

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100520\  
 Data File : BP003496.D  
 Acq On : 05 Oct 2020 18:29  
 Operator : CG/JU  
 Sample : L4221-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OK-02-100120

Quant Time: Oct 06 04:18:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 05 14:33:14 2020  
 Response via : Initial Calibration

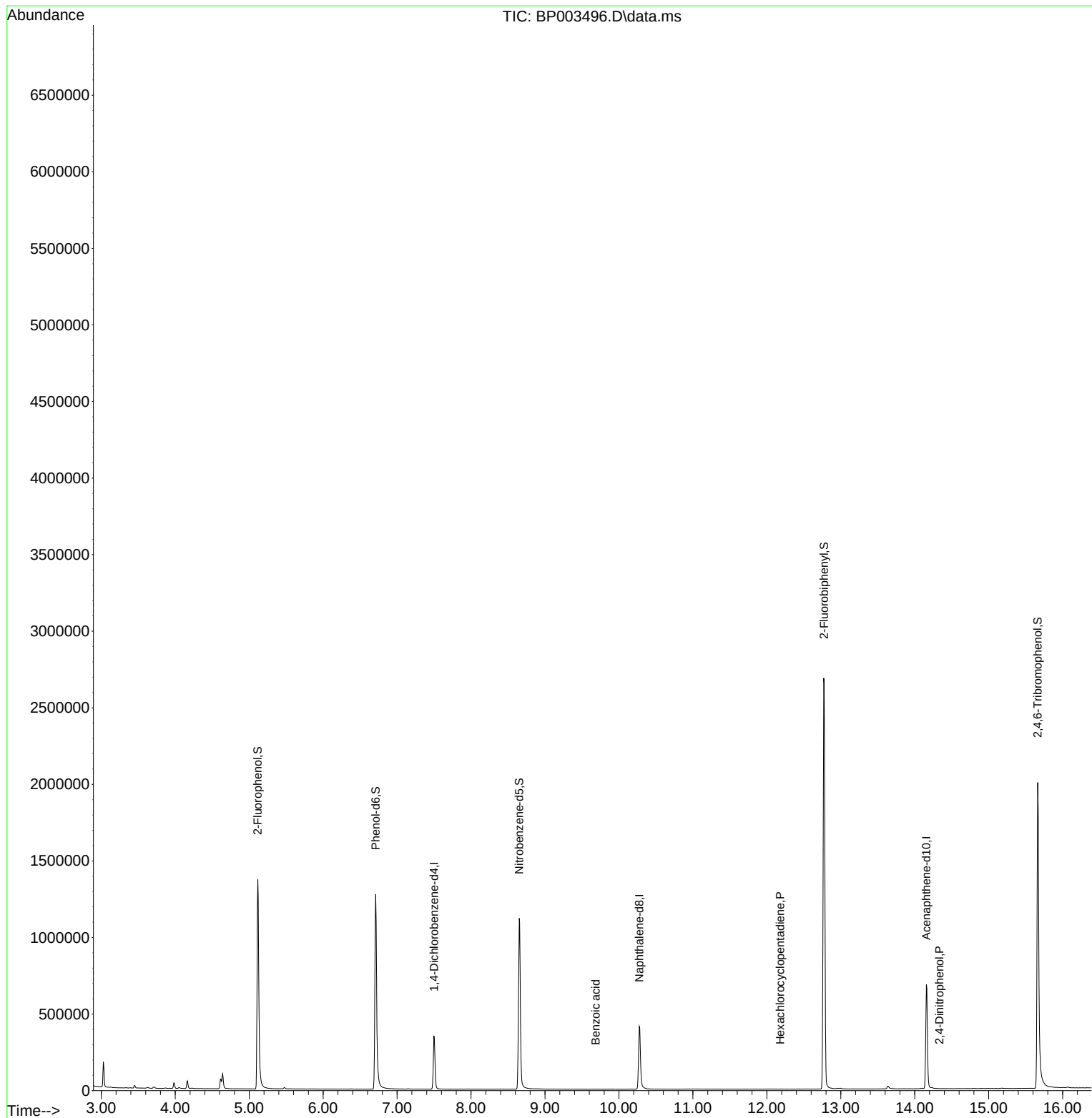
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.499  | 152  | 95925    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.275 | 136  | 383951   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.157 | 164  | 238714   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.916 | 188  | 533890   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.027 | 240  | 610821   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.198 | 264  | 561405   | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.116  | 112  | 710532   | 129.34 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.710  | 99   | 875939   | 119.62 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.652  | 82   | 733635   | 112.25 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.663 | 330  | 466878   | 128.23 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.775 | 172  | 1506035  | 92.27  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.504 | 244  | 2549775  | 86.98  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 32) Benzoic acid              | 9.687  | 122  | 55       | 9.17   | ng    | # 1      |
| 41) Hexachlorocyclopentadiene | 12.181 | 237  | 28       | 6.85   | ng    | 85       |
| 54) 2,4-Dinitrophenol         | 14.334 | 184  | 30       | 7.27   | ng    | # 67     |
| 70) Pentachlorophenol         | 16.639 | 266  | 23       | 6.78   | ng    | 91       |
| -----                         |        |      |          |        |       |          |

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

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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
OK-02-100120

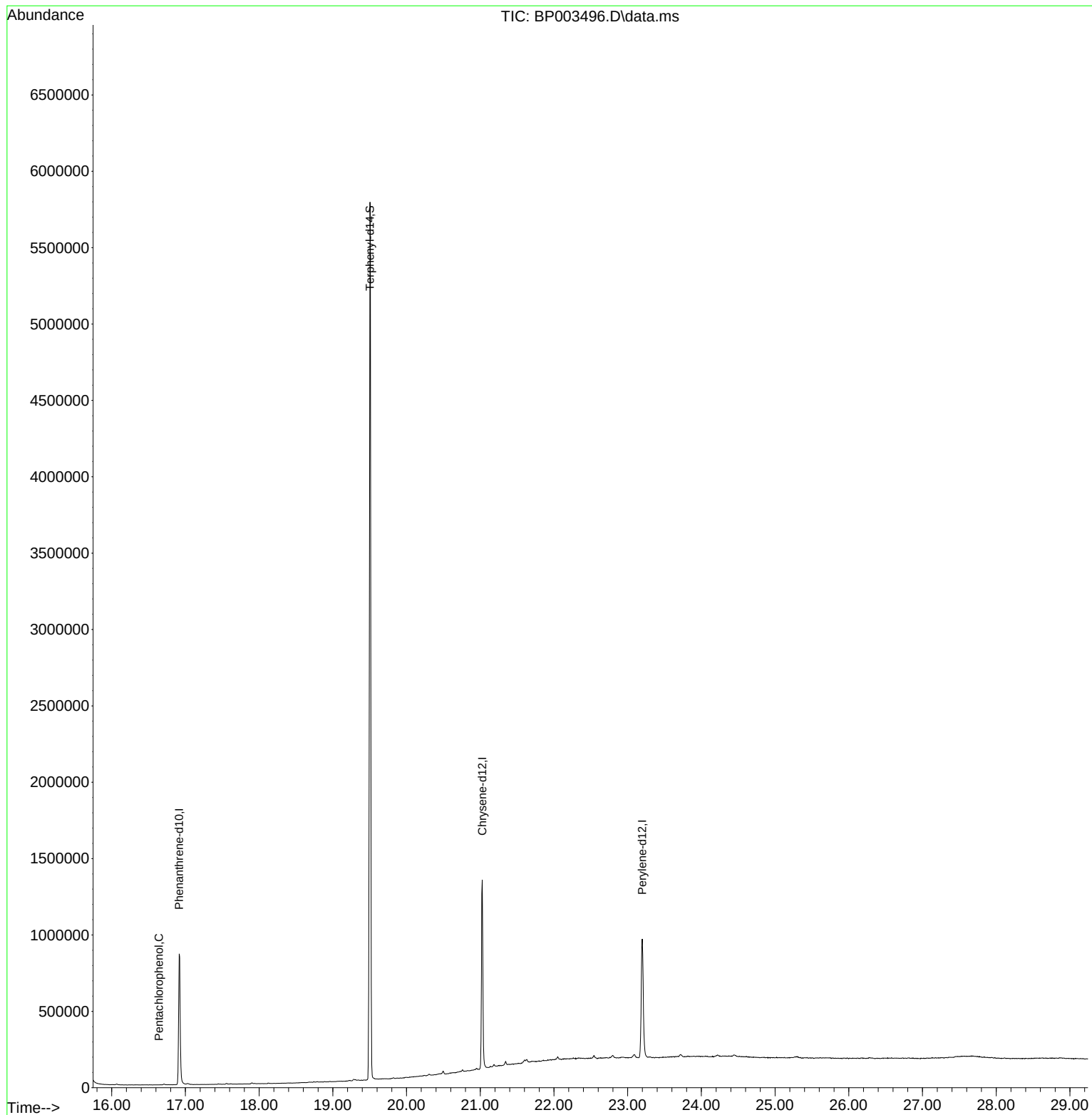
Quant Time: Oct 06 04:18:48 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 05 14:33:14 2020  
Response via : Initial Calibration

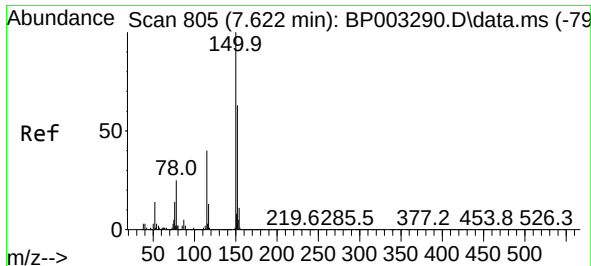


Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100520\  
Data File : BP003496.D  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 05 14:33:14 2020  
Response via : Initial Calibration

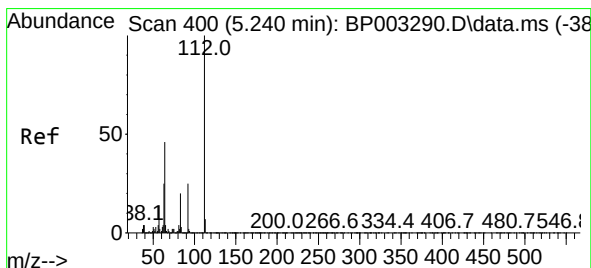
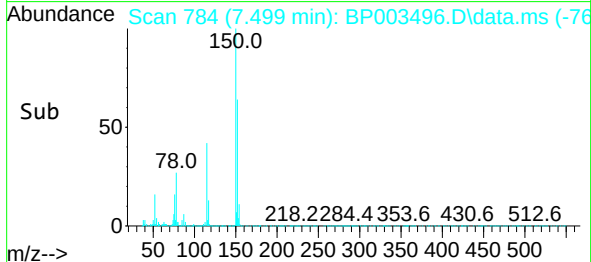
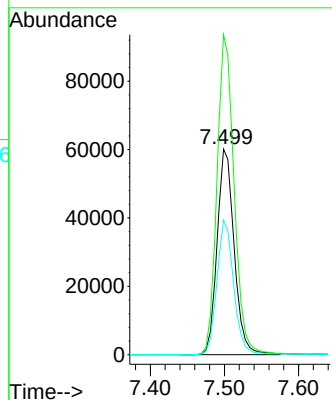
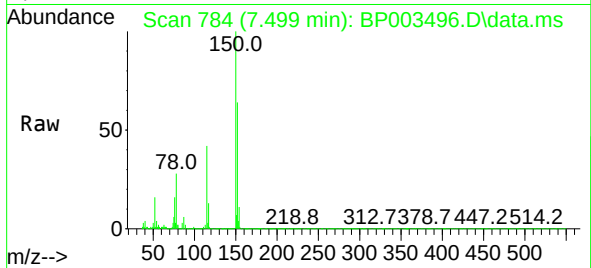




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.499 min Scan# 784  
Delta R.T. 0.001 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

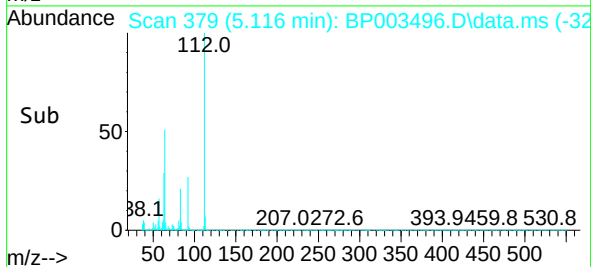
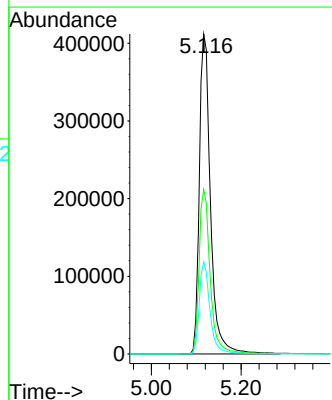
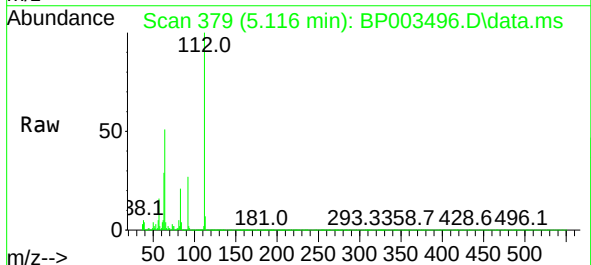
Instrument :  
BNA\_P  
ClientSampleId :  
OK-02-100120

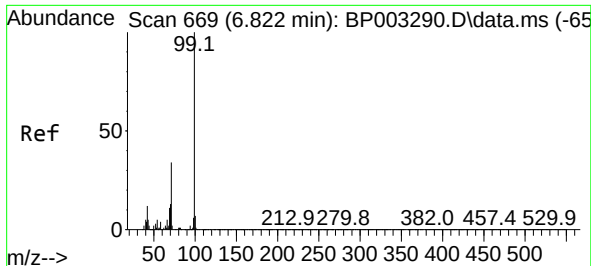
Tgt Ion:152 Resp: 95925  
Ion Ratio Lower Upper  
152 100  
150 155.7 123.8 185.6  
115 65.5 43.8 65.6



#5  
2-Fluorophenol  
Concen: 129.34 ng  
RT: 5.116 min Scan# 379  
Delta R.T. 0.006 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

Tgt Ion:112 Resp: 710532  
Ion Ratio Lower Upper  
112 100  
64 51.4 32.8 49.2#  
63 28.8 17.0 25.4#

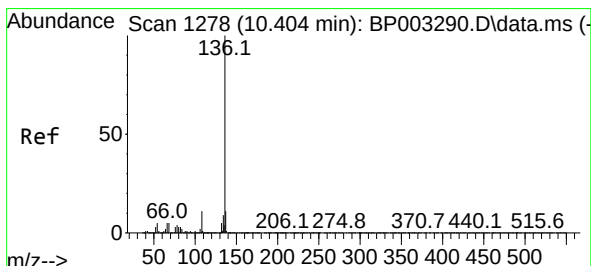
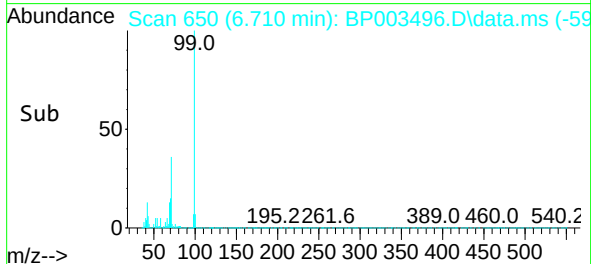
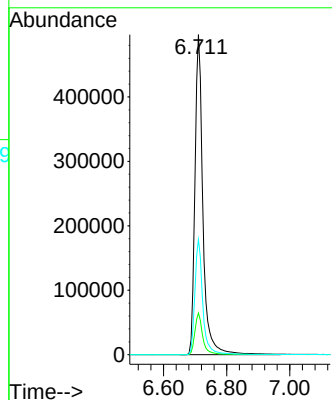
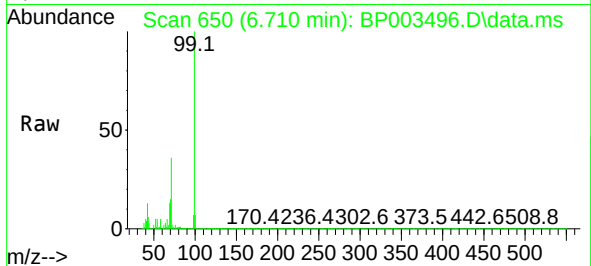




#7  
Phenol-d6  
Concen: 119.62 ng  
RT: 6.710 min Scan# 650  
Delta R.T. 0.006 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

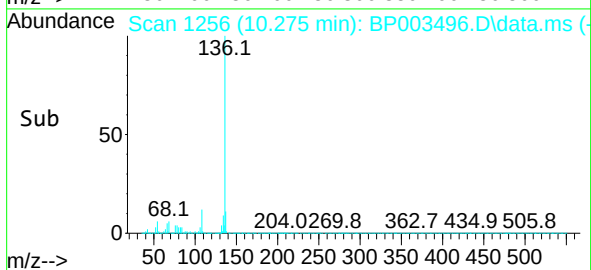
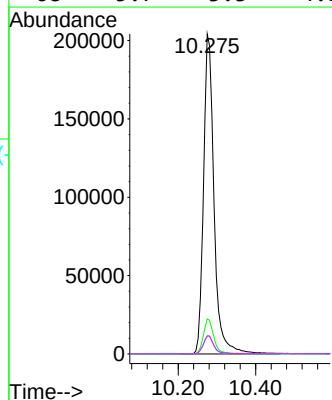
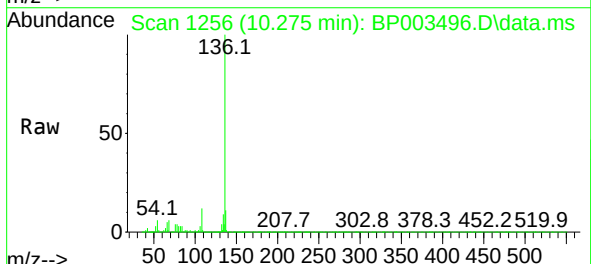
Instrument :  
BNA\_P  
ClientSampleId :  
OK-02-100120

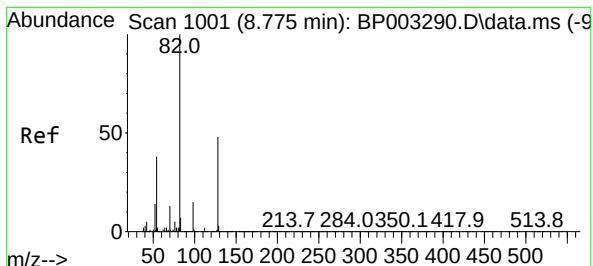
Tgt Ion: 99 Resp: 875939  
Ion Ratio Lower Upper  
99 100  
42 13.0 8.6 13.0#  
71 36.0 23.4 35.2#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.275 min Scan# 1256  
Delta R.T. 0.000 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

Tgt Ion: 136 Resp: 383951  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 5.5 3.6 5.4#  
68 5.7 3.3 4.9#

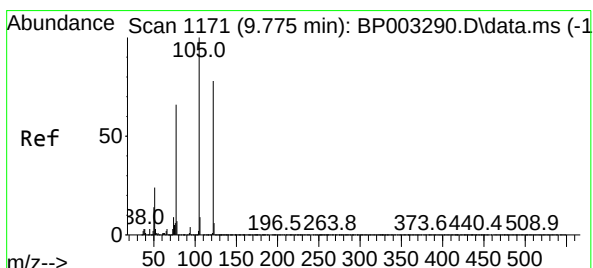
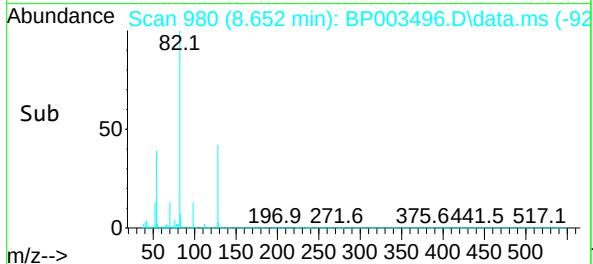
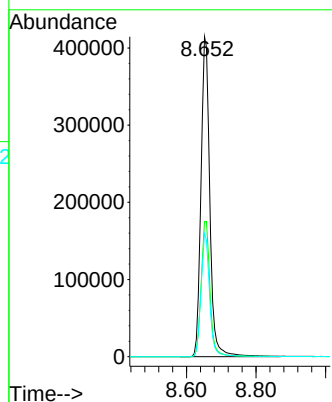
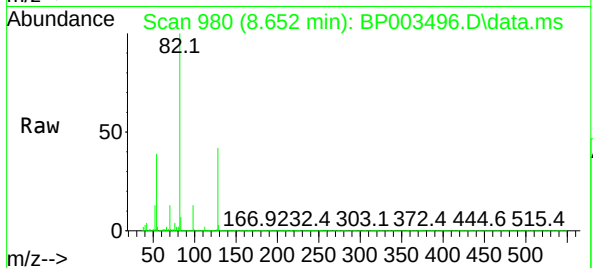




#23  
Nitrobenzene-d5  
Concen: 112.25 ng  
RT: 8.652 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

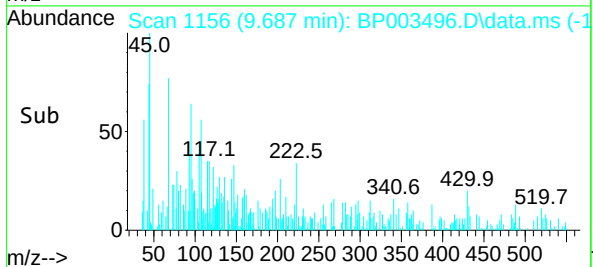
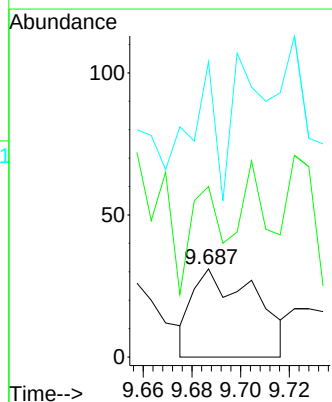
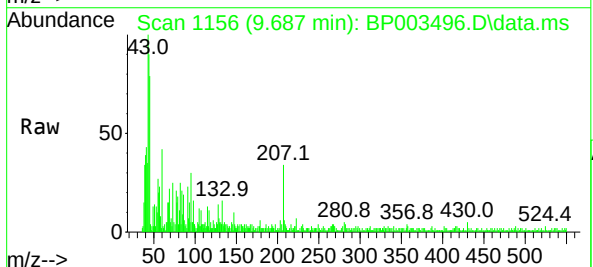
Instrument :  
BNA\_P  
ClientSampleId :  
OK-02-100120

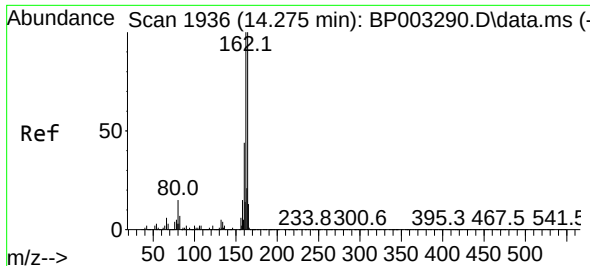
Tgt Ion: 82 Resp: 733635  
Ion Ratio Lower Upper  
82 100  
128 42.2 45.6 68.4#  
54 38.6 30.1 45.1



#32  
Benzoic acid  
Concen: 9.17 ng  
RT: 9.687 min Scan# 1156  
Delta R.T. -0.006 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

Tgt Ion: 122 Resp: 55  
Ion Ratio Lower Upper  
122 100  
105 245.2 94.1 134.1#  
77 335.5 50.1 90.1#

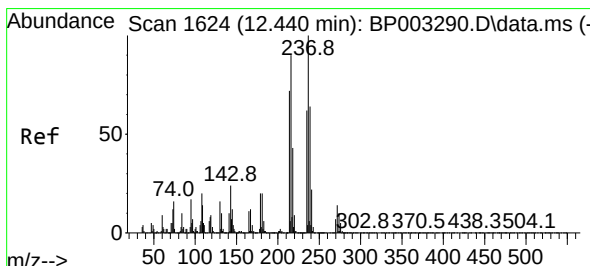
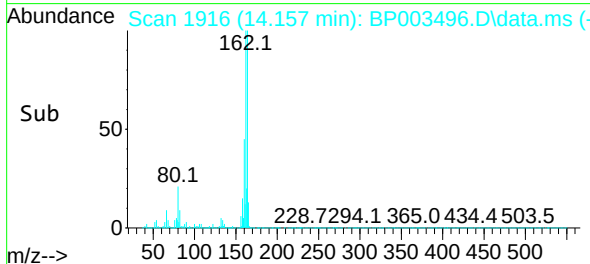
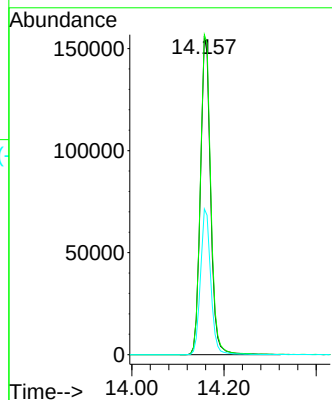
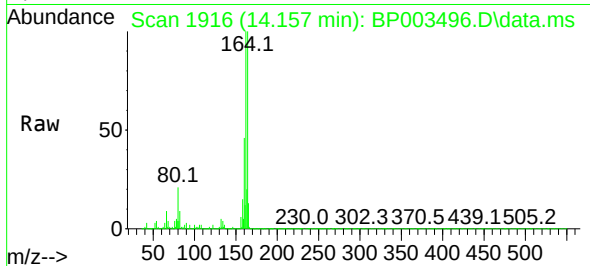




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.157 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

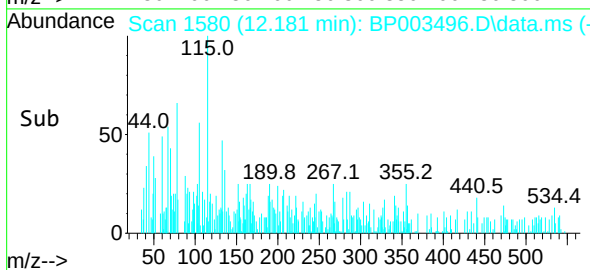
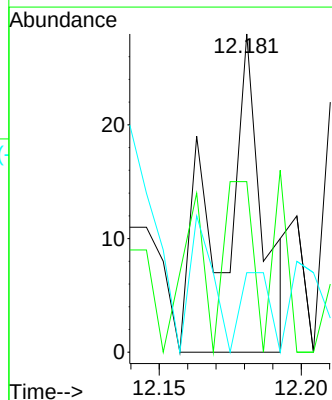
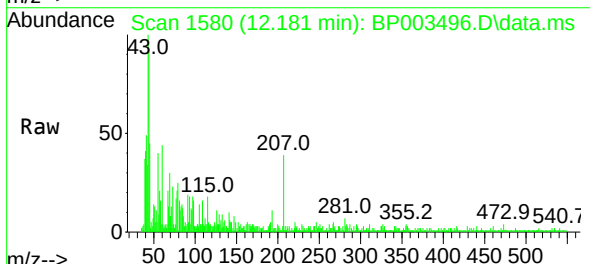
Instrument :  
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OK-02-100120

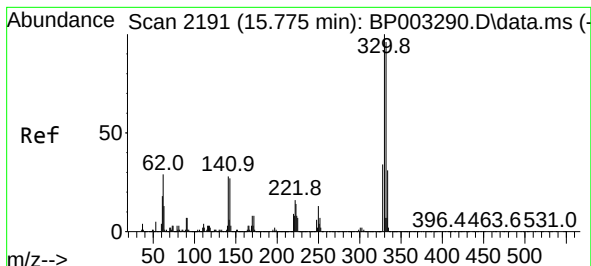
Tgt Ion:164 Resp: 238714  
Ion Ratio Lower Upper  
164 100  
162 100.4 79.4 119.2  
160 45.7 36.1 54.1



#41  
Hexachlorocyclopentadiene  
Concen: 6.85 ng  
RT: 12.181 min Scan# 1580  
Delta R.T. -0.135 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

Tgt Ion:237 Resp: 28  
Ion Ratio Lower Upper  
237 100  
235 53.6 43.2 83.2  
272 25.0 0.0 33.3

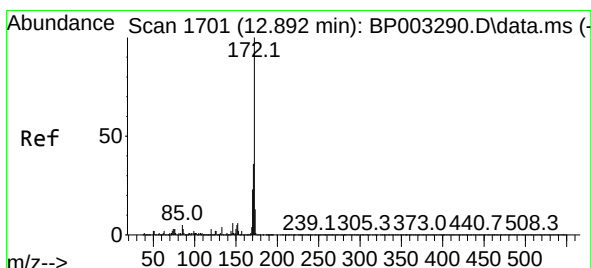
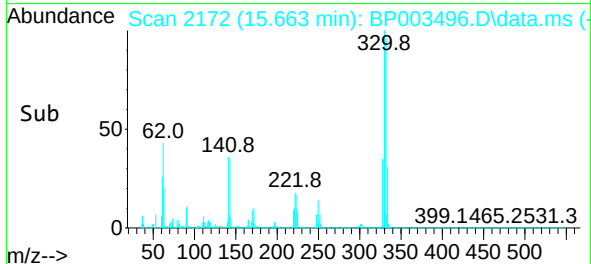
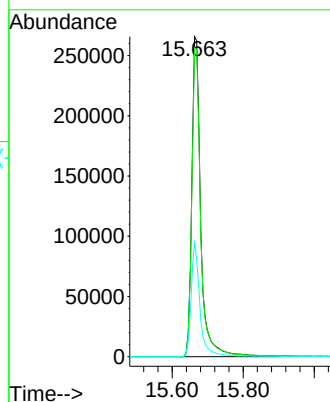
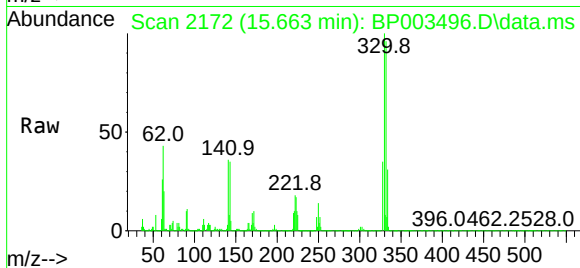




#42  
2,4,6-Tribromophenol  
Concen: 128.23 ng  
RT: 15.663 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

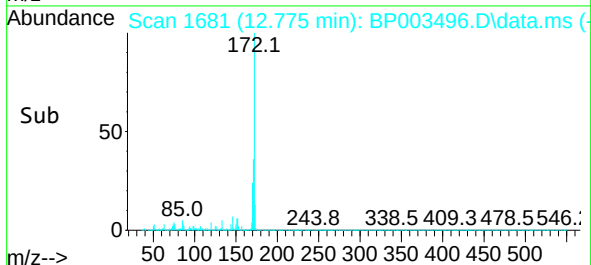
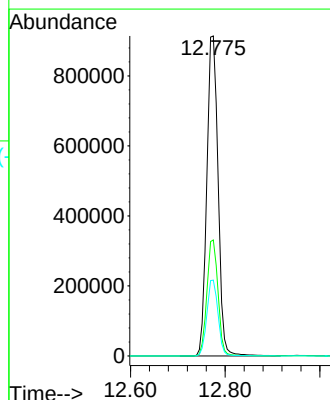
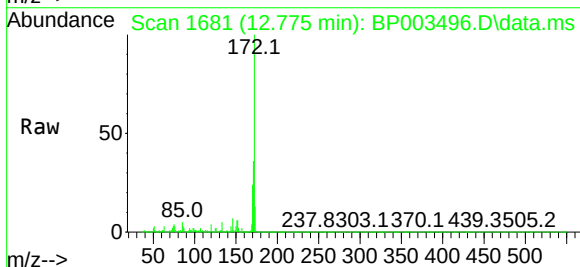
Instrument :  
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Tgt Ion:330 Resp: 466878  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.1 115.7  
141 35.0 23.4 35.2

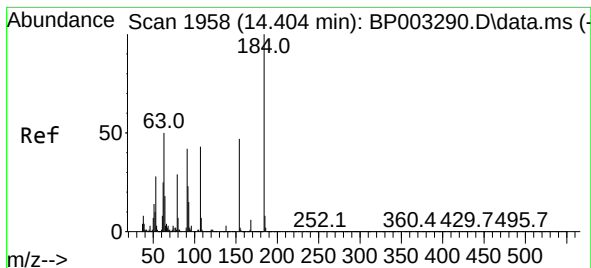


#45  
2-Fluorobiphenyl  
Concen: 92.27 ng  
RT: 12.775 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

Tgt Ion:172 Resp: 1506035  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.5 42.7  
170 23.7 19.2 28.8



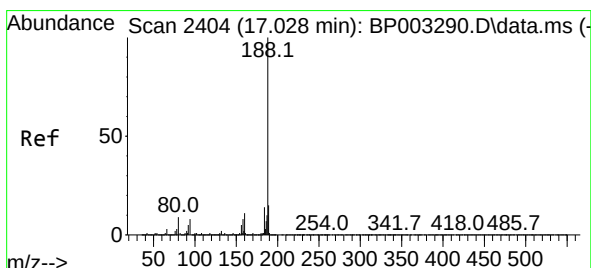
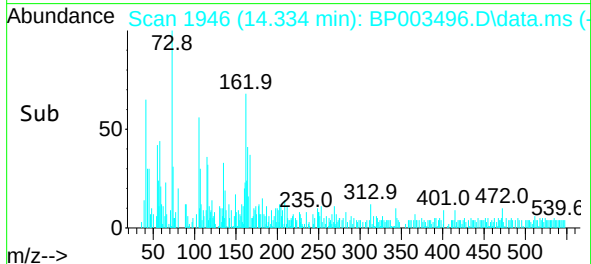
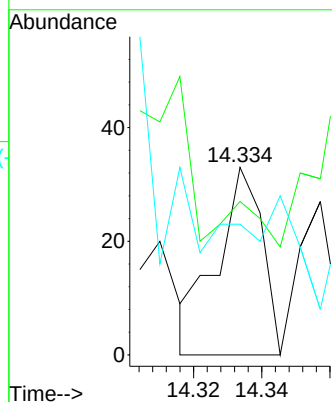
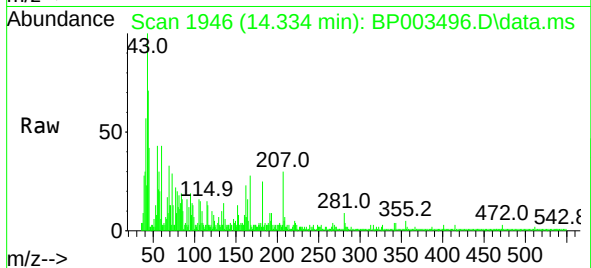




#54  
2,4-Dinitrophenol  
Concen: 7.27 ng  
RT: 14.334 min Scan# 1946  
Delta R.T. 0.006 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

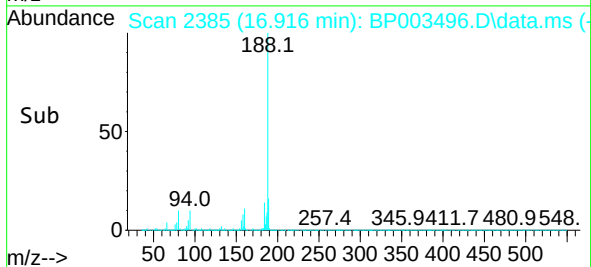
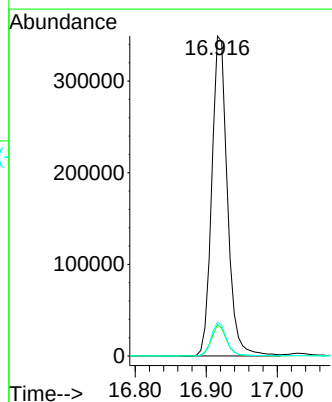
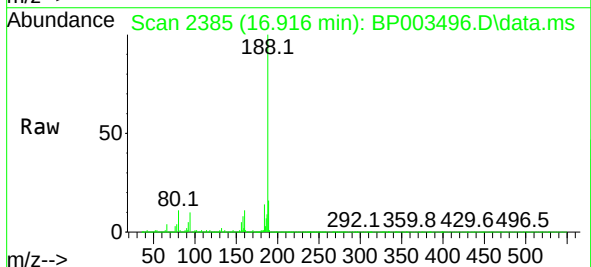
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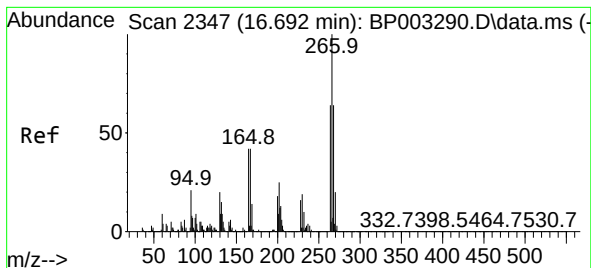
Tgt Ion:184 Resp: 30  
Ion Ratio Lower Upper  
184 100  
63 81.8 32.3 48.5#  
154 69.7 49.1 73.7



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.916 min Scan# 2385  
Delta R.T. 0.000 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

Tgt Ion:188 Resp: 533890  
Ion Ratio Lower Upper  
188 100  
94 9.8 6.2 9.2#  
80 10.5 6.2 9.2#

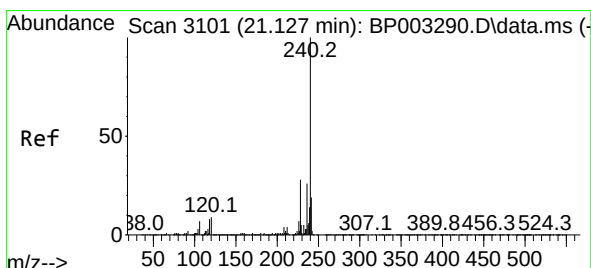
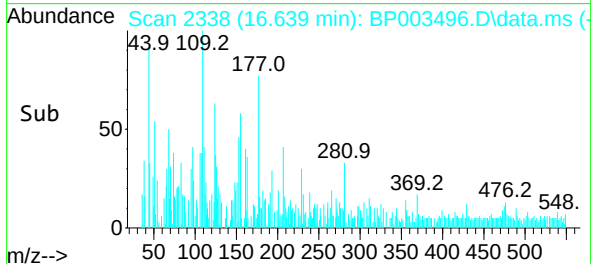
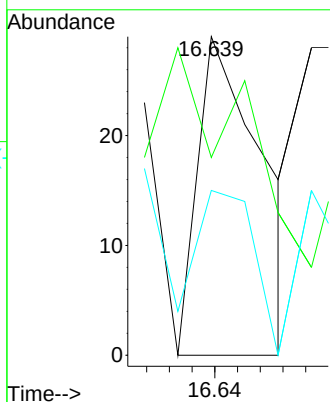
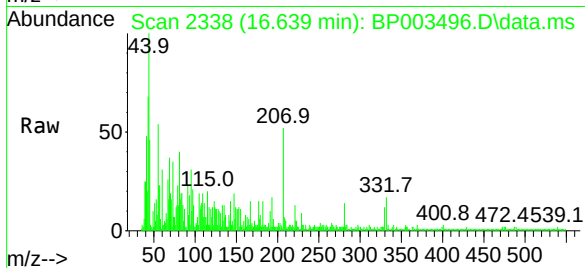




#70  
Pentachlorophenol  
Concen: 6.78 ng  
RT: 16.639 min Scan# 2338  
Delta R.T. 0.047 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

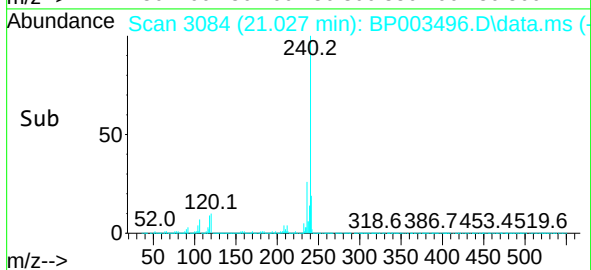
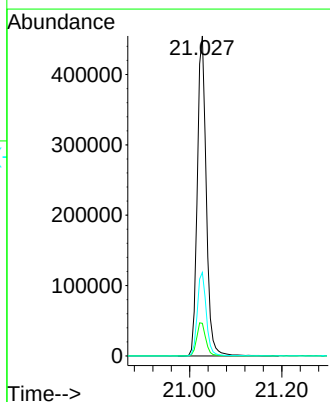
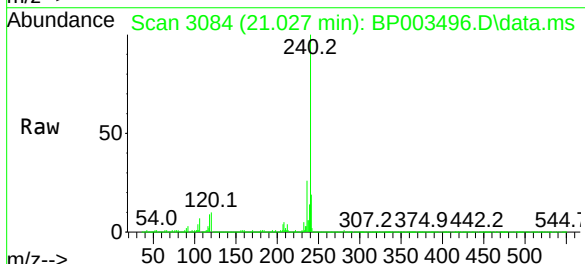
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OK-02-100120

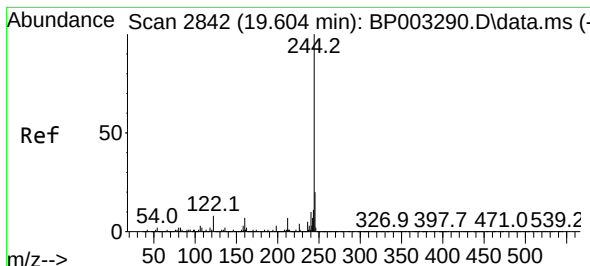
Tgt Ion:266 Resp: 23  
Ion Ratio Lower Upper  
266 100  
268 62.1 51.1 76.7  
264 51.7 50.6 76.0



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.027 min Scan# 3084  
Delta R.T. 0.000 min  
Lab File: BP003496.D  
Acq: 05 Oct 2020 18:29

Tgt Ion:240 Resp: 610821  
Ion Ratio Lower Upper  
240 100  
120 10.2 7.8 11.6  
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 86.98 ng

RT: 19.504 min Scan# 2825

Delta R.T. 0.000 min

Lab File: BP003496.D

Acq: 05 Oct 2020 18:29

Instrument :

BNA\_P

ClientSampleId :

OK-02-100120

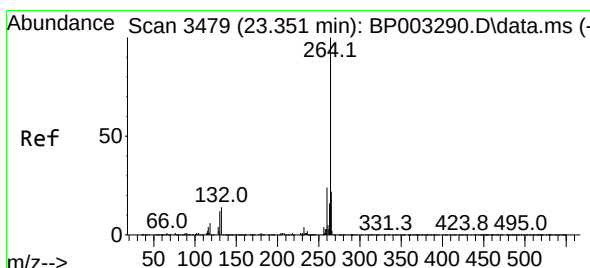
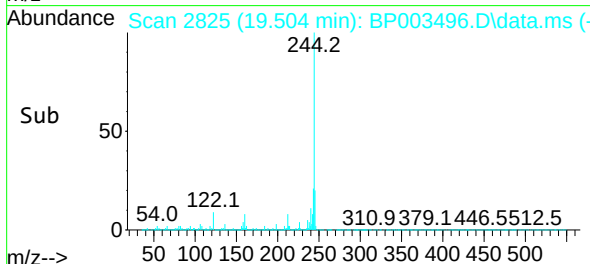
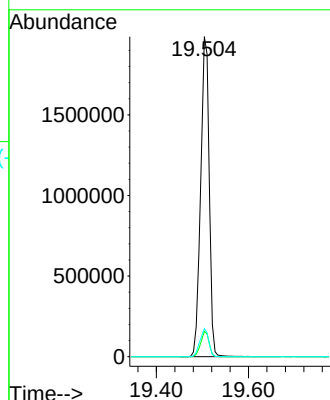
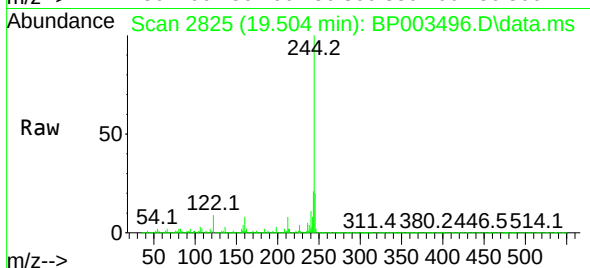
Tgt Ion:244 Resp: 2549775

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

122 8.8 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.198 min Scan# 3453

Delta R.T. 0.000 min

Lab File: BP003496.D

Acq: 05 Oct 2020 18:29

Tgt Ion:264 Resp: 561405

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.1 17.4 26.2

