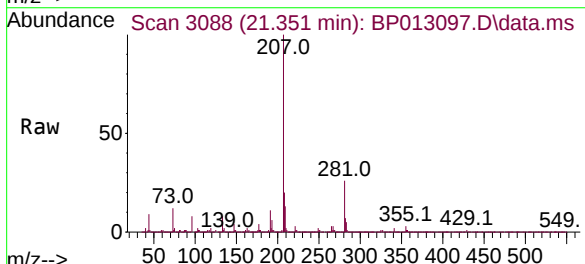
Instrument :  
BNA\_P  
ClientSampleId :  
PB149129BL

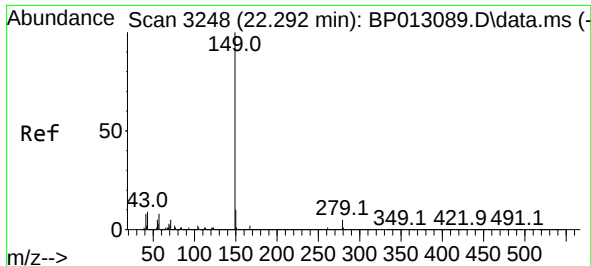
Tgt Ion:149 Resp: 964  
Ion Ratio Lower Upper  
149 100  
91 19.6 55.2 82.8#  
206 28.4 18.3 27.5#



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.801 ng  
RT: 21.351 min Scan# 3088  
Delta R.T. 0.012 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

Tgt Ion:149 Resp: 1759  
Ion Ratio Lower Upper  
149 100  
167 25.2 22.6 34.0  
279 12.3 3.8 5.6#

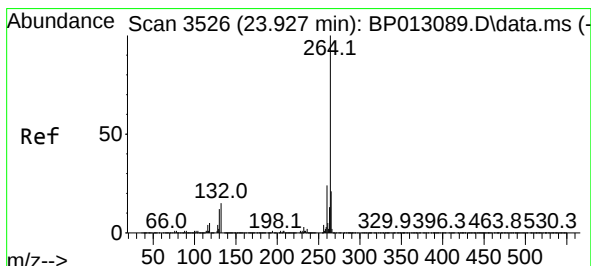
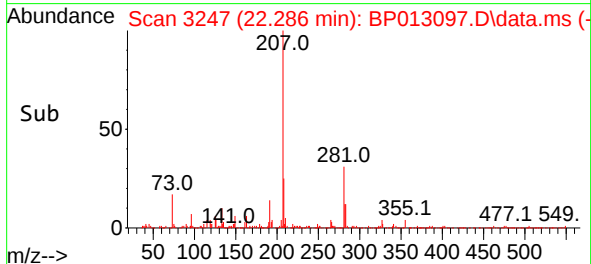
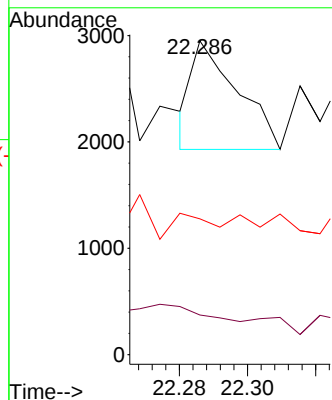
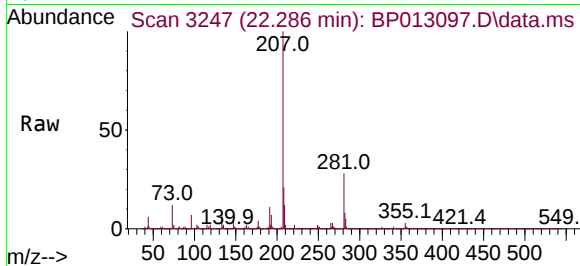




#85  
Di-n-octyl phthalate  
Concen: 2.175 ng  
RT: 22.286 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

Instrument :  
BNA\_P  
ClientSampleId :  
PB149129BL

Tgt Ion:149 Resp: 951  
Ion Ratio Lower Upper  
149 100  
167 78.2 1.3 1.9#  
43 0.0 7.8 11.8#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.927 min Scan# 3526  
Delta R.T. -0.000 min  
Lab File: BP013097.D  
Acq: 13 Dec 2022 10:21

Tgt Ion:264 Resp: 1960619  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.1 28.7  
265 22.5 17.7 26.5

