

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112020\  
 Data File : BP004026.D  
 Acq On : 20 Nov 2020 16:18  
 Operator : CG/JU  
 Sample : L4829-15  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-1A

Quant Time: Nov 20 16:57:12 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 20 12:19:10 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.263  | 152  | 133229   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.099 | 136  | 504999   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.892 | 164  | 317740   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.628 | 188  | 652623   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.663 | 240  | 611681   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 24.139 | 264  | 631059   | 20.00     | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.799  | 112  | 558778   | 70.00     | ng    | 0.00     |
| 7) Phenol-d6                  | 7.452  | 99   | 493976   | 43.11     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.434  | 82   | 981902   | 95.23     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.381 | 330  | 626483   | 157.64    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.516 | 172  | 2254419  | 99.19     | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.127 | 244  | 2814790  | 88.90     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.346  | 77   | 1870     | Below Cal | #     | 1        |
| 18) Hexachloroethane          | 9.399  | 117  | 7750     | 2.08 ng   | #     | 1        |
| 31) Naphthalene               | 11.146 | 128  | 79415    | 2.93 ng   |       | 99       |
| 32) Benzoic acid              | 10.457 | 122  | 190      | 8.34 ng   | #     | 1        |
| 50) Dimethylphthalate         | 14.316 | 163  | 101952   | 4.10 ng   |       | 100      |
| 54) 2,4-Dinitrophenol         | 14.975 | 184  | 39       | 2.75 ng   | #     | 1        |
| 65) 4,6-Dinitro-2-methylph... | 16.028 | 198  | 37       | 6.35 ng   | #     | 1        |
| -----                         |        |      |          |           |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP11020\

Data File : BP004026.D

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Operator : CG/JU

Sample : L4829-15

Misc :

ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
MW-1A

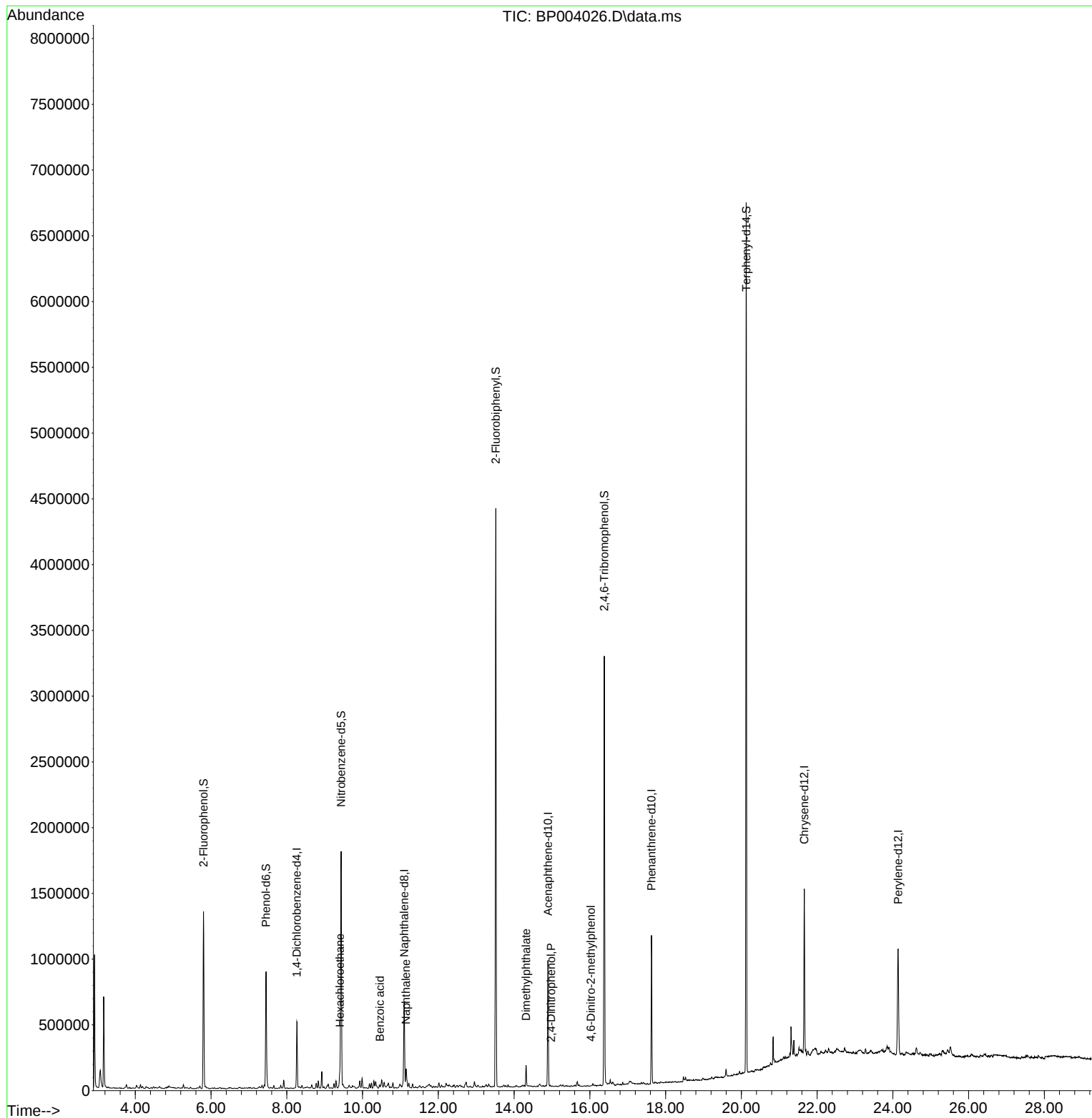
Quant Time: Nov 20 16:57:12 2020

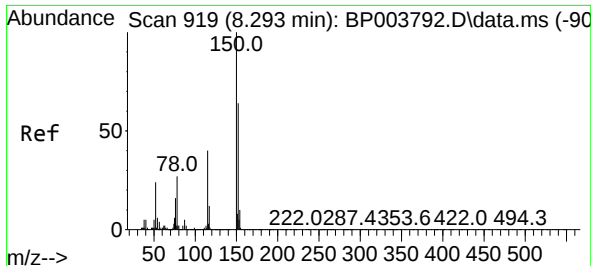
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 20 12:19:10 2020

Response via : Initial Calibration

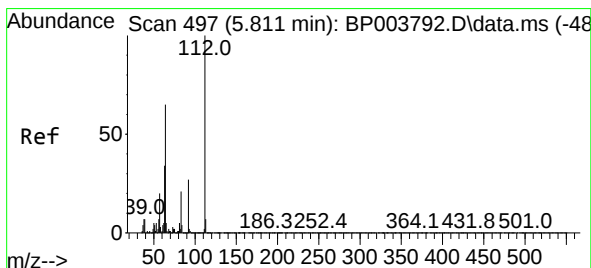
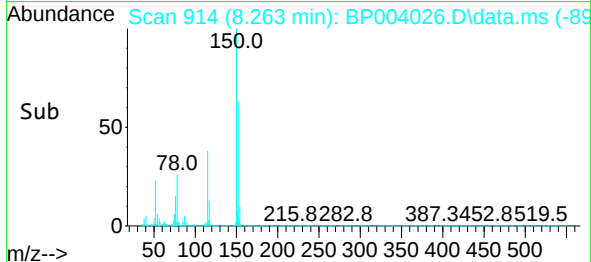
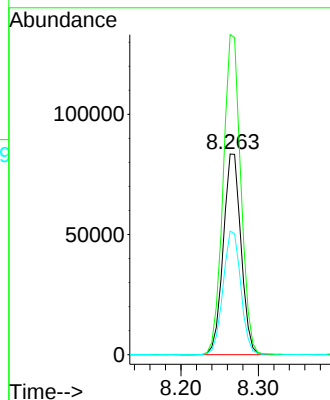
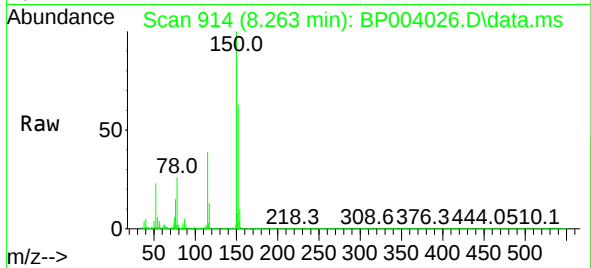




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.263 min Scan# 914  
Delta R.T. -0.006 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

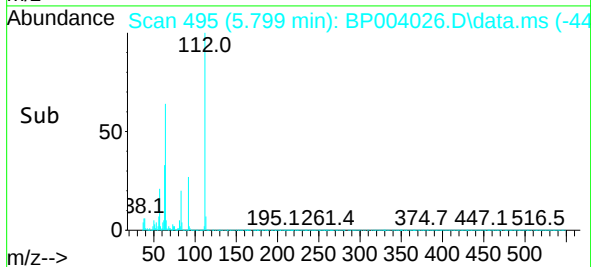
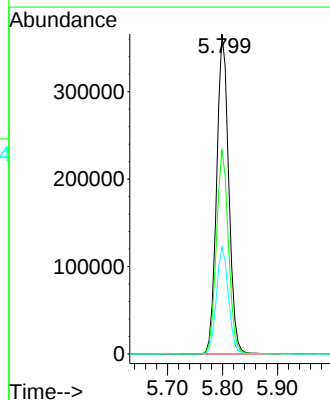
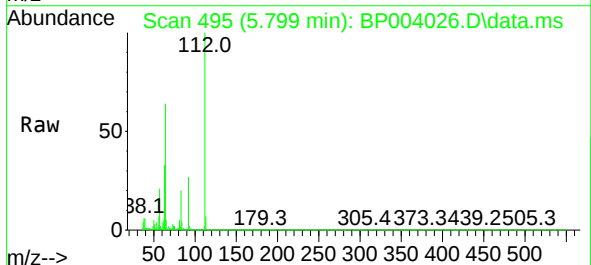
Instrument :  
BNA\_P  
ClientSampleId :  
MW-1A

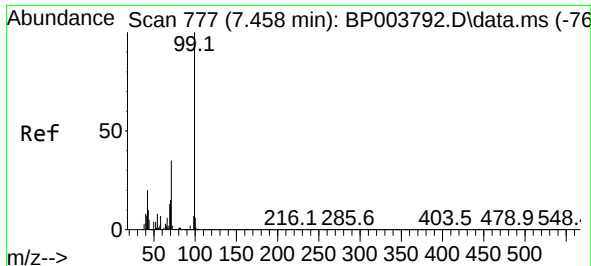
Tgt Ion:152 Resp: 133229  
Ion Ratio Lower Upper  
152 100  
150 159.5 123.8 185.6  
115 61.6 43.8 65.6



#5  
2-Fluorophenol  
Concen: 70.00 ng  
RT: 5.799 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

Tgt Ion:112 Resp: 558778  
Ion Ratio Lower Upper  
112 100  
64 63.6 32.8 49.2#  
63 33.3 17.0 25.4#

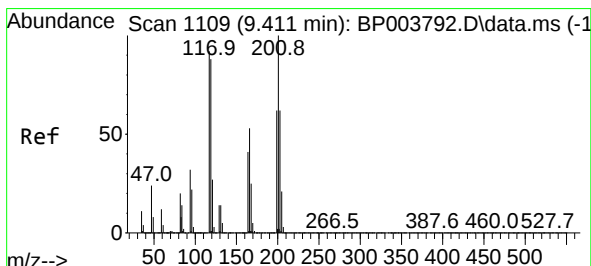
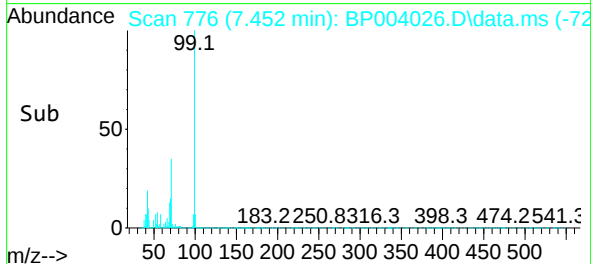
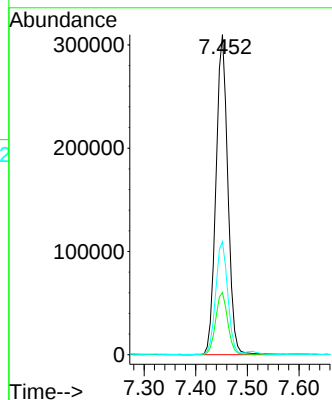
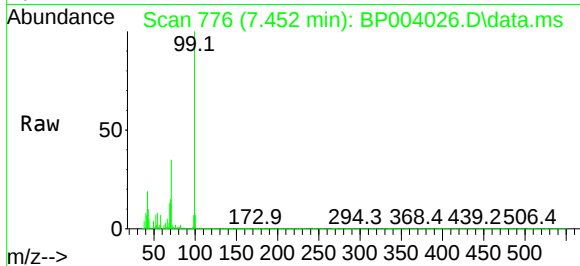




#7  
Phenol-d6  
Concen: 43.11 ng  
RT: 7.452 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

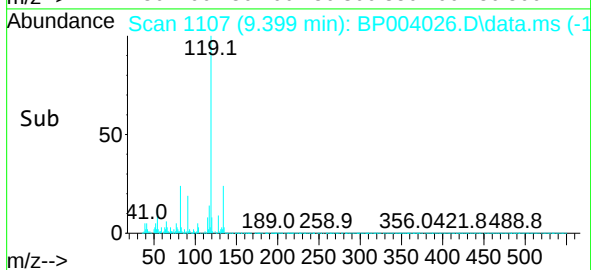
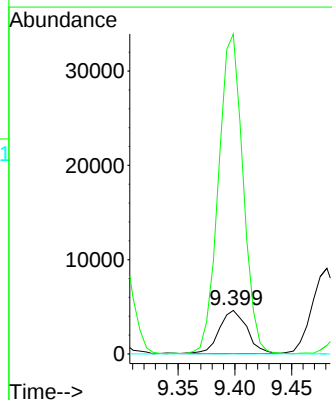
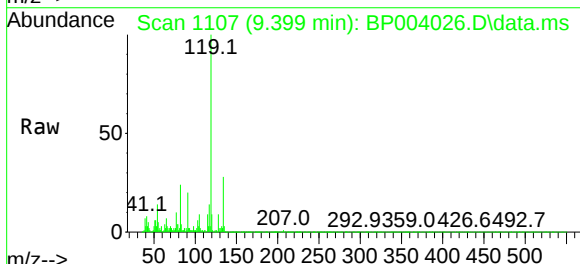
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BNA\_P  
ClientSampleId :  
MW-1A

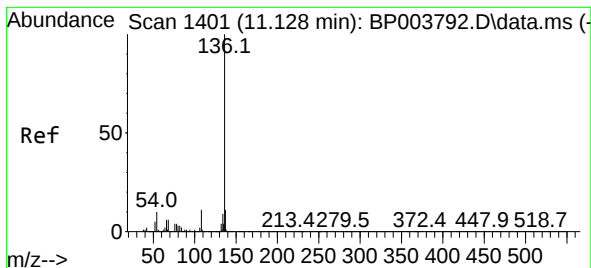
Tgt Ion: 99 Resp: 493976  
Ion Ratio Lower Upper  
99 100  
42 19.4 8.6 13.0#  
71 35.3 23.4 35.2#



#18  
Hexachloroethane  
Concen: 2.08 ng  
RT: 9.399 min Scan# 1107  
Delta R.T. 0.018 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

Tgt Ion: 117 Resp: 7750  
Ion Ratio Lower Upper  
117 100  
119 733.9 78.8 118.2#  
201 0.3 92.3 138.5#

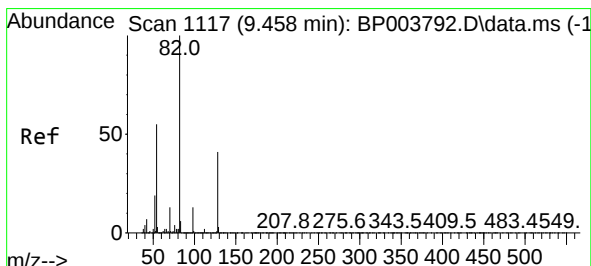
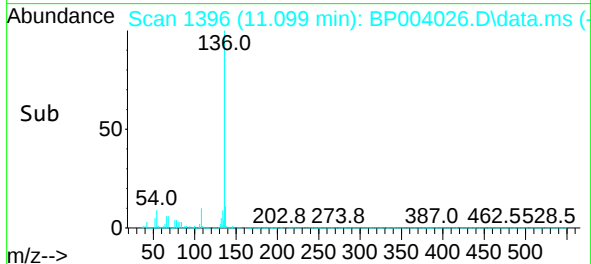
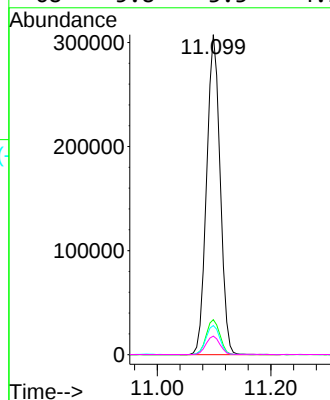
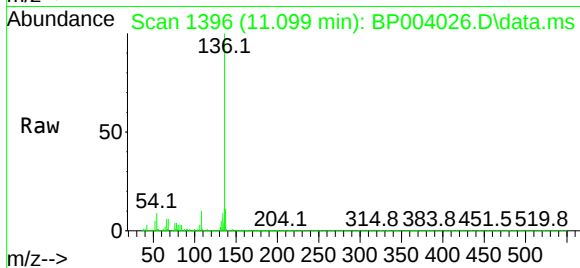




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.099 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

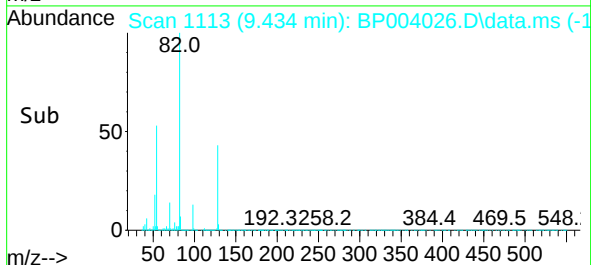
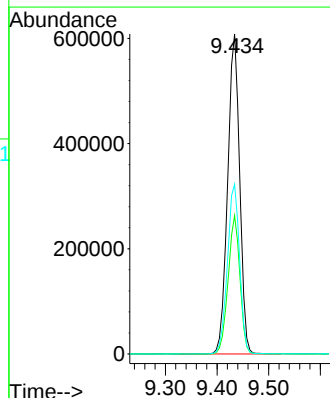
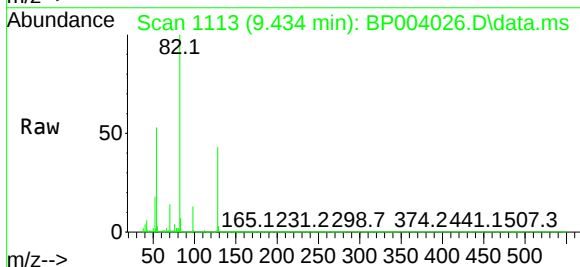
Instrument :  
BNA\_P  
ClientSampleId :  
MW-1A

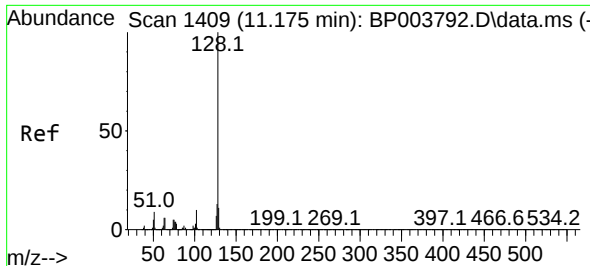
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 504999 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 8.6   | 13.0   |
| 54        | 9.1   | 3.6   | 5.4#   |
| 68        | 5.8   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 95.23 ng  
RT: 9.434 min Scan# 1113  
Delta R.T. -0.006 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 981902 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 43.2  | 45.6  | 68.4#  |
| 54        | 53.0  | 30.1  | 45.1#  |

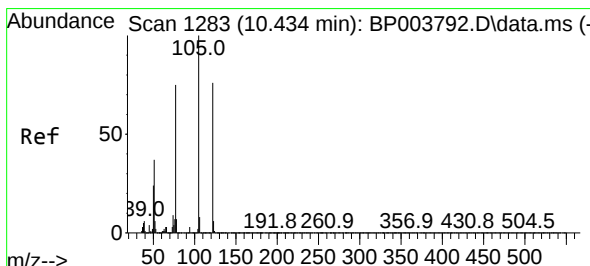
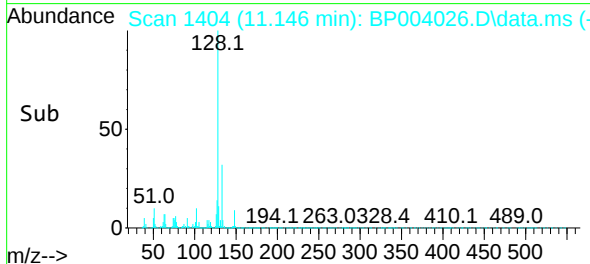
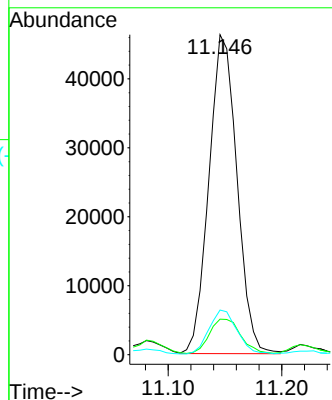
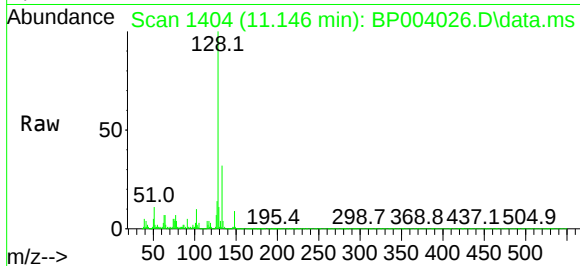




#31  
Naphthalene  
Concen: 2.93 ng  
RT: 11.146 min Scan# 1404  
Delta R.T. -0.006 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

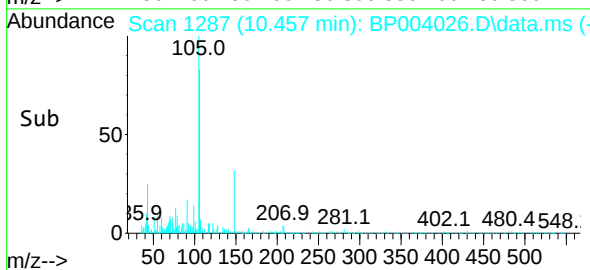
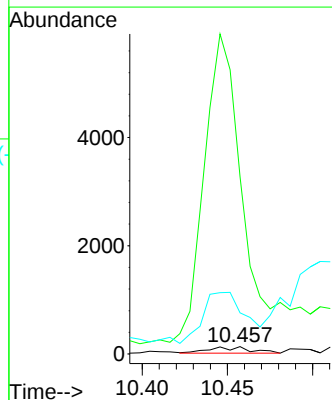
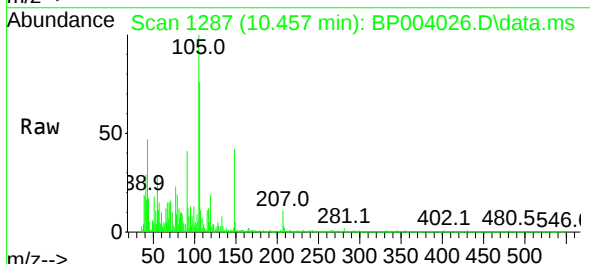
Instrument :  
BNA\_P  
ClientSampled :  
MW-1A

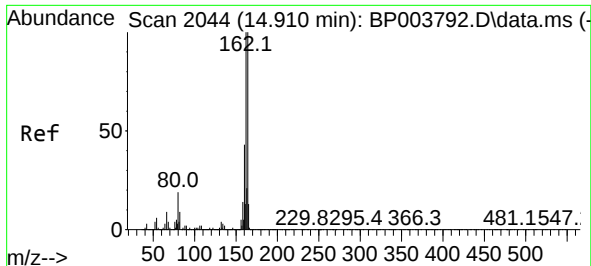
Tgt Ion:128 Resp: 79415  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 14.0 10.6 15.8



#32  
Benzoic acid  
Concen: 8.34 ng  
RT: 10.457 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

Tgt Ion:122 Resp: 190  
Ion Ratio Lower Upper  
122 100  
105 2410.3 94.1 134.1#  
77 558.1 50.1 90.1#

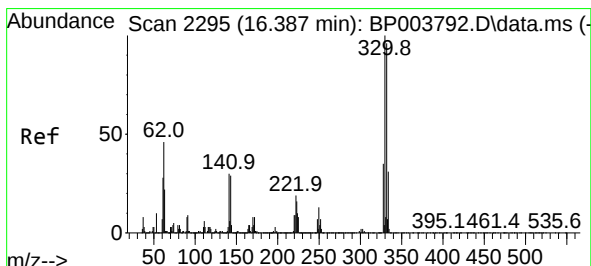
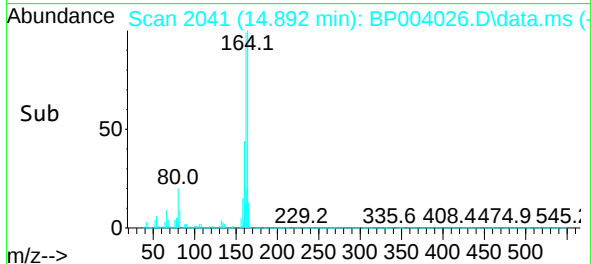
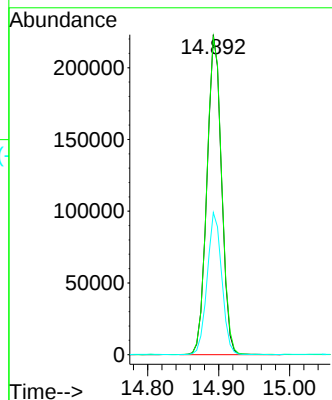
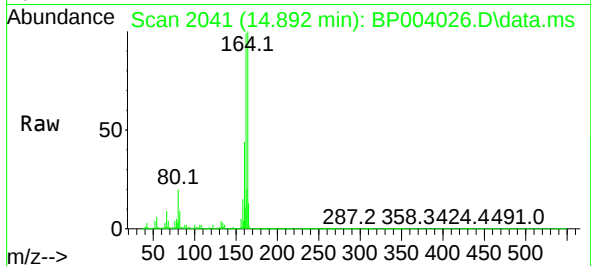




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.892 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

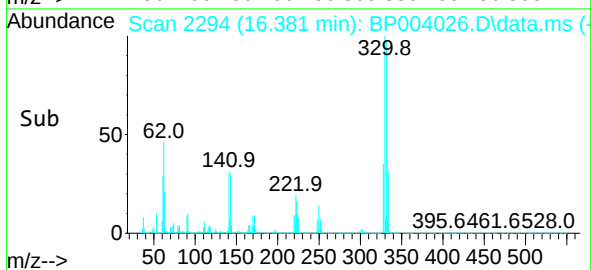
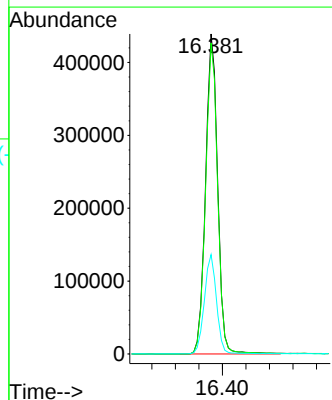
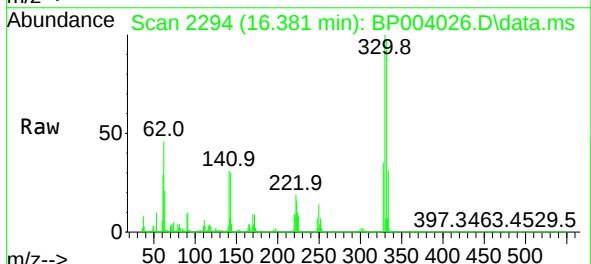
Instrument :  
BNA\_P  
ClientSampleId :  
MW-1A

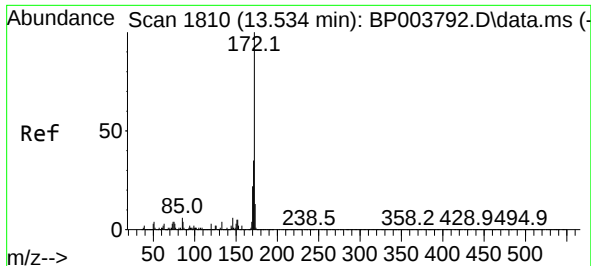
Tgt Ion:164 Resp: 317740  
Ion Ratio Lower Upper  
164 100  
162 99.3 79.4 119.2  
160 44.4 36.1 54.1



#42  
2,4,6-Tribromophenol  
Concen: 157.64 ng  
RT: 16.381 min Scan# 2294  
Delta R.T. 0.006 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

Tgt Ion:330 Resp: 626483  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.1 115.7  
141 31.2 23.4 35.2

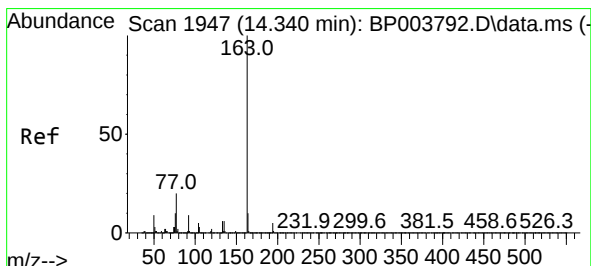
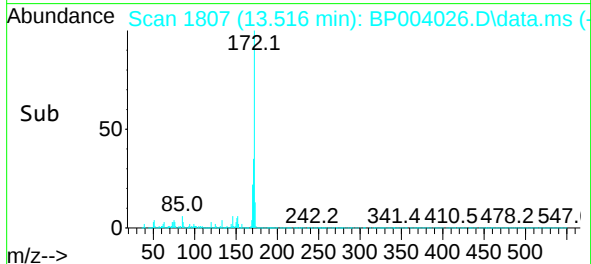
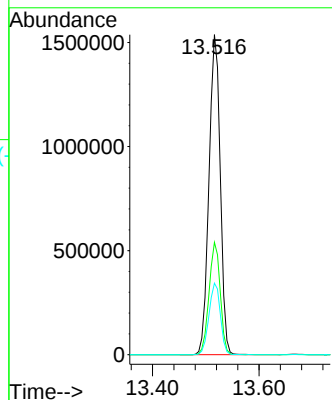
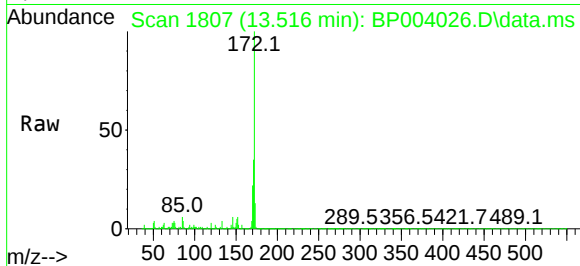




#45  
2-Fluorobiphenyl  
Concen: 99.19 ng  
RT: 13.516 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

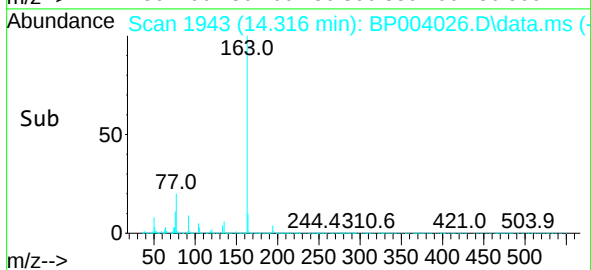
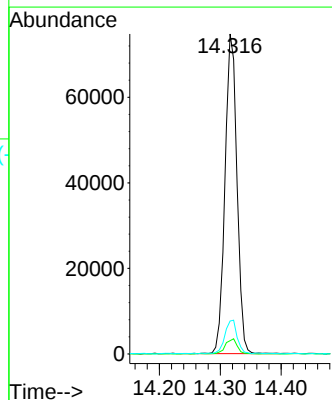
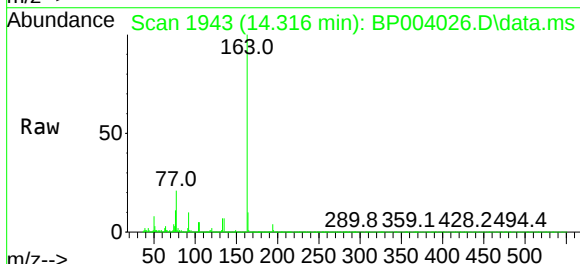
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BNA\_P  
ClientSampleId :  
MW-1A

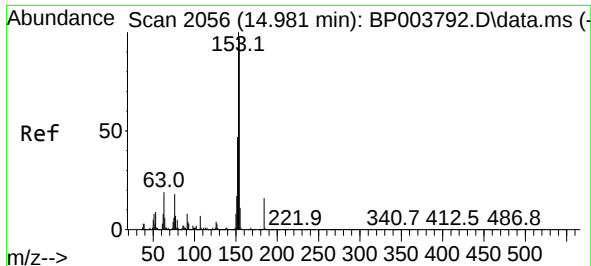
Tgt Ion:172 Resp: 2254419  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.5 42.7  
170 22.4 19.2 28.8



#50  
Dimethylphthalate  
Concen: 4.10 ng  
RT: 14.316 min Scan# 1943  
Delta R.T. -0.006 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

Tgt Ion:163 Resp: 101952  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.3 8.2 12.2

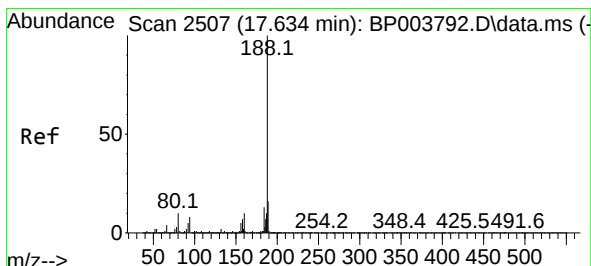
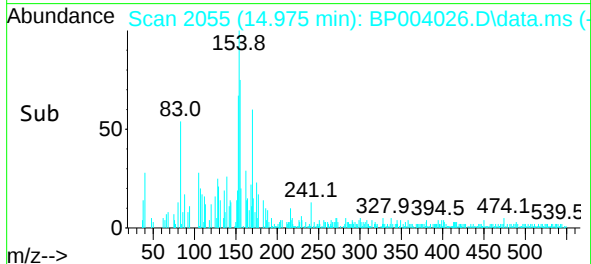
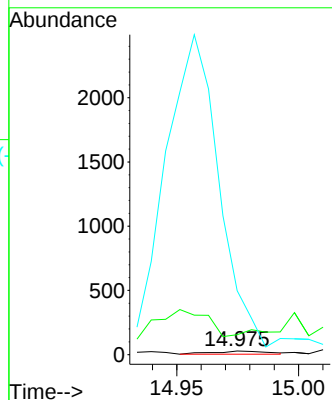
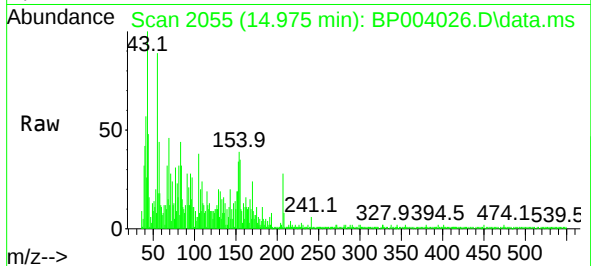




#54  
2,4-Dinitrophenol  
Concen: 2.75 ng  
RT: 14.975 min Scan# 2055  
Delta R.T. -0.012 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

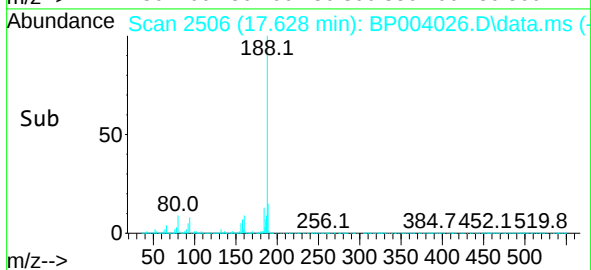
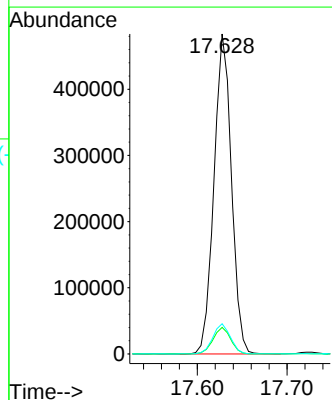
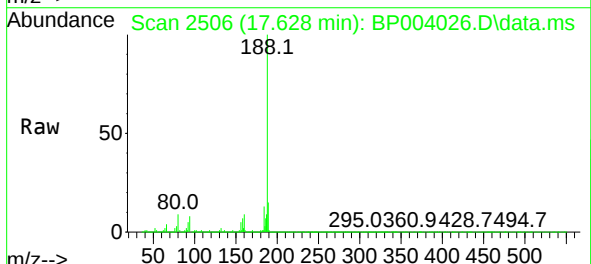
Instrument :  
BNA\_P  
ClientSampled :  
MW-1A

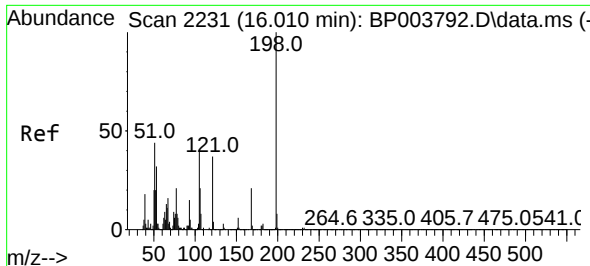
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Ion Ratio Lower Upper  
184 100  
63 557.1 32.3 48.5#  
154 1778.6 49.1 73.7#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.628 min Scan# 2506  
Delta R.T. 0.006 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

Tgt Ion:188 Resp: 652623  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.2 9.2  
80 9.5 6.2 9.2#

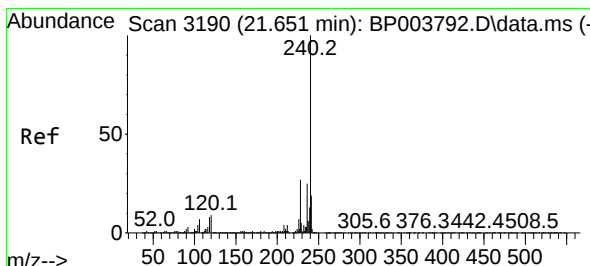
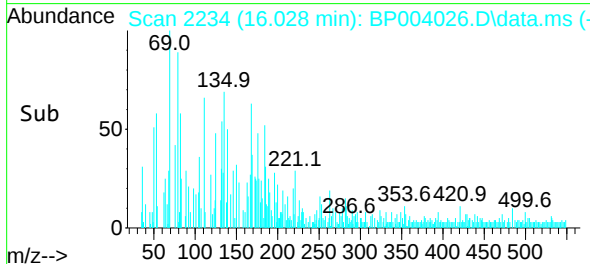
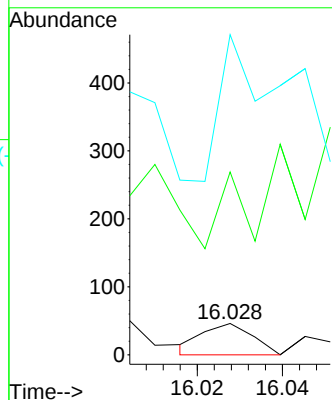
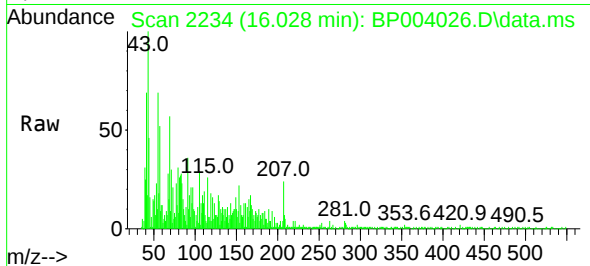




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.35 ng  
RT: 16.028 min Scan# 2234  
Delta R.T. 0.018 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

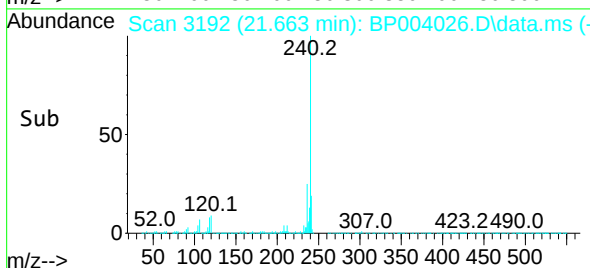
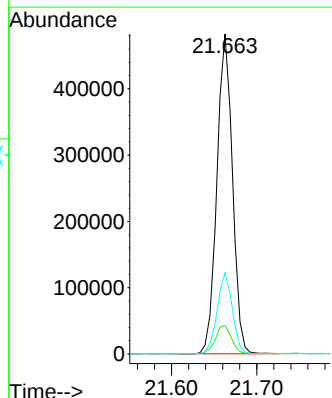
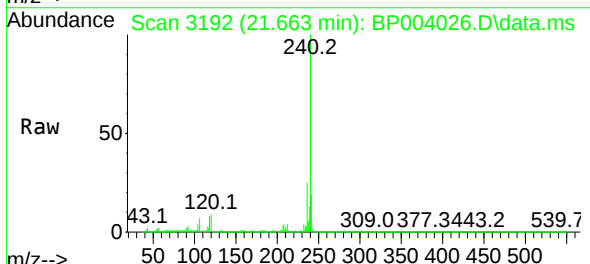
Instrument :  
BNA\_P  
ClientSampled :  
MW-1A

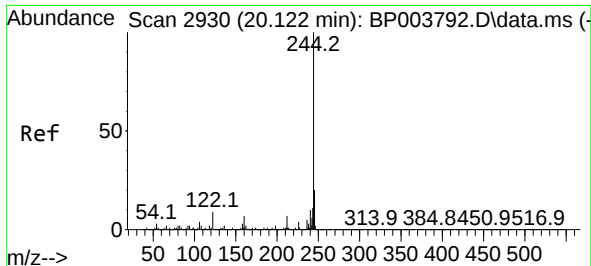
Tgt Ion:198 Resp: 37  
Ion Ratio Lower Upper  
198 100  
51 420.3 6.4 46.4#  
105 735.9 18.9 58.9#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.663 min Scan# 3192  
Delta R.T. 0.006 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

Tgt Ion:240 Resp: 611681  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.8 11.6  
236 25.4 20.8 31.2

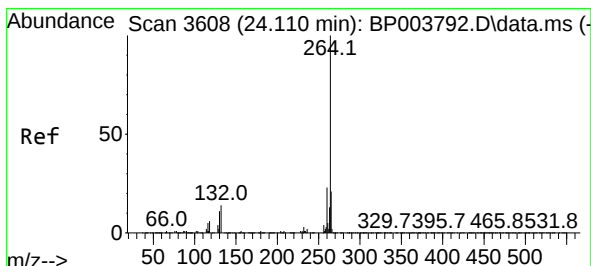
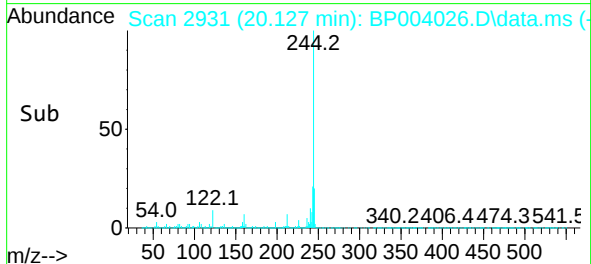
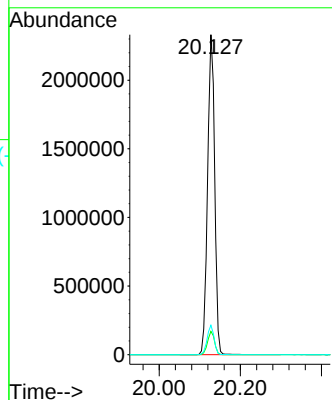
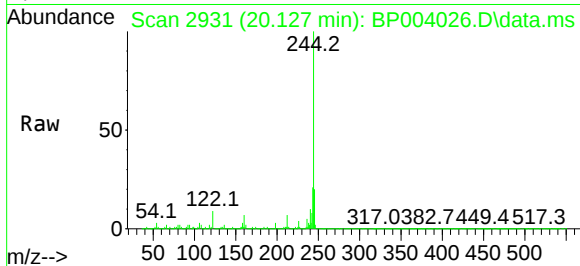




#79  
Terphenyl-d14  
Concen: 88.90 ng  
RT: 20.127 min Scan# 2931  
Delta R.T. 0.006 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

Instrument :  
BNA\_P  
ClientSampleId :  
MW-1A

Tgt Ion:244 Resp: 2814790  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.8 8.6  
122 9.2 7.8 11.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.139 min Scan# 3613  
Delta R.T. 0.012 min  
Lab File: BP004026.D  
Acq: 20 Nov 2020 16:18

Tgt Ion:264 Resp: 631059  
Ion Ratio Lower Upper  
264 100  
260 22.8 18.8 28.2  
265 22.2 17.4 26.2

