

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110620\  
 Data File : BP003852.D  
 Acq On : 07 Nov 2020 01:21  
 Operator : CG/JU  
 Sample : PB132882BL  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB132882BL

Quant Time: Nov 07 03:16:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 06 11:33:14 2020  
 Response via : Initial Calibration

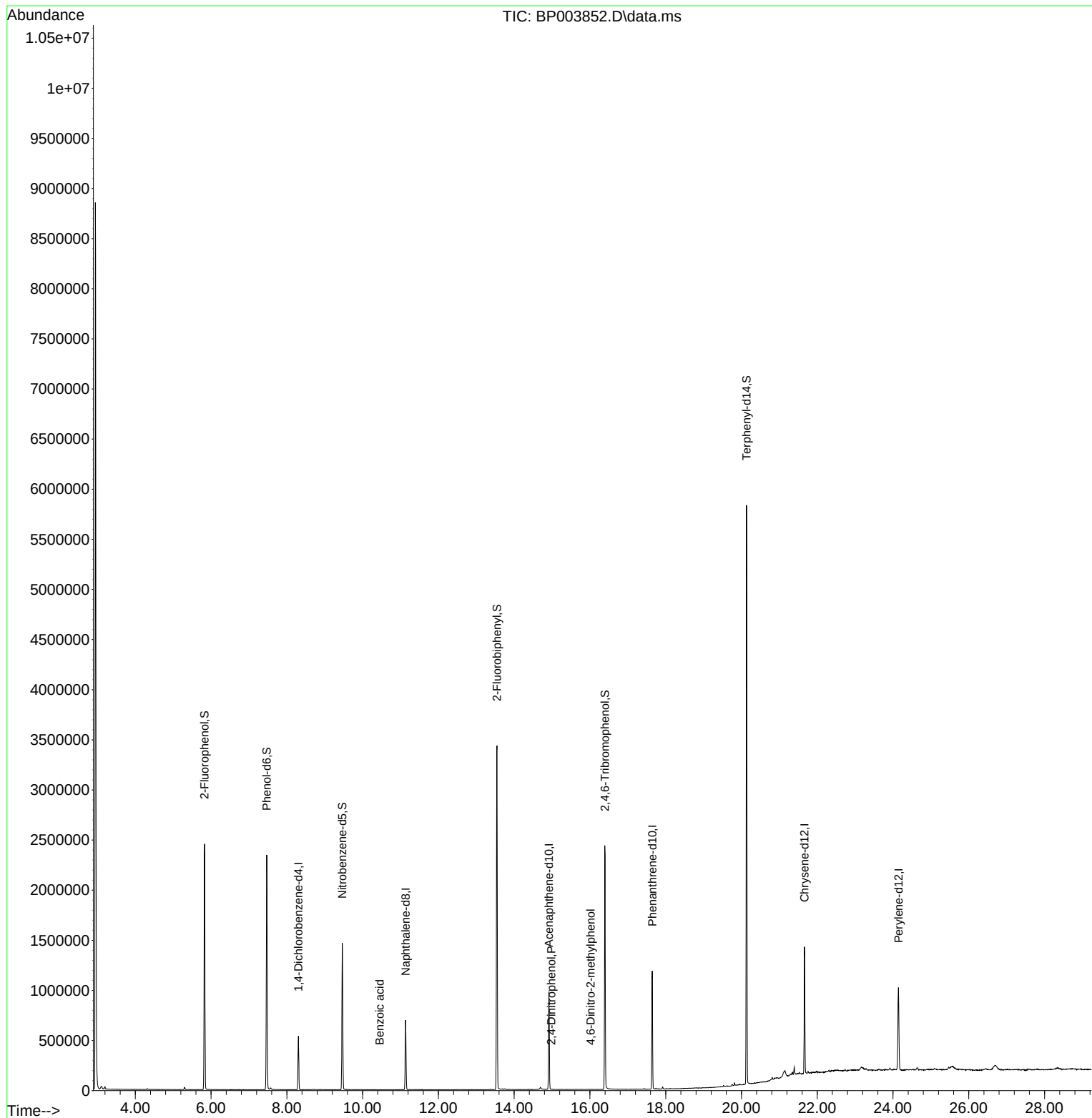
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.305  | 152  | 142316   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.134 | 136  | 553520   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.916 | 164  | 329088   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.645 | 188  | 691283   | 20.00     | ng    | 0.00     |
| 76) Chrysene-d12              | 21.663 | 240  | 634090   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 24.145 | 264  | 652555   | 20.00     | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.828  | 112  | 1017035  | 119.27    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.469  | 99   | 1291337  | 105.50    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.463  | 82   | 803659   | 71.11     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.398 | 330  | 474296   | 115.23    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.546 | 172  | 1800935  | 76.51     | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.133 | 244  | 2496913  | 76.08     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 9) Benzaldehyde               | 7.358  | 77   | 104      | Below Cal | #     | 24       |
| 32) Benzoic acid              | 10.452 | 122  | 84       | 8.32      | ng    | # 78     |
| 54) 2,4-Dinitrophenol         | 14.981 | 184  | 51       | 2.76      | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 16.022 | 198  | 22       | 6.35      | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

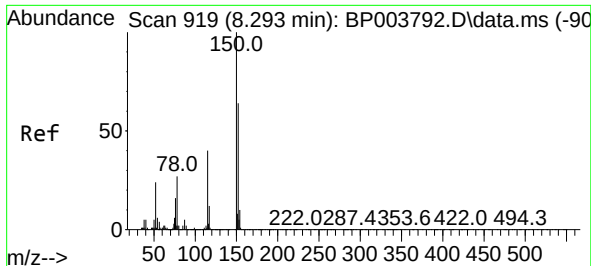
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110620\  
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Quant Time: Nov 07 03:16:49 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 06 11:33:14 2020  
Response via : Initial Calibration

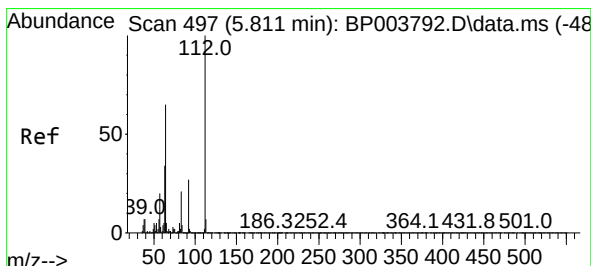
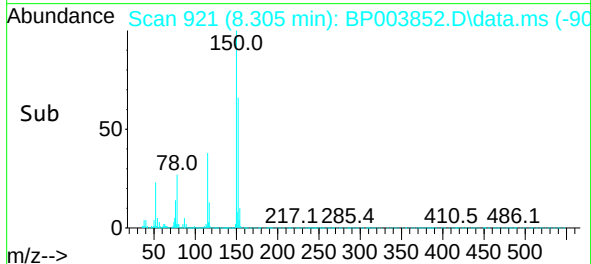
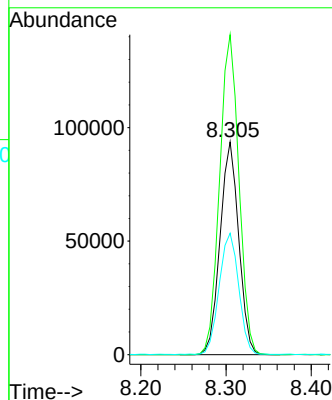
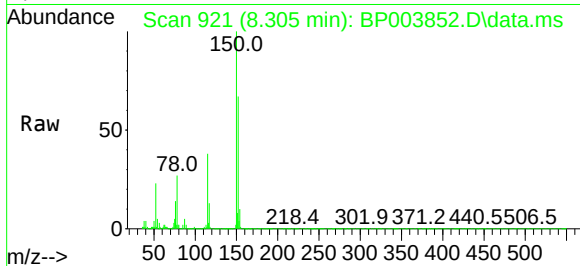




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.305 min Scan# 921  
Delta R.T. -0.000 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

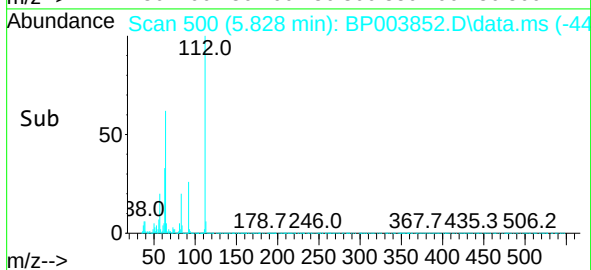
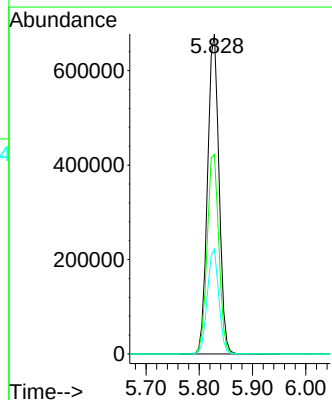
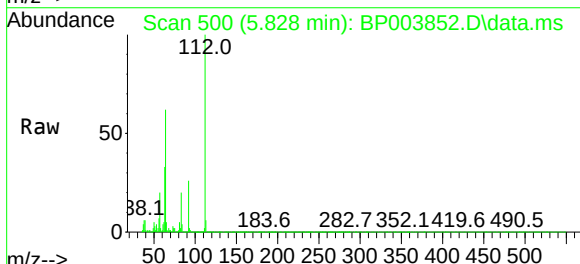
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BNA\_P  
ClientSampleId :  
PB132882BL

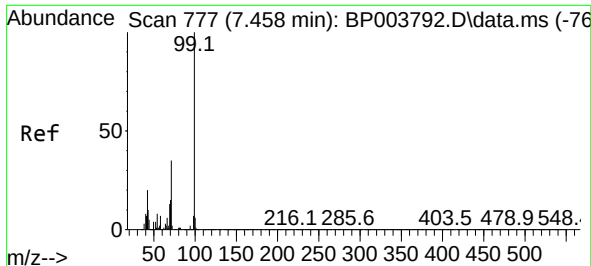
Tgt Ion:152 Resp: 142316  
Ion Ratio Lower Upper  
152 100  
150 150.4 123.8 185.6  
115 57.1 43.8 65.6



#5  
2-Fluorophenol  
Concen: 119.27 ng  
RT: 5.828 min Scan# 500  
Delta R.T. 0.006 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

Tgt Ion:112 Resp: 1017035  
Ion Ratio Lower Upper  
112 100  
64 62.4 32.8 49.2#  
63 32.8 17.0 25.4#

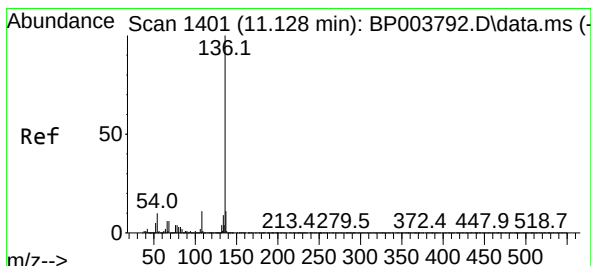
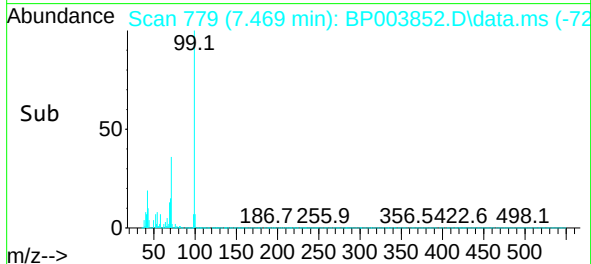
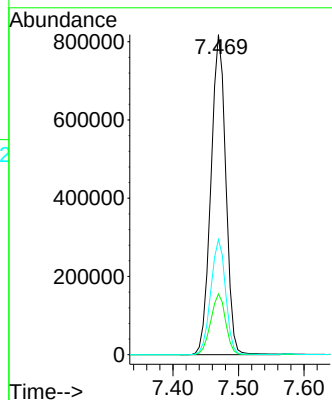
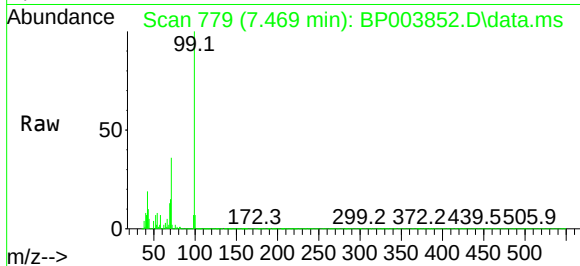




#7  
Phenol-d6  
Concen: 105.50 ng  
RT: 7.469 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

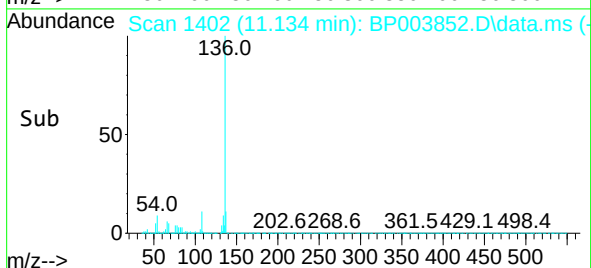
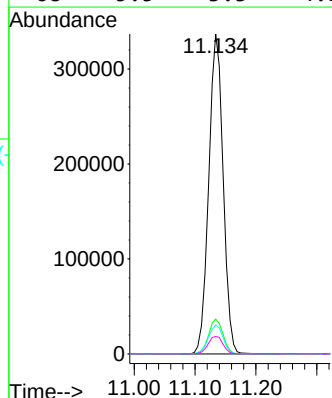
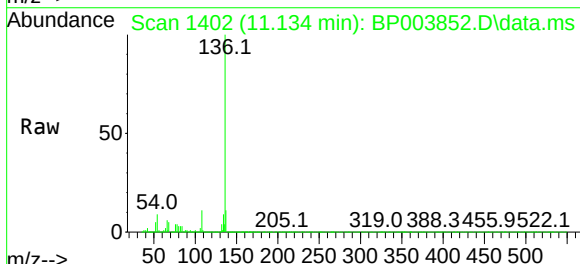
Instrument :  
BNA\_P  
ClientSampleId :  
PB132882BL

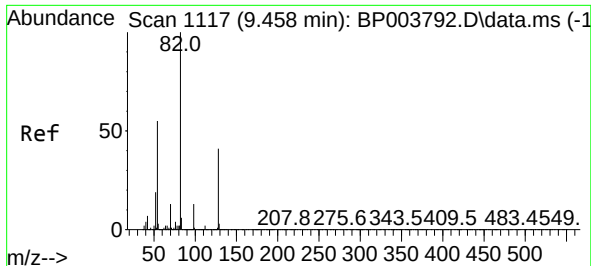
Tgt Ion: 99 Resp: 1291337  
Ion Ratio Lower Upper  
99 100  
42 19.0 8.6 13.0#  
71 36.0 23.4 35.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.134 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

Tgt Ion: 136 Resp: 553520  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 9.1 3.6 5.4#  
68 5.5 3.3 4.9#

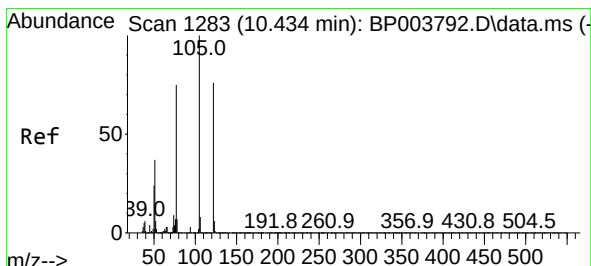
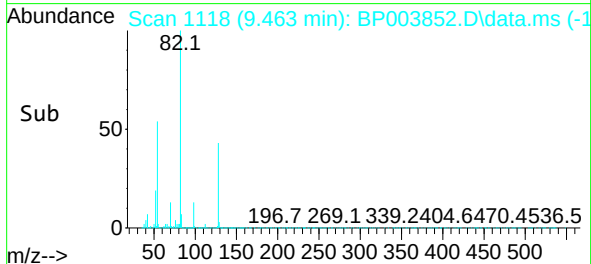
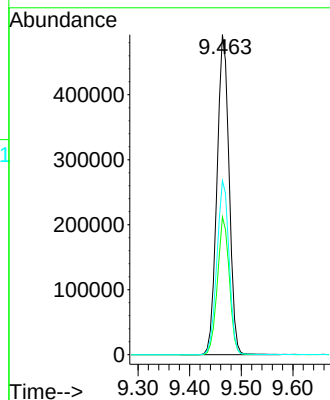
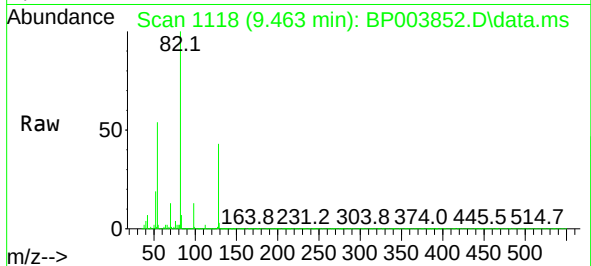




#23  
Nitrobenzene-d5  
Concen: 71.11 ng  
RT: 9.463 min Scan# 1118  
Delta R.T. -0.006 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

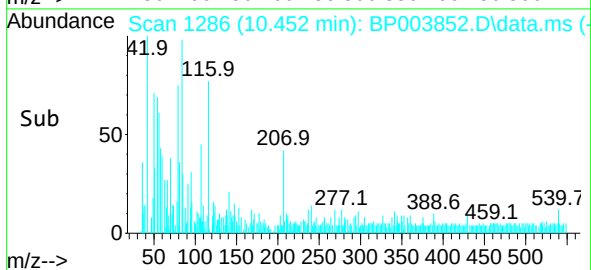
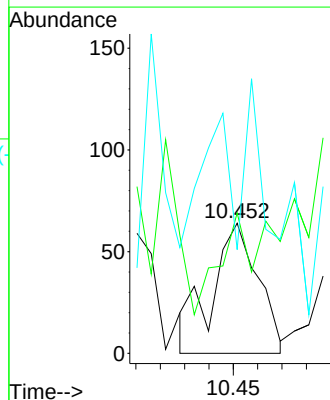
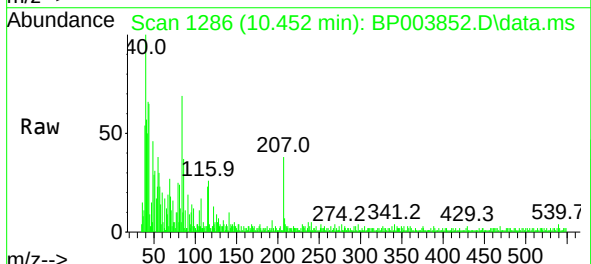
Instrument :  
BNA\_P  
ClientSampleId :  
PB132882BL

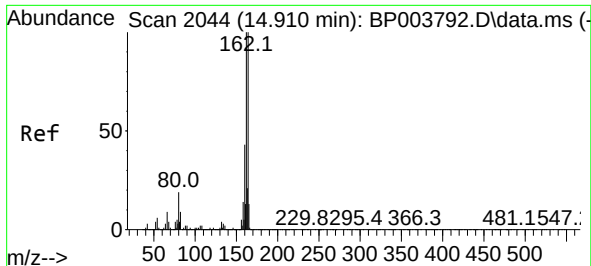
Tgt Ion: 82 Resp: 803659  
Ion Ratio Lower Upper  
82 100  
128 43.0 45.6 68.4#  
54 54.3 30.1 45.1#



#32  
Benzoic acid  
Concen: 8.32 ng  
RT: 10.452 min Scan# 1286  
Delta R.T. 0.000 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

Tgt Ion: 122 Resp: 84  
Ion Ratio Lower Upper  
122 100  
105 83.1 94.1 134.1#  
77 61.4 50.1 90.1

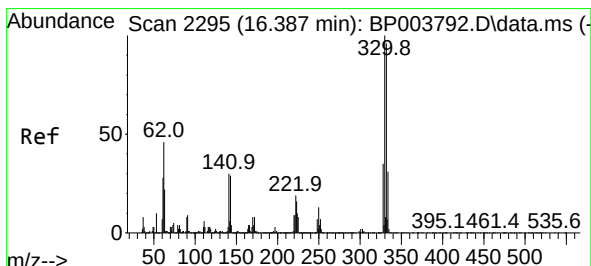
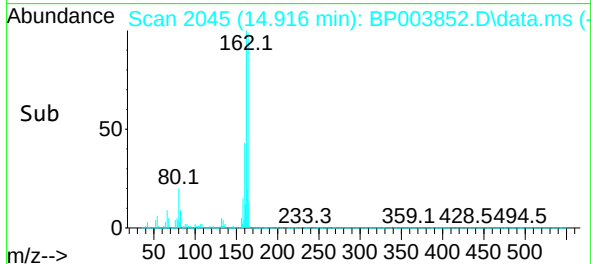
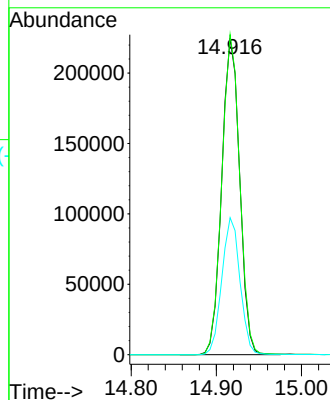
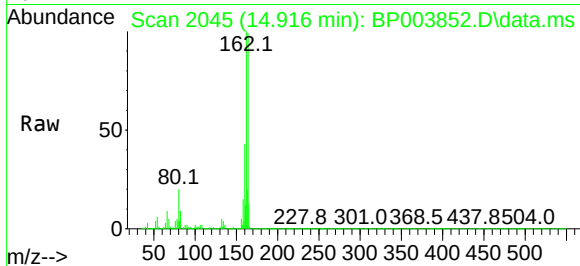




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.916 min Scan# 2045  
Delta R.T. 0.000 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

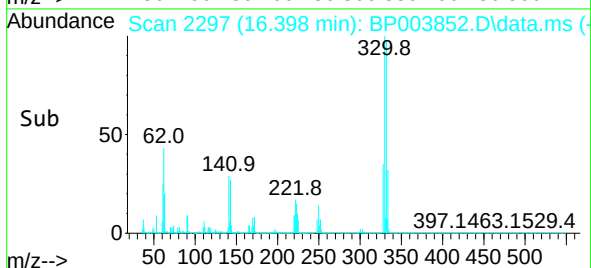
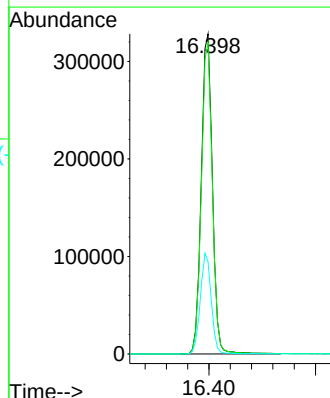
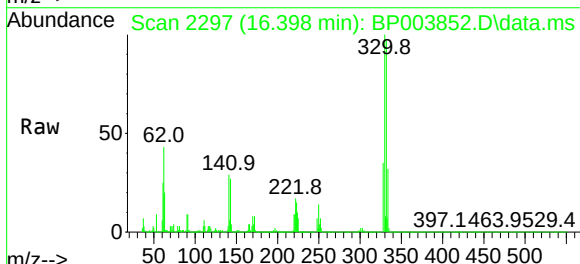
Instrument :  
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ClientSampleId :  
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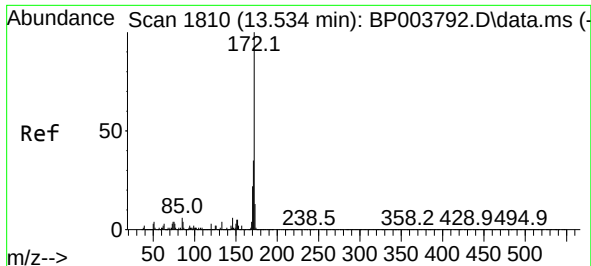
Tgt Ion:164 Resp: 329088  
Ion Ratio Lower Upper  
164 100  
162 101.1 79.4 119.2  
160 43.3 36.1 54.1



#42  
2,4,6-Tribromophenol  
Concen: 115.23 ng  
RT: 16.398 min Scan# 2297  
Delta R.T. 0.000 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

Tgt Ion:330 Resp: 474296  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.1 115.7  
141 31.0 23.4 35.2

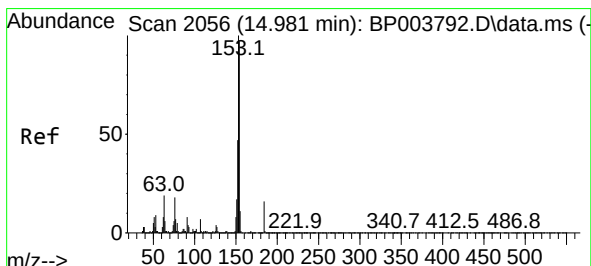
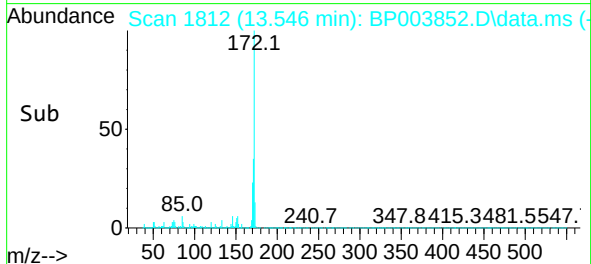
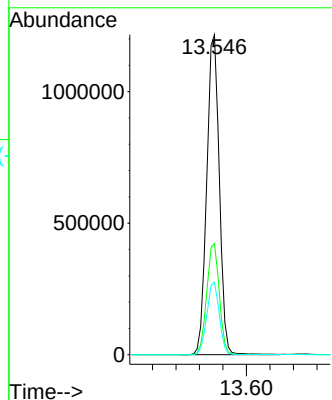
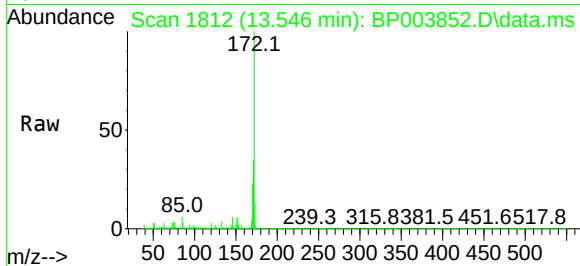




#45  
2-Fluorobiphenyl  
Concen: 76.51 ng  
RT: 13.546 min Scan# 1812  
Delta R.T. 0.000 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

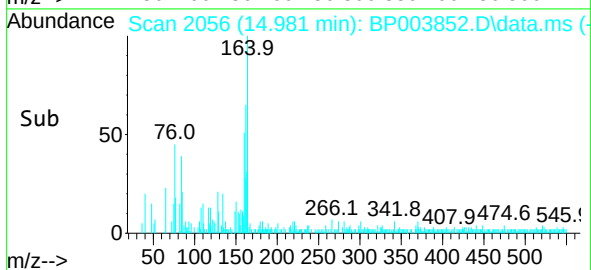
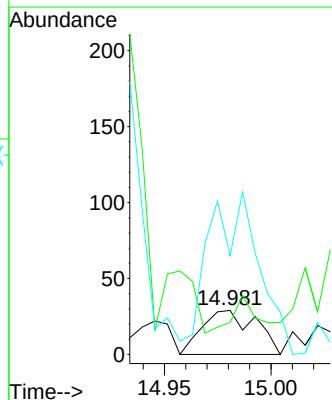
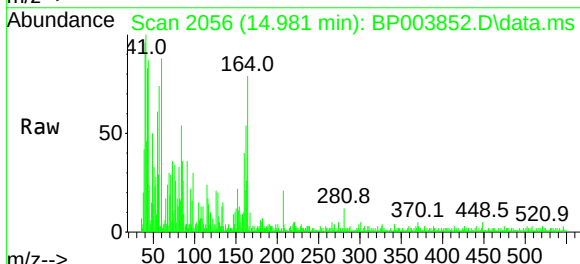
Instrument :  
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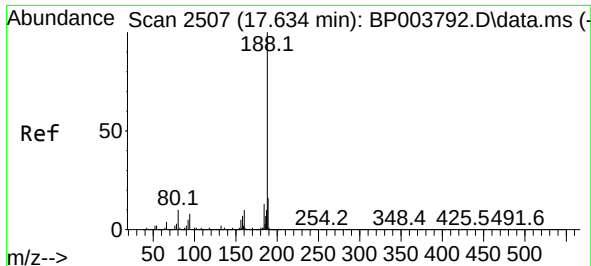
Tgt Ion:172 Resp: 1800935  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.5 42.7  
170 22.7 19.2 28.8



#54  
2,4-Dinitrophenol  
Concen: 2.76 ng  
RT: 14.981 min Scan# 2056  
Delta R.T. -0.018 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

Tgt Ion:184 Resp: 51  
Ion Ratio Lower Upper  
184 100  
63 72.4 32.3 48.5#  
154 224.1 49.1 73.7#

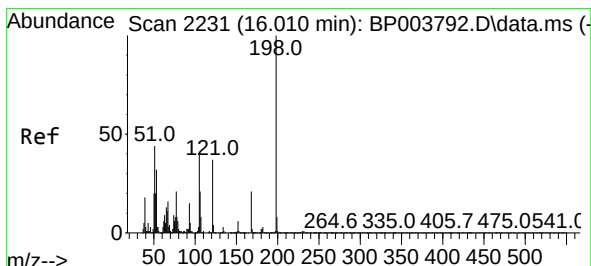
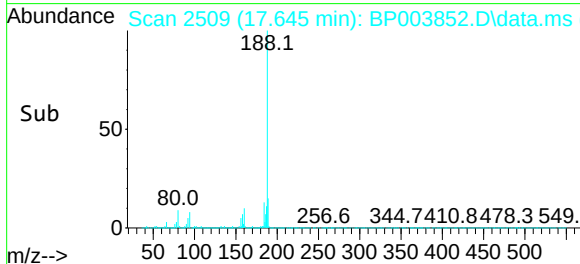
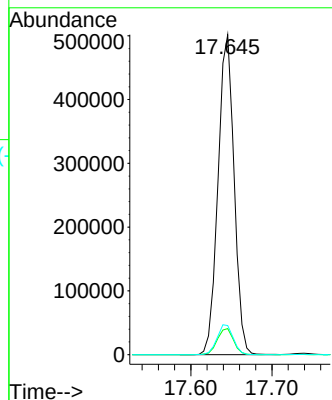
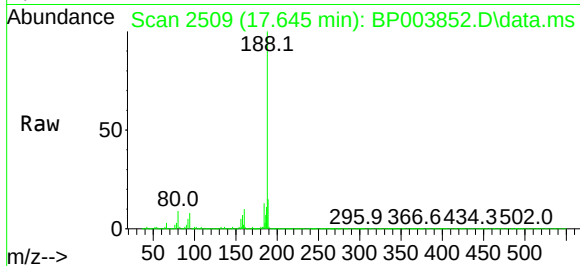




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.645 min Scan# 2509  
Delta R.T. 0.000 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

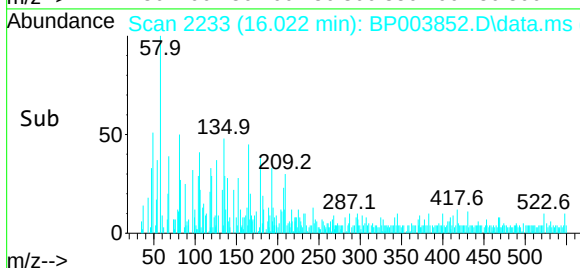
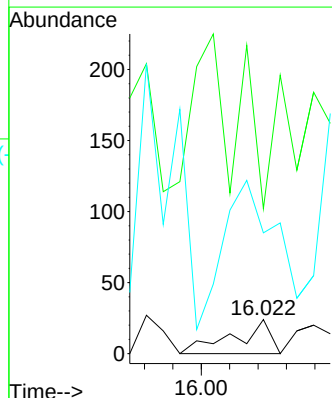
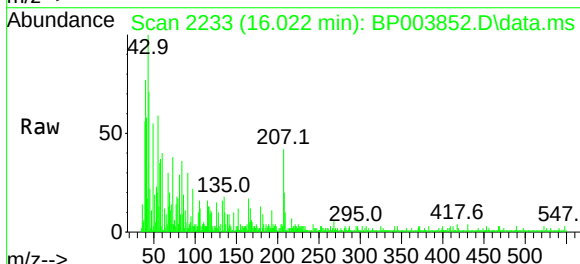
Instrument :  
BNA\_P  
ClientSampleId :  
PB132882BL

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:188 | Resp: | 691283 |       |
| Ion         | Ratio | Lower  | Upper |
| 188         | 100   |        |       |
| 94          | 8.2   | 6.2    | 9.2   |
| 80          | 9.1   | 6.2    | 9.2   |

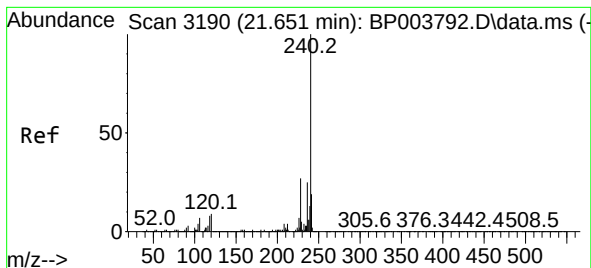


#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.35 ng  
RT: 16.022 min Scan# 2233  
Delta R.T. 0.000 min  
Lab File: BP003852.D  
Acq: 07 Nov 2020 01:21

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:198 | Resp: | 22    |       |
| Ion         | Ratio | Lower | Upper |
| 198         | 100   |       |       |
| 51          | 425.0 | 6.4   | 46.4# |
| 105         | 354.2 | 18.9  | 58.9# |







#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.663 min Scan# 3192

Delta R.T. -0.006 min

Lab File: BP003852.D

Acq: 07 Nov 2020 01:21

Tgt Ion:240 Resp: 634090

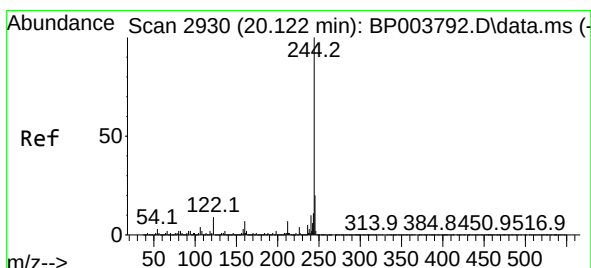
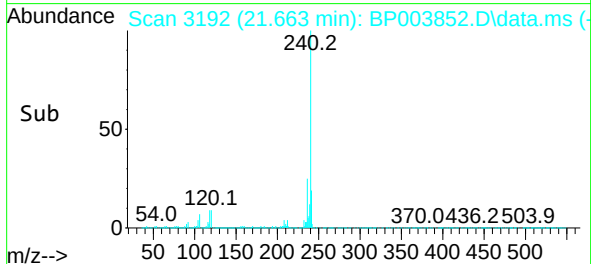
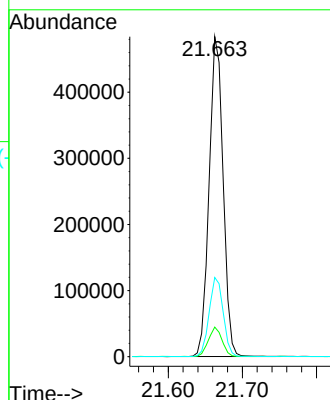
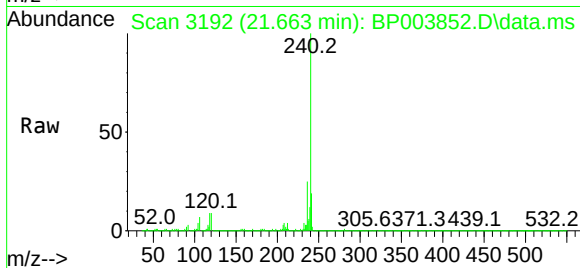
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 9.2   | 7.8   | 11.6  |
| 236 | 24.8  | 20.8  | 31.2  |

Instrument :

BNA\_P

ClientSampleId :

PB132882BL



#79

Terphenyl-d14

Concen: 76.08 ng

RT: 20.133 min Scan# 2932

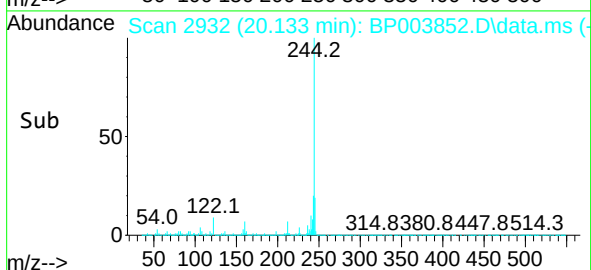
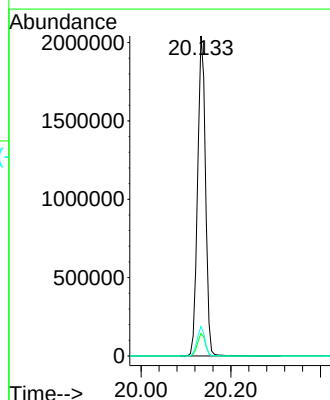
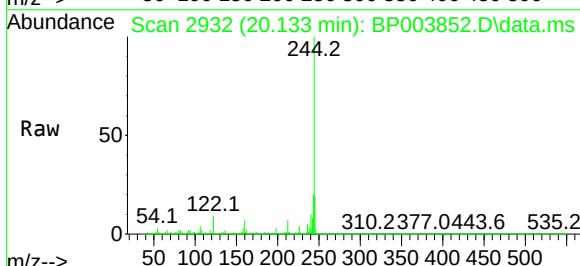
Delta R.T. 0.000 min

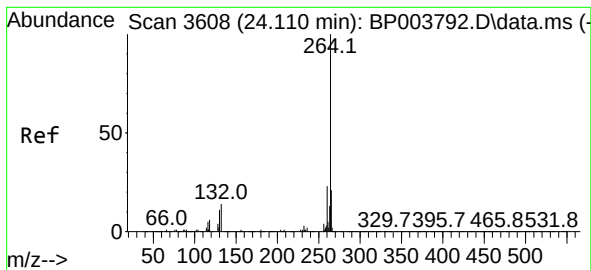
Lab File: BP003852.D

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Tgt Ion:244 Resp: 2496913

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.0   | 5.8   | 8.6   |
| 122 | 9.2   | 7.8   | 11.8  |





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.145 min Scan# 3614  
 Delta R.T. 0.000 min  
 Lab File: BP003852.D  
 Acq: 07 Nov 2020 01:21

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB132882BL

Tgt Ion:264 Resp: 652555  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.3  | 18.8  | 28.2  |
| 265 | 21.2  | 17.4  | 26.2  |

