

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111820\  
 Data File : BP003999.D  
 Acq On : 18 Nov 2020 18:16  
 Operator : CG/JU  
 Sample : L4780-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CL-01-111720

Quant Time: Nov 19 01:33:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 12 15:22:47 2020  
 Response via : Initial Calibration

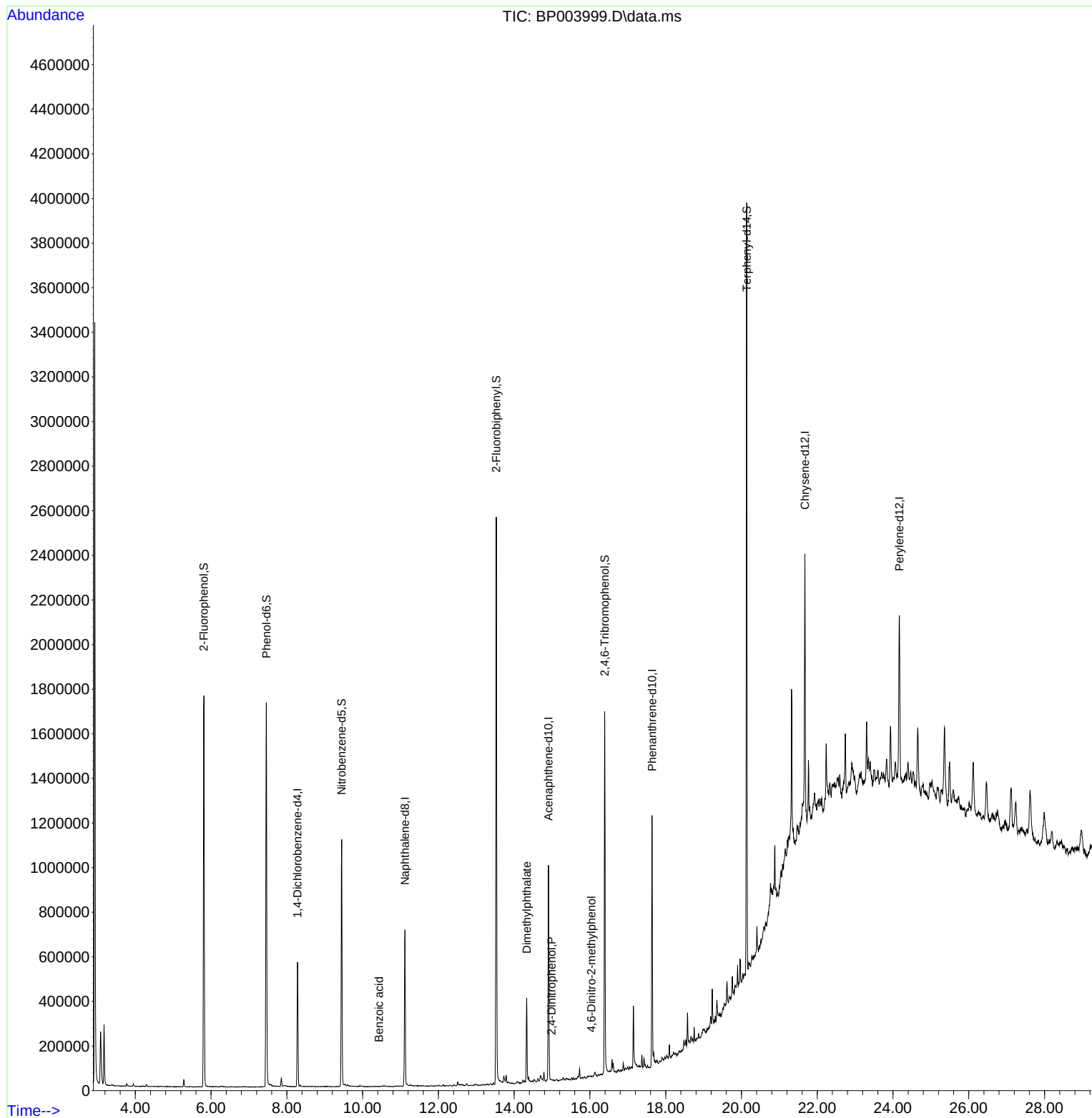
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.281  | 152  | 147180   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.116 | 136  | 558472   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.904 | 164  | 334182   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.639 | 188  | 660844   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.675 | 240  | 563557   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 24.169 | 264  | 598466   | 20.00     | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.811  | 112  | 739077   | 83.81     | ng    | 0.00     |
| 7) Phenol-d6                  | 7.458  | 99   | 970359   | 76.65     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.446  | 82   | 628441   | 55.11     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.392 | 330  | 318852   | 76.28     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.528 | 172  | 1321501  | 55.28     | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.139 | 244  | 1518675  | 52.06     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 9) Benzaldehyde               | 7.369  | 77   | 311      | Below Cal | #     | 44       |
| 32) Benzoic acid              | 10.434 | 122  | 44       | 8.31      | ng    | # 1      |
| 50) Dimethylphthalate         | 14.328 | 163  | 242376   | 9.28      | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.987 | 184  | 21       | 2.74      | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 16.040 | 198  | 97       | 6.37      | ng    | # 1      |

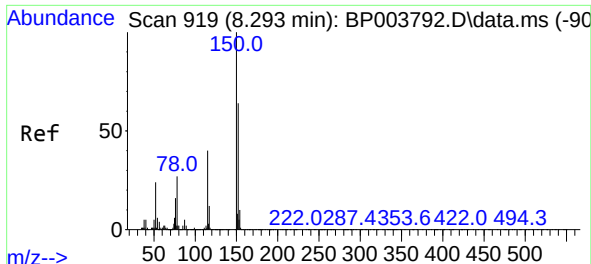
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111820\  
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CL-01-111720

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 12 15:22:47 2020  
Response via : Initial Calibration

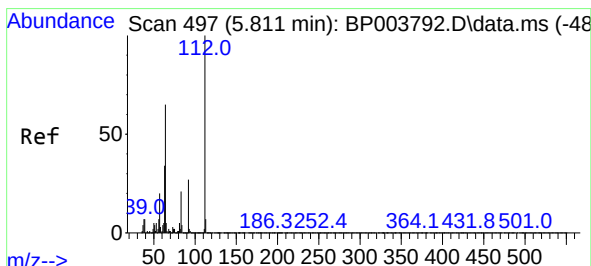
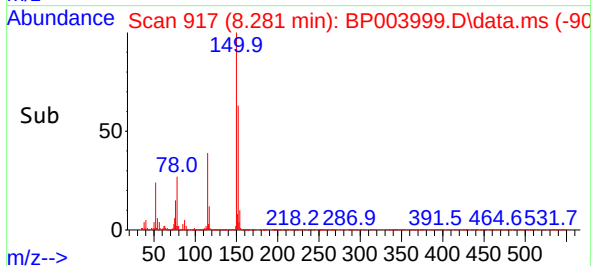
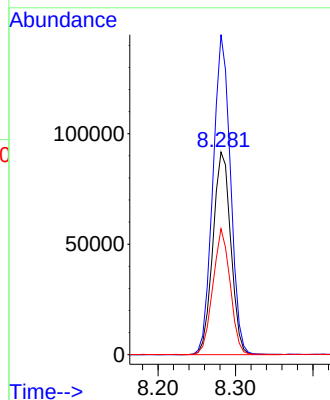
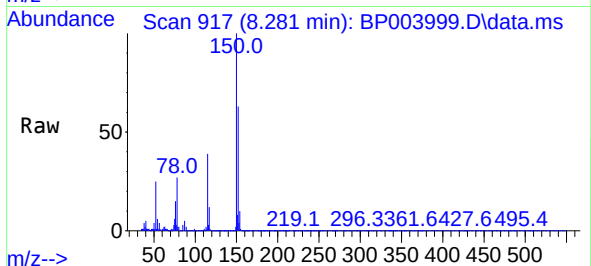




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.281 min Scan# 917  
Delta R.T. 0.000 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

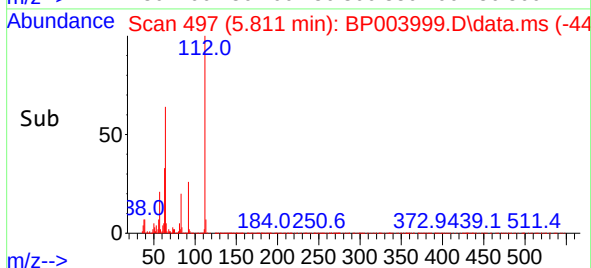
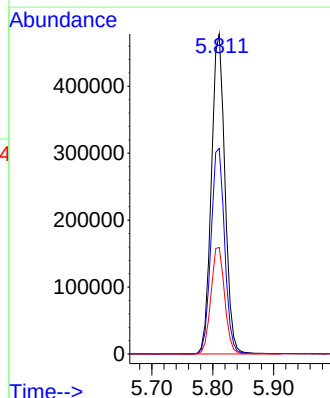
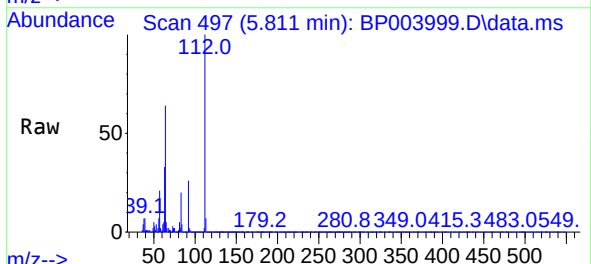
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ClientSampleId :  
CL-01-111720

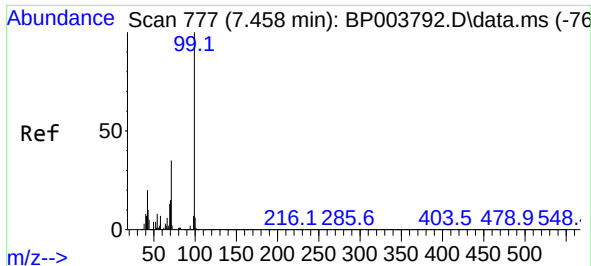
Tgt Ion:152 Resp: 147180  
Ion Ratio Lower Upper  
152 100  
150 157.9 123.8 185.6  
115 62.1 43.8 65.6



#5  
2-Fluorophenol  
Concen: 83.81 ng  
RT: 5.811 min Scan# 497  
Delta R.T. 0.006 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

Tgt Ion:112 Resp: 739077  
Ion Ratio Lower Upper  
112 100  
64 64.2 32.8 49.2#  
63 33.3 17.0 25.4#

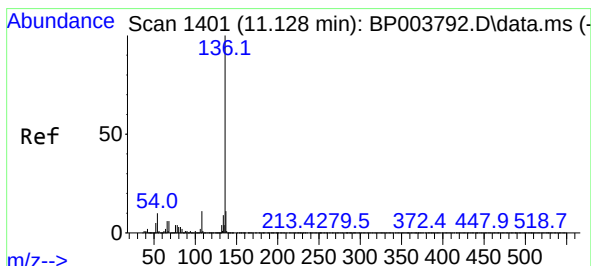
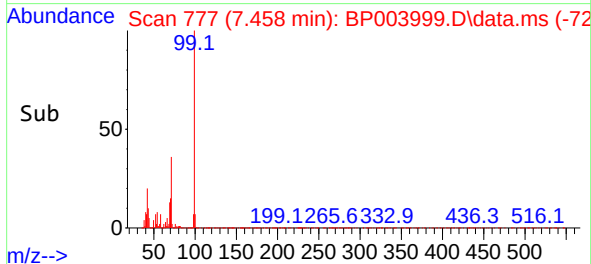
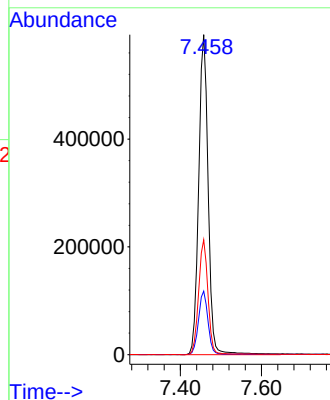
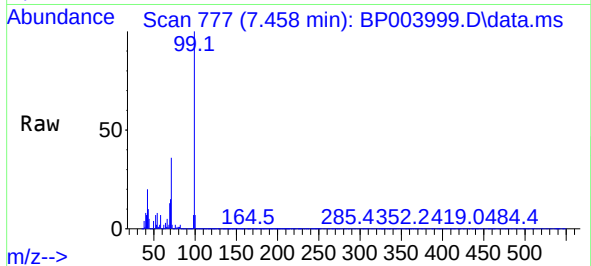




#7  
Phenol-d6  
Concen: 76.65 ng  
RT: 7.458 min Scan# 777  
Delta R.T. 0.006 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

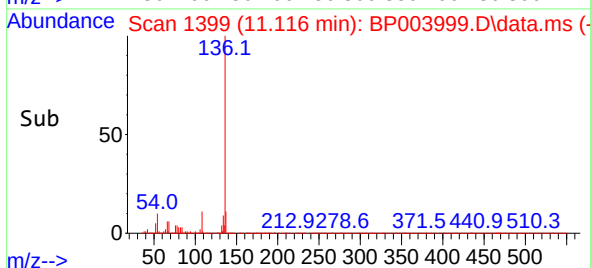
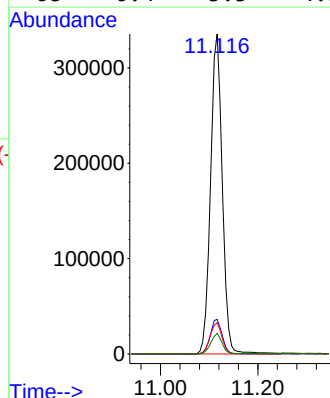
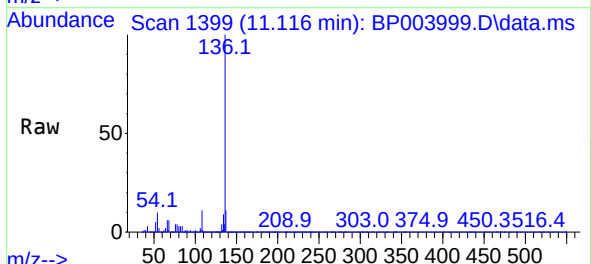
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ClientSampleId :  
CL-01-111720

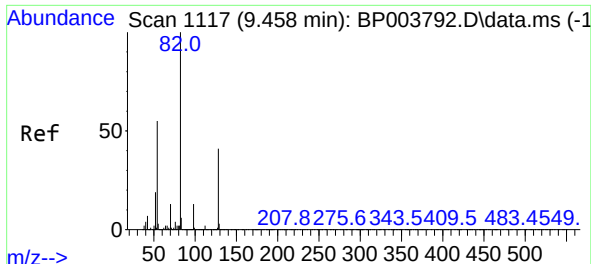
Tgt Ion: 99 Resp: 970359  
Ion Ratio Lower Upper  
99 100  
42 19.8 8.6 13.0#  
71 35.9 23.4 35.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.116 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

Tgt Ion: 136 Resp: 558472  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 9.8 3.6 5.4#  
68 6.4 3.3 4.9#

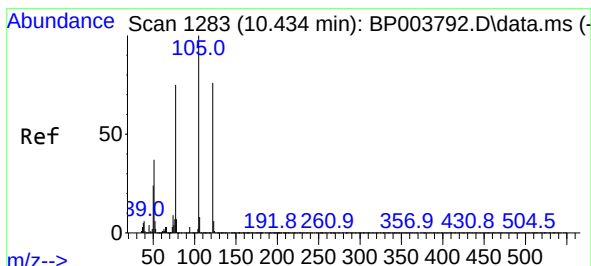
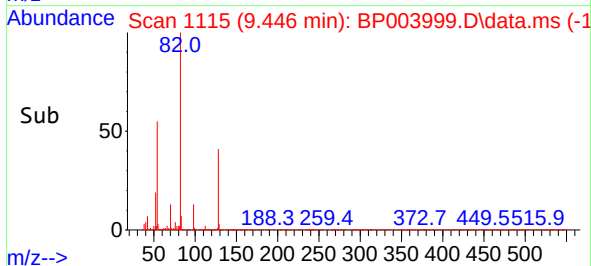
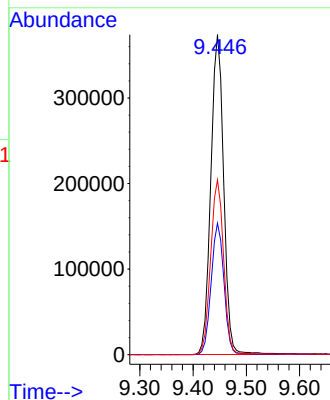
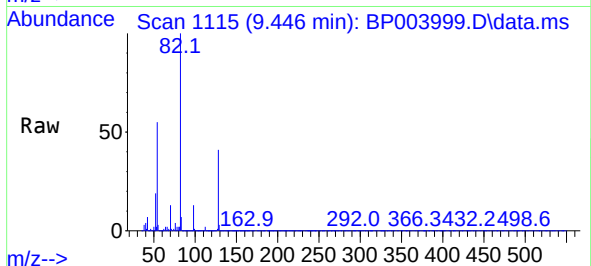




#23  
Nitrobenzene-d5  
Concen: 55.11 ng  
RT: 9.446 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

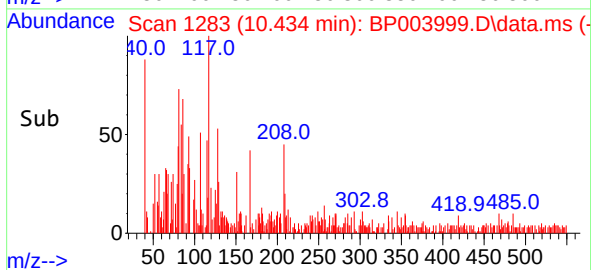
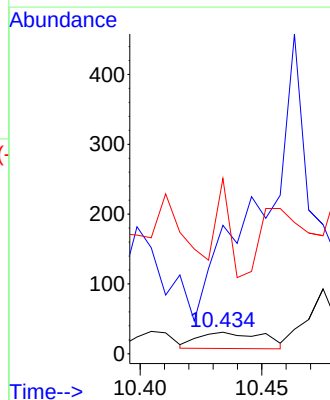
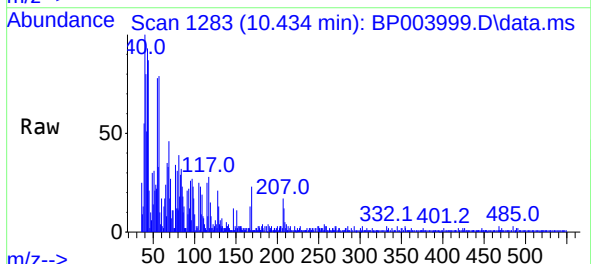
Instrument :  
BNA\_P  
ClientSampleId :  
CL-01-111720

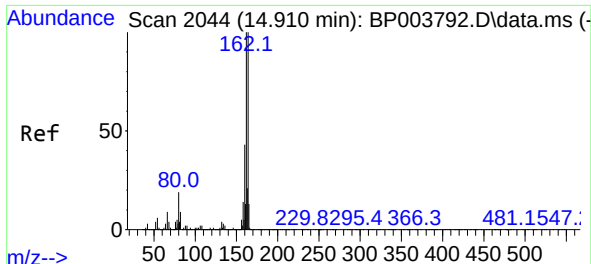
Tgt Ion: 82 Resp: 628441  
Ion Ratio Lower Upper  
82 100  
128 41.1 45.6 68.4#  
54 54.6 30.1 45.1#



#32  
Benzoic acid  
Concen: 8.31 ng  
RT: 10.434 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

Tgt Ion: 122 Resp: 44  
Ion Ratio Lower Upper  
122 100  
105 593.5 94.1 134.1#  
77 809.7 50.1 90.1#

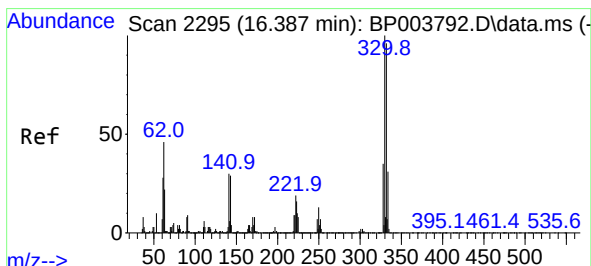
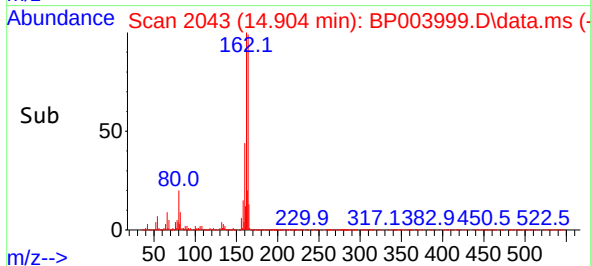
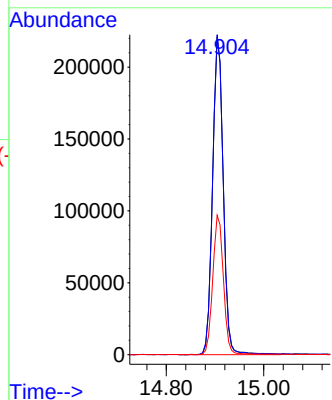
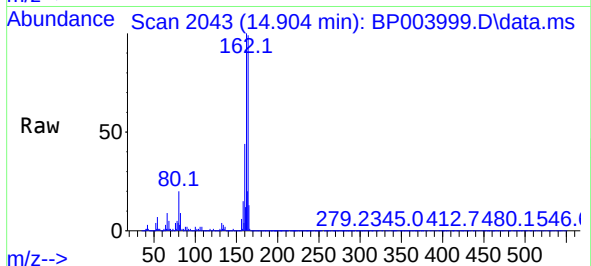




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.904 min Scan# 2043  
Delta R.T. -0.006 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

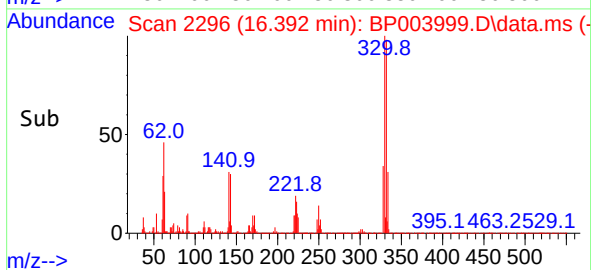
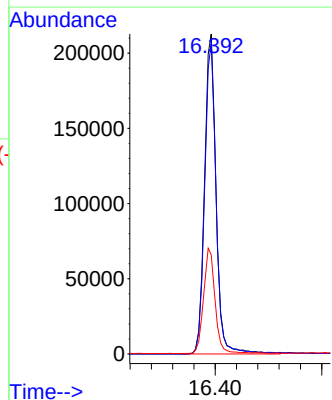
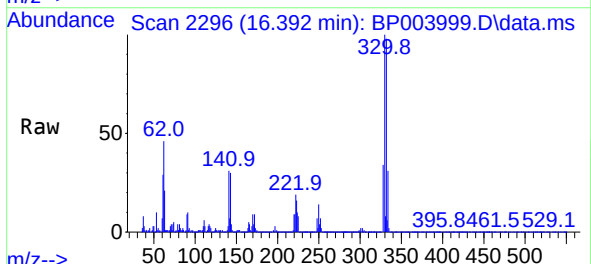
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ClientSampleId :  
CL-01-111720

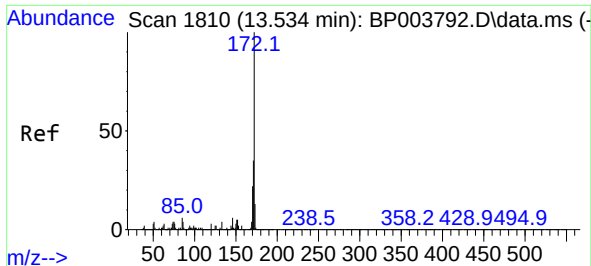
Tgt Ion:164 Resp: 334182  
Ion Ratio Lower Upper  
164 100  
162 100.7 79.4 119.2  
160 43.9 36.1 54.1



#42  
2,4,6-Tribromophenol  
Concen: 76.28 ng  
RT: 16.392 min Scan# 2296  
Delta R.T. 0.000 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

Tgt Ion:330 Resp: 318852  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.1 115.7  
141 32.9 23.4 35.2

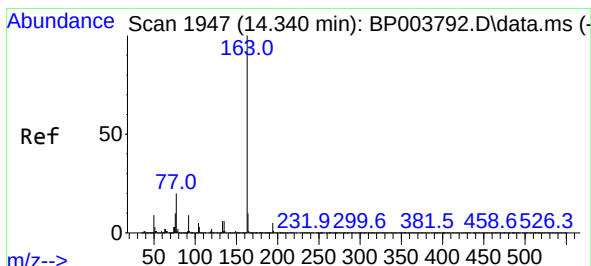
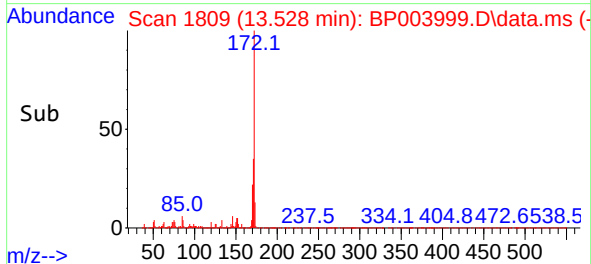
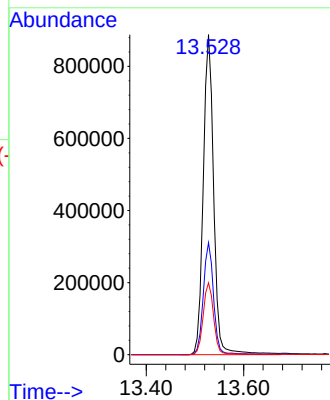
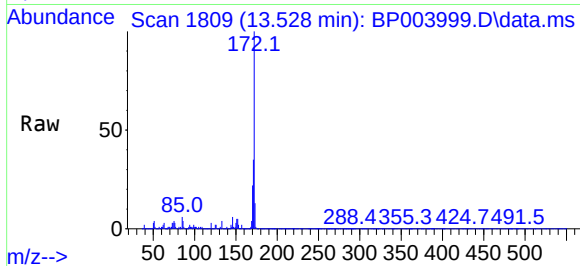




#45  
2-Fluorobiphenyl  
Concen: 55.28 ng  
RT: 13.528 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

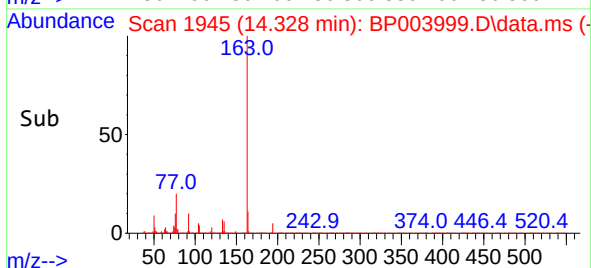
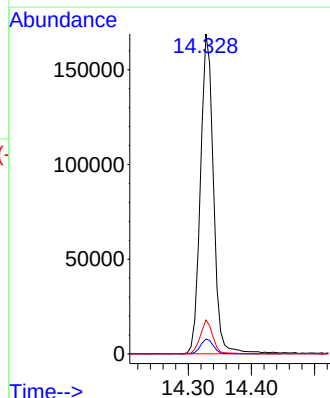
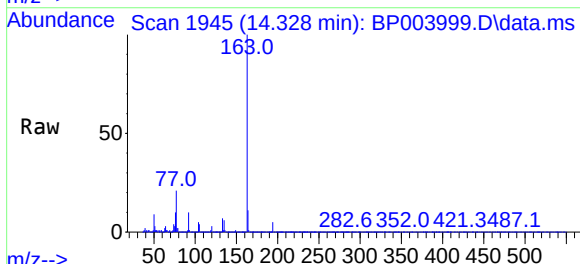
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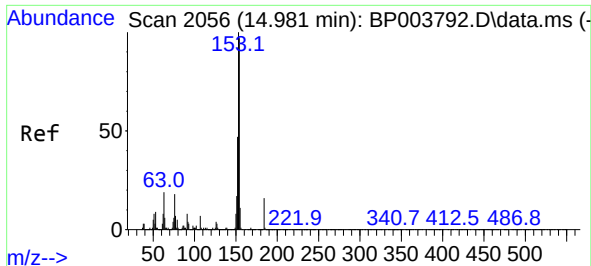
Tgt Ion:172 Resp: 1321501  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.5 42.7  
170 22.4 19.2 28.8



#50  
Dimethylphthalate  
Concen: 9.28 ng  
RT: 14.328 min Scan# 1945  
Delta R.T. -0.006 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

Tgt Ion:163 Resp: 242376  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.3 4.9  
164 10.6 8.2 12.2

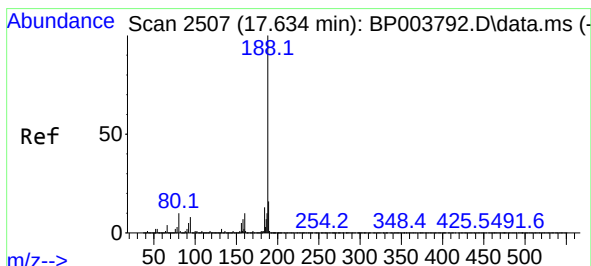
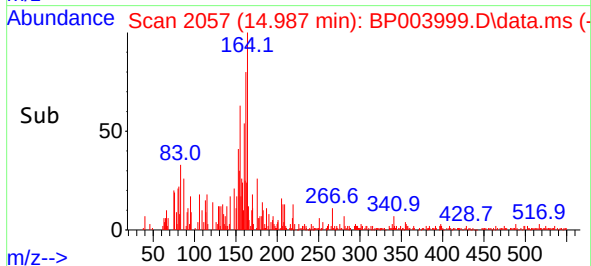
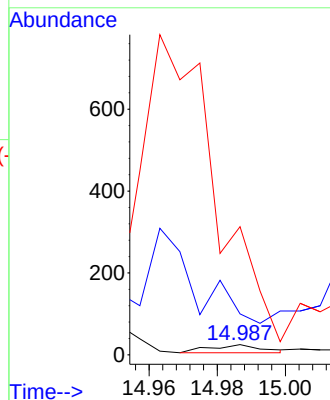
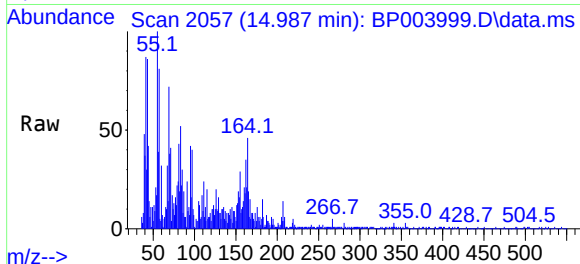




#54  
2,4-Dinitrophenol  
Concen: 2.74 ng  
RT: 14.987 min Scan# 2057  
Delta R.T. -0.012 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

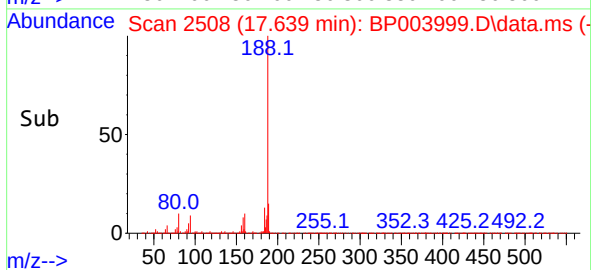
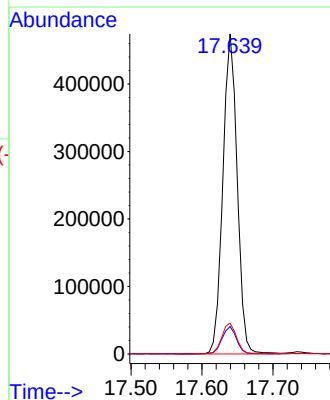
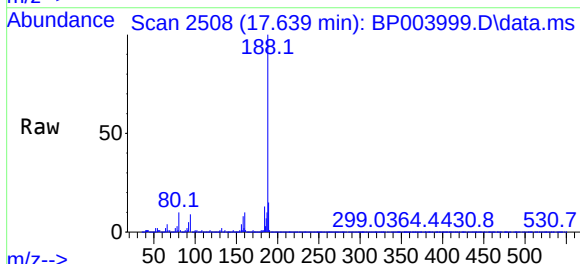
Instrument :  
BNA\_P  
ClientSampleId :  
CL-01-111720

Tgt Ion:184 Resp: 21  
Ion Ratio Lower Upper  
184 100  
63 400.0 32.3 48.5#  
154 1252.0 49.1 73.7#

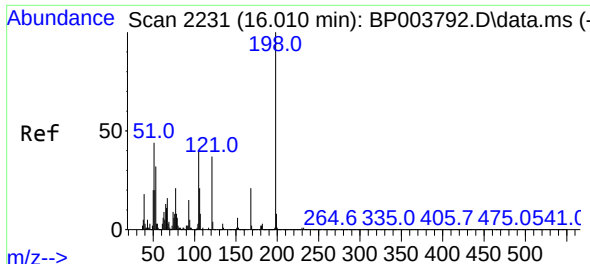


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.639 min Scan# 2508  
Delta R.T. 0.000 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

Tgt Ion:188 Resp: 660844  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.2 9.2  
80 9.6 6.2 9.2#



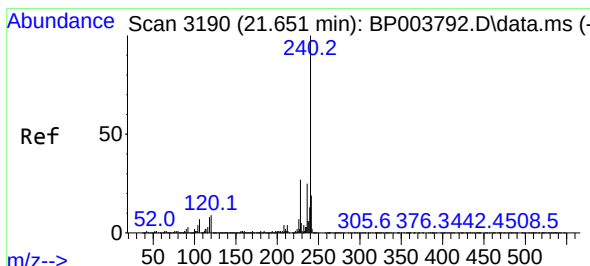
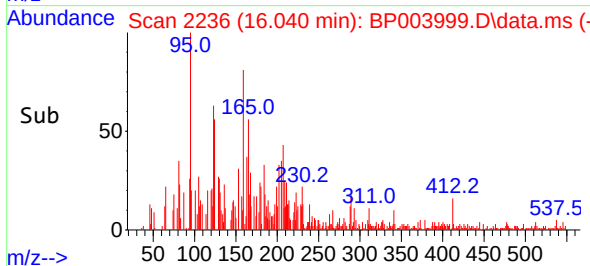
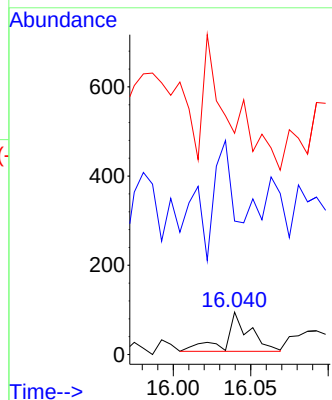
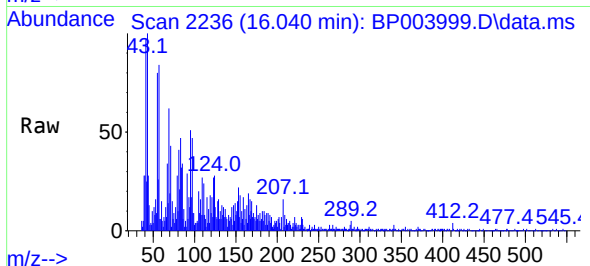




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.37 ng  
RT: 16.040 min Scan# 2236  
Delta R.T. 0.018 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

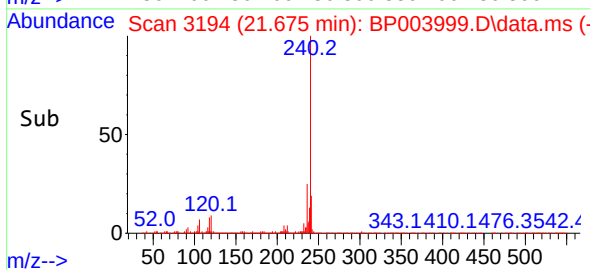
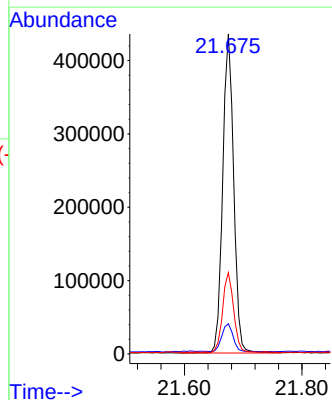
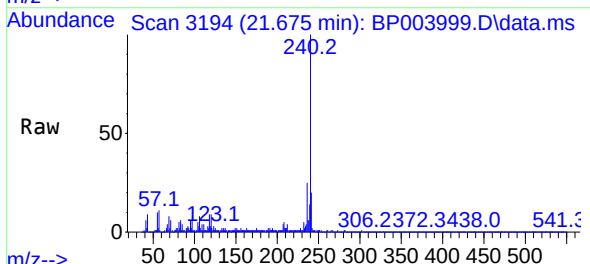
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BNA\_P  
ClientSampleId :  
CL-01-111720

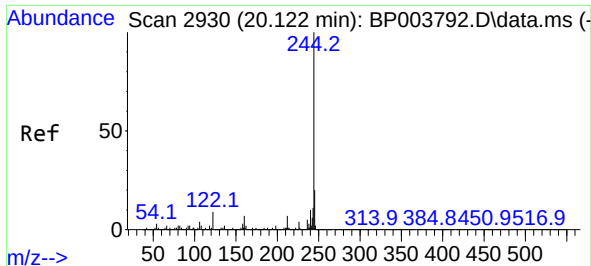
Tgt Ion:198 Resp: 97  
Ion Ratio Lower Upper  
198 100  
51 314.7 6.4 46.4#  
105 522.1 18.9 58.9#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.675 min Scan# 3194  
Delta R.T. 0.000 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

Tgt Ion:240 Resp: 563557  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.8 11.6  
236 25.4 20.8 31.2

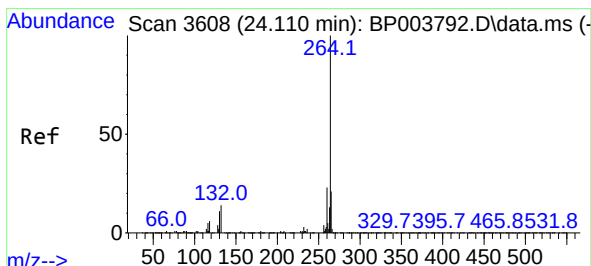
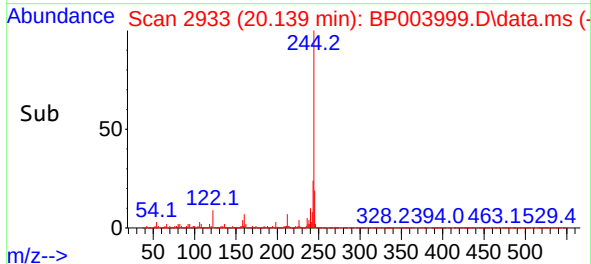
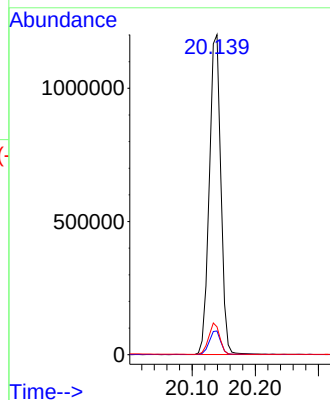
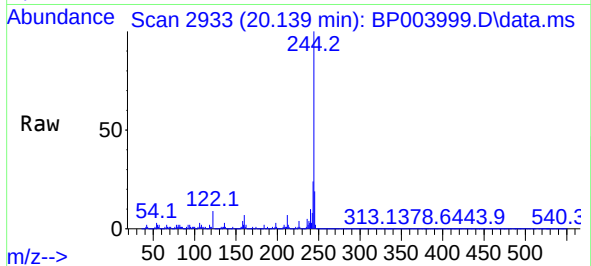




#79  
Terphenyl-d14  
Concen: 52.06 ng  
RT: 20.139 min Scan# 2933  
Delta R.T. 0.006 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

Instrument :  
BNA\_P  
ClientSampleId :  
CL-01-111720

Tgt Ion:244 Resp: 1518675  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.8 8.6  
122 8.7 7.8 11.8



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.169 min Scan# 3618  
Delta R.T. 0.012 min  
Lab File: BP003999.D  
Acq: 18 Nov 2020 18:16

Tgt Ion:264 Resp: 598466  
Ion Ratio Lower Upper  
264 100  
260 22.9 18.8 28.2  
265 22.6 17.4 26.2

