

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092520\  
 Data File : BP003377.D  
 Acq On : 25 Sep 2020 12:35  
 Operator : CG/JU  
 Sample : PB131876BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB131876BL

Quant Time: Sep 25 13:19:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 22 12:48:08 2020  
 Response via : Initial Calibration

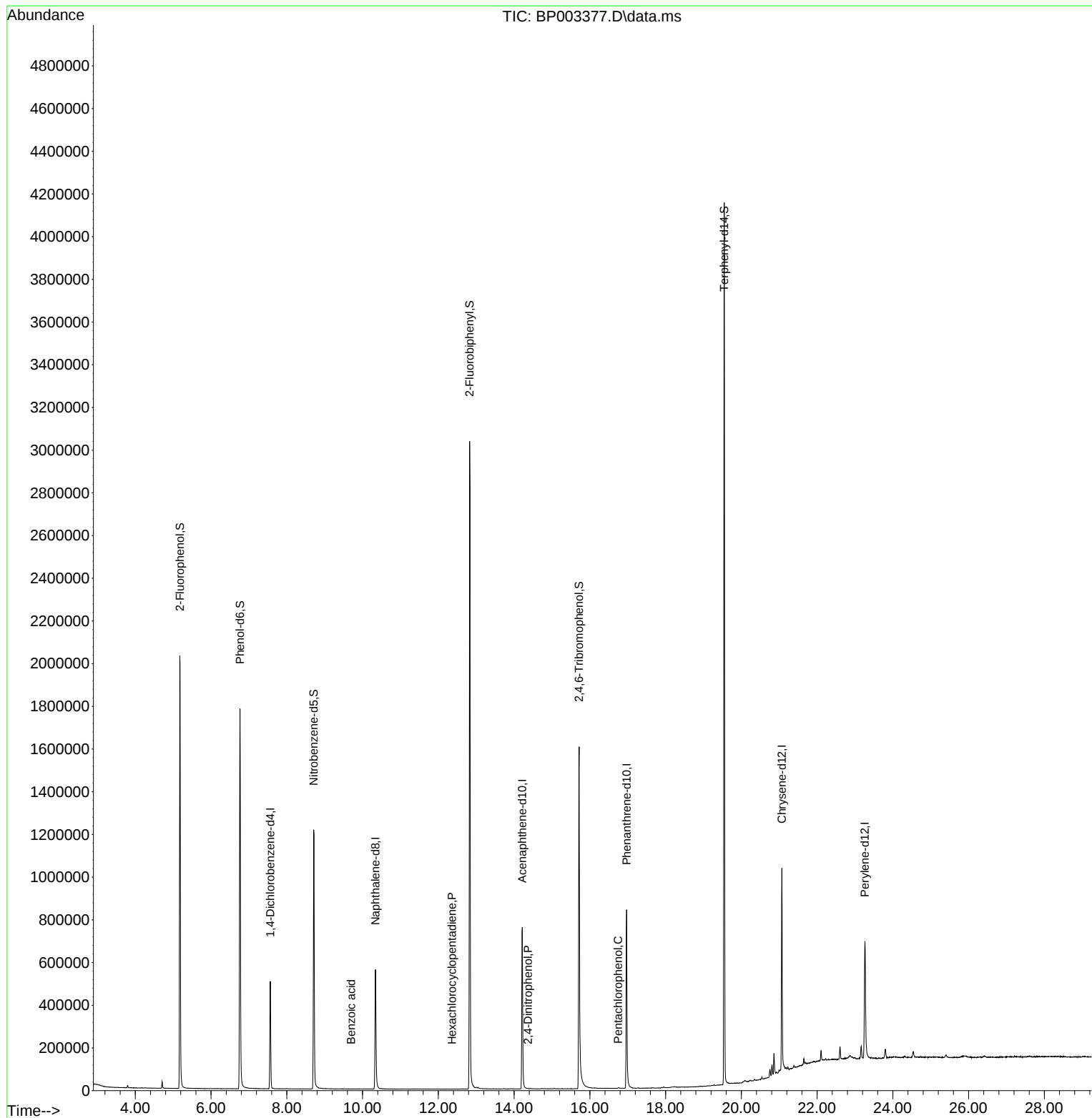
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.563  | 152  | 141351   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.340 | 136  | 528530   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.216 | 164  | 295235   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.969 | 188  | 568465   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.068 | 240  | 493015   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.262 | 264  | 469550   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.175  | 112  | 989158   | 122.19 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.763  | 99   | 1203967  | 111.58 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.710  | 82   | 805089   | 89.49  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.716 | 330  | 396948   | 88.15  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.828 | 172  | 1677955  | 83.12  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.545 | 244  | 1912965  | 80.85  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 32) Benzoic acid              | 9.698  | 122  | 10       | 9.16   | ng    | # 29     |
| 41) Hexachlorocyclopentadiene | 12.357 | 237  | 10       | 6.84   | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.369 | 184  | 35       | 7.27   | ng    | # 1      |
| 70) Pentachlorophenol         | 16.745 | 266  | 29       | 6.78   | ng    | 93       |
| -----                         |        |      |          |        |       |          |

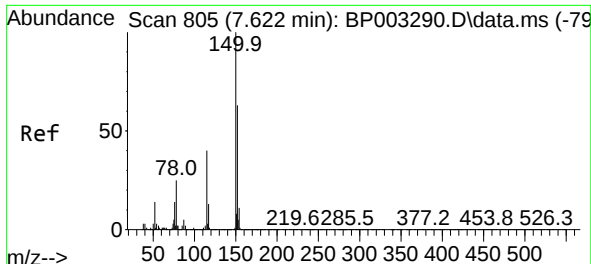
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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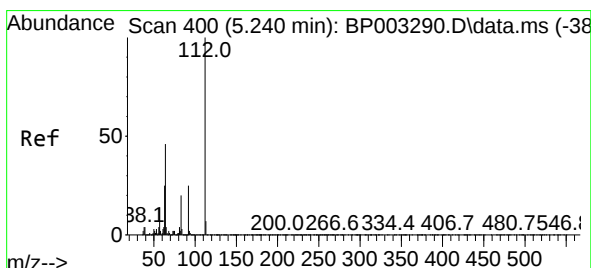
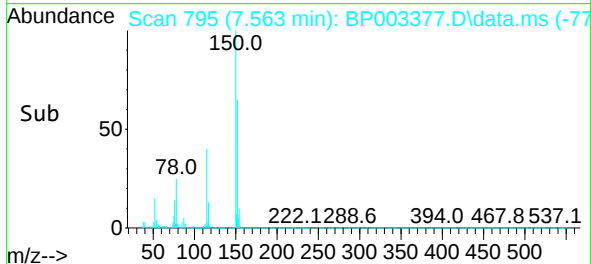
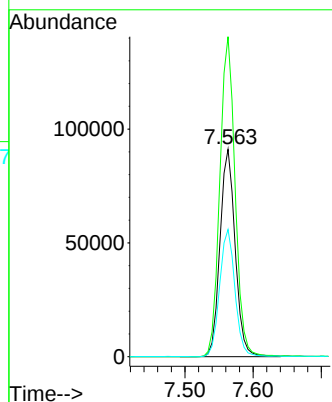
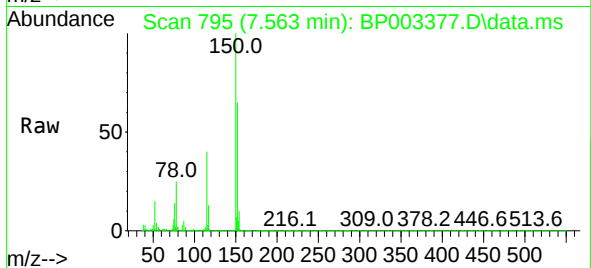




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.563 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

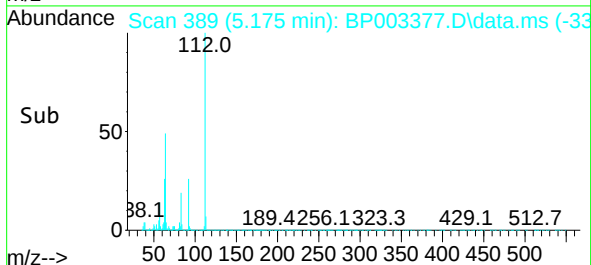
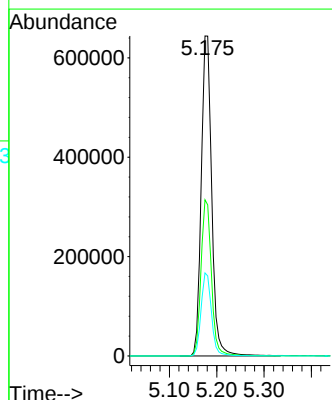
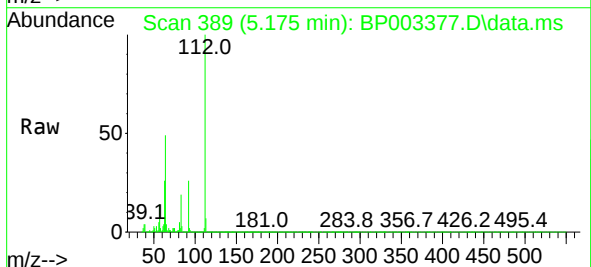
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BNA\_P  
ClientSampleId :  
PB131876BL

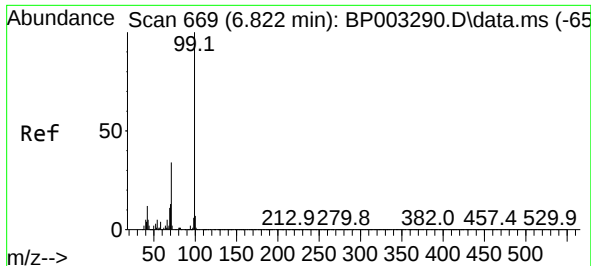
Tgt Ion:152 Resp: 141351  
Ion Ratio Lower Upper  
152 100  
150 154.3 123.8 185.6  
115 61.3 43.8 65.6



#5  
2-Fluorophenol  
Concen: 122.19 ng  
RT: 5.175 min Scan# 389  
Delta R.T. -0.006 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

Tgt Ion:112 Resp: 989158  
Ion Ratio Lower Upper  
112 100  
64 48.8 32.8 49.2  
63 26.0 17.0 25.4#

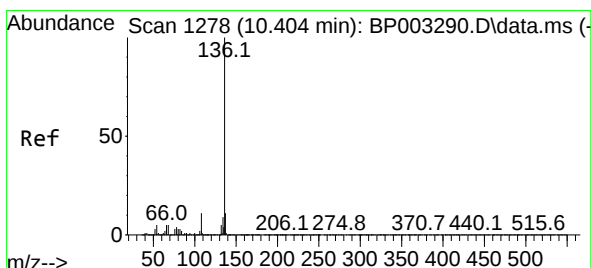
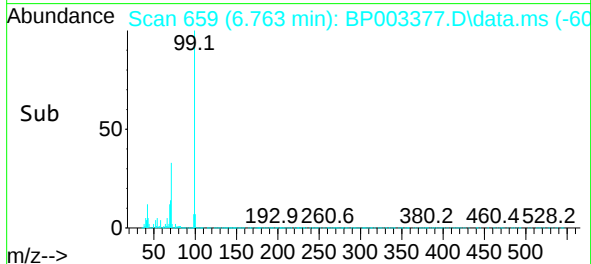
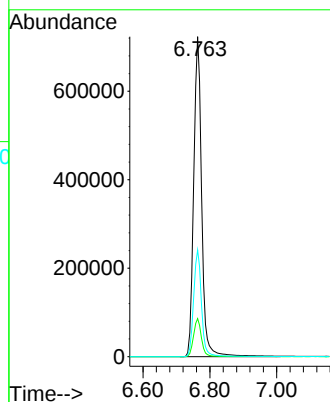
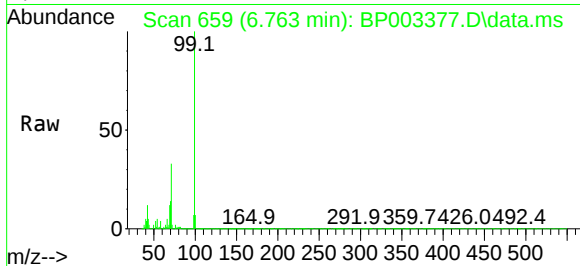




#7  
Phenol-d6  
Concen: 111.58 ng  
RT: 6.763 min Scan# 659  
Delta R.T. -0.006 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

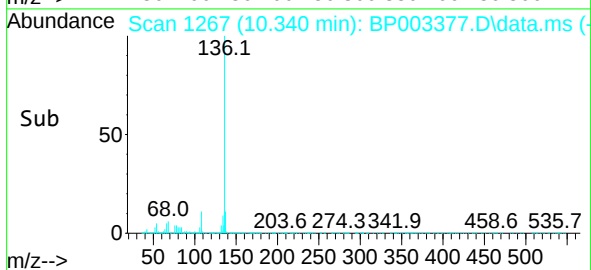
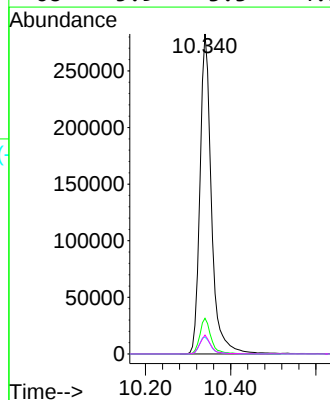
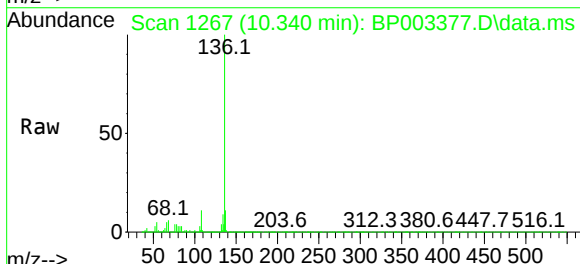
Instrument :  
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ClientSampleId :  
PB131876BL

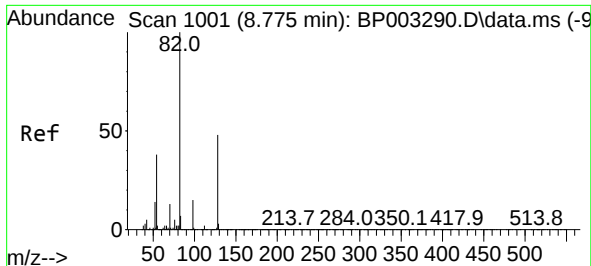
Tgt Ion: 99 Resp: 1203967  
Ion Ratio Lower Upper  
99 100  
42 11.9 8.6 13.0  
71 33.4 23.4 35.2



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.340 min Scan# 1267  
Delta R.T. -0.006 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

Tgt Ion: 136 Resp: 528530  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 5.3 3.6 5.4  
68 5.9 3.3 4.9#

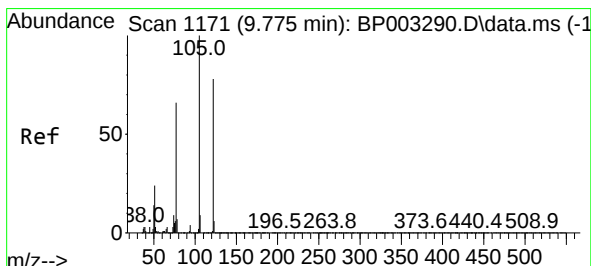
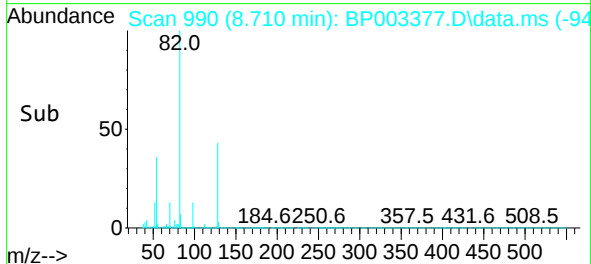
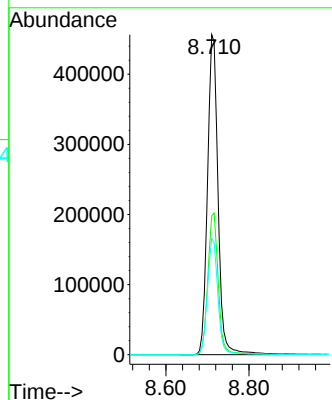
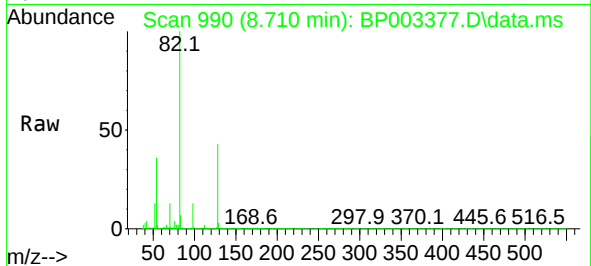




#23  
Nitrobenzene-d5  
Concen: 89.49 ng  
RT: 8.710 min Scan# 990  
Delta R.T. -0.012 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

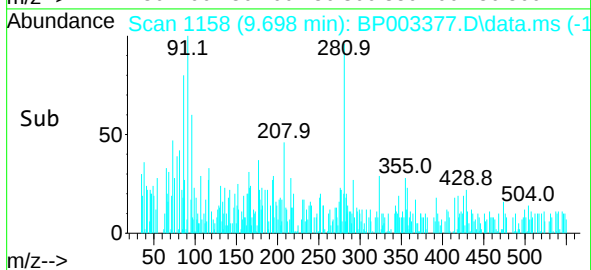
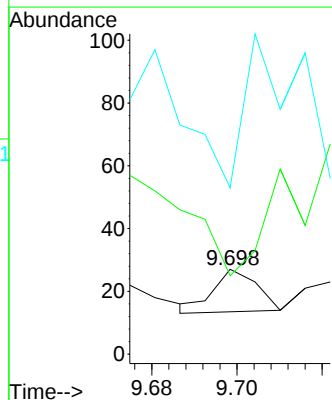
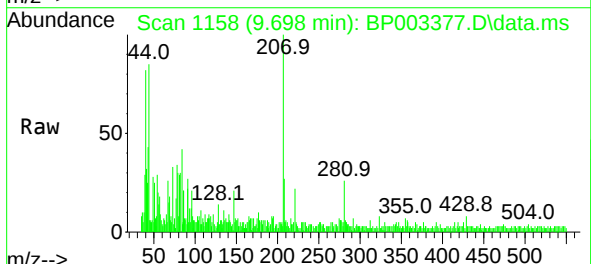
Instrument :  
BNA\_P  
ClientSampleId :  
PB131876BL

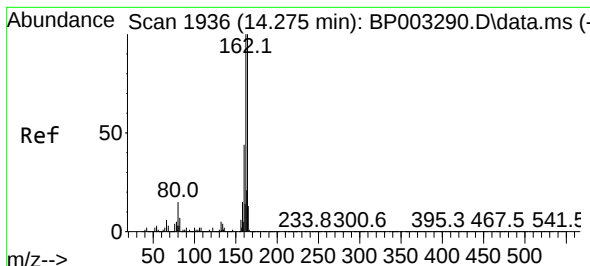
Tgt Ion: 82 Resp: 805089  
Ion Ratio Lower Upper  
82 100  
128 43.4 45.6 68.4#  
54 36.4 30.1 45.1



#32  
Benzoic acid  
Concen: 9.16 ng  
RT: 9.698 min Scan# 1158  
Delta R.T. -0.024 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

Tgt Ion: 122 Resp: 10  
Ion Ratio Lower Upper  
122 100  
105 92.6 94.1 134.1#  
77 196.3 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.216 min Scan# 1926

Delta R.T. -0.006 min

Lab File: BP003377.D

Acq: 25 Sep 2020 12:35

Instrument :

BNA\_P

ClientSampleId :

PB131876BL

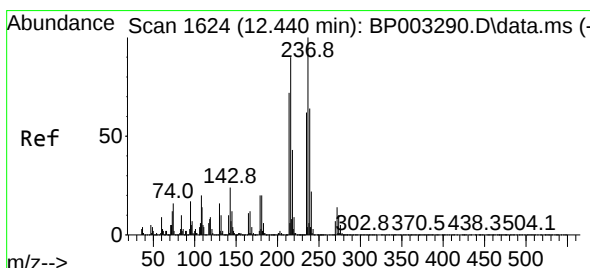
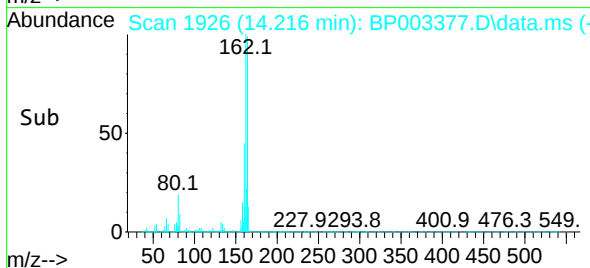
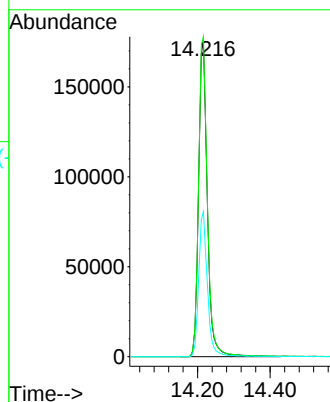
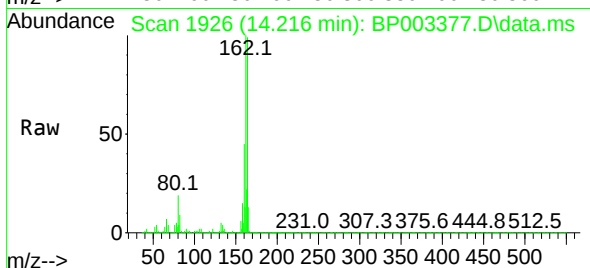
Tgt Ion:164 Resp: 295235

Ion Ratio Lower Upper

164 100

162 101.3 79.4 119.2

160 45.9 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 6.84 ng

RT: 12.357 min Scan# 1610

Delta R.T. -0.024 min

Lab File: BP003377.D

Acq: 25 Sep 2020 12:35

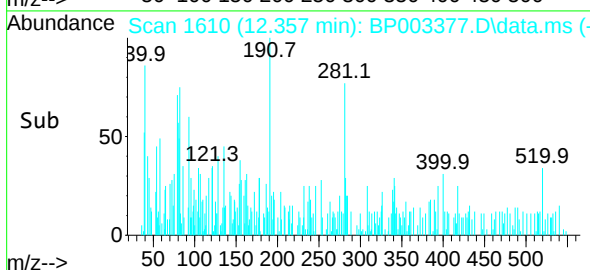
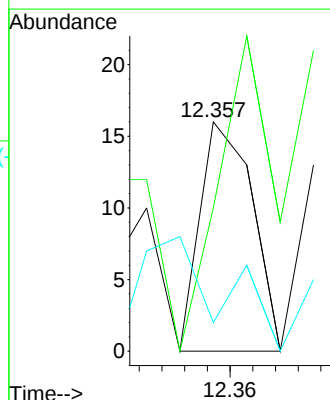
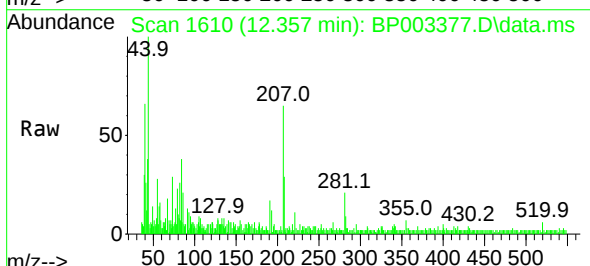
Tgt Ion:237 Resp: 10

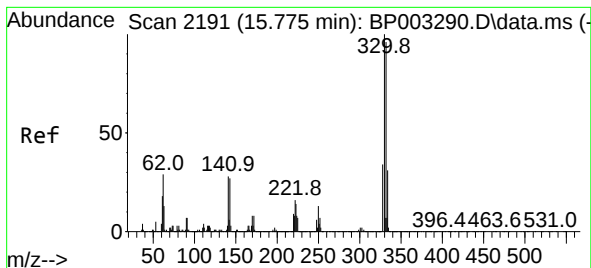
Ion Ratio Lower Upper

237 100

235 62.5 43.2 83.2

272 12.5 0.0 33.3

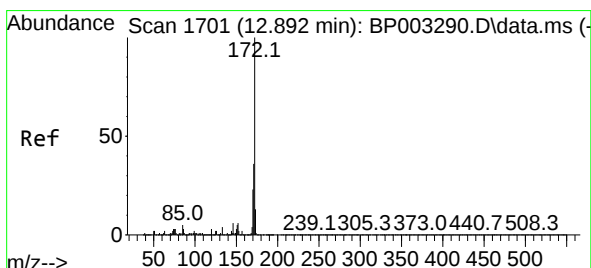
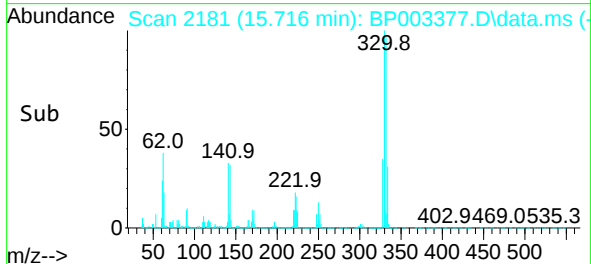
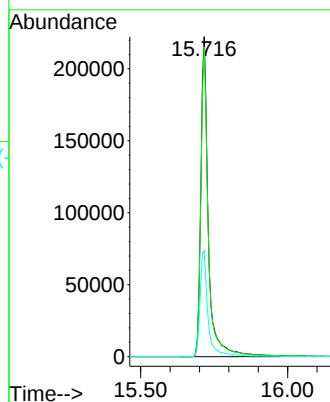
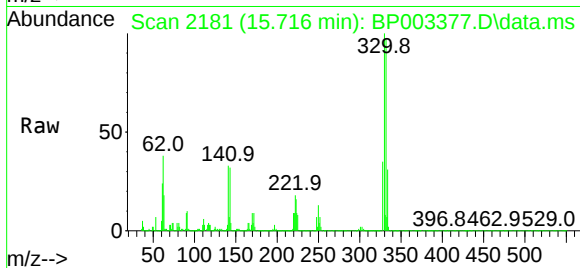




#42  
2,4,6-Tribromophenol  
Concen: 88.15 ng  
RT: 15.716 min Scan# 2181  
Delta R.T. -0.006 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

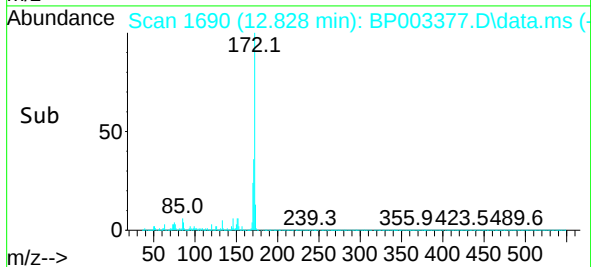
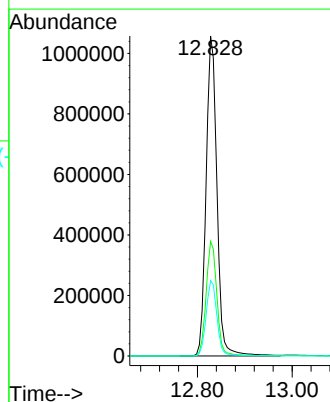
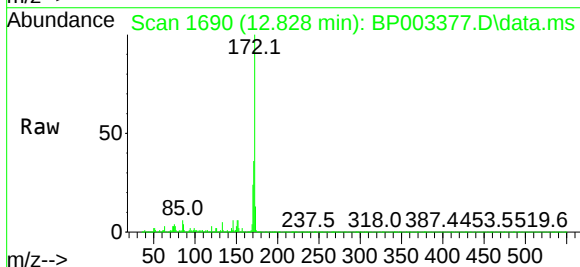
Instrument :  
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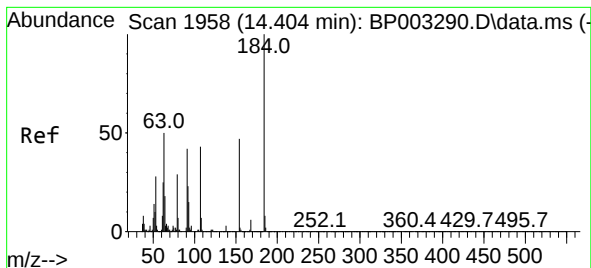
Tgt Ion:330 Resp: 396948  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.1 115.7  
141 34.8 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 83.12 ng  
RT: 12.828 min Scan# 1690  
Delta R.T. -0.012 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

Tgt Ion:172 Resp: 1677955  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.5 42.7  
170 23.6 19.2 28.8

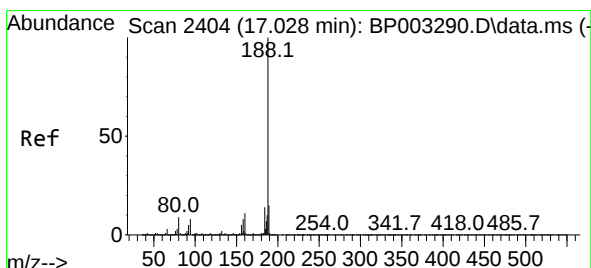
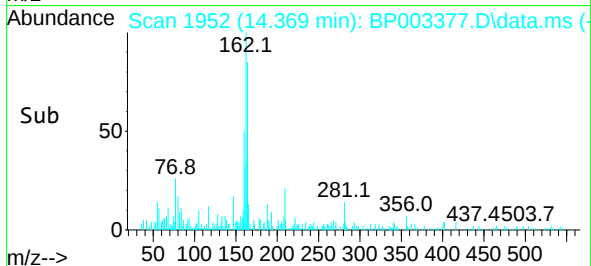
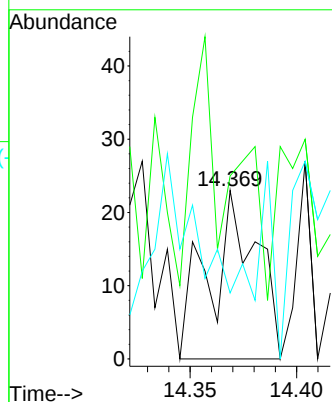
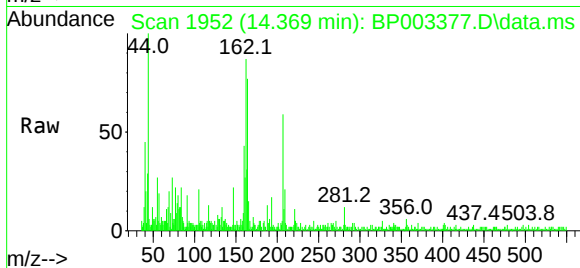




#54  
2,4-Dinitrophenol  
Concen: 7.27 ng  
RT: 14.369 min Scan# 1952  
Delta R.T. 0.012 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

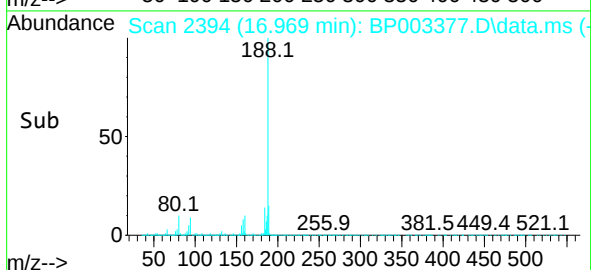
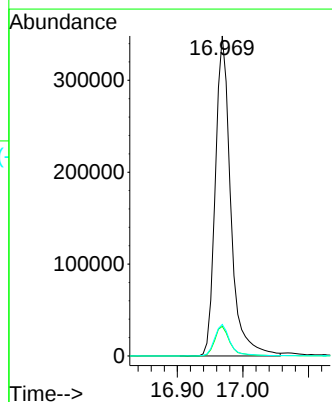
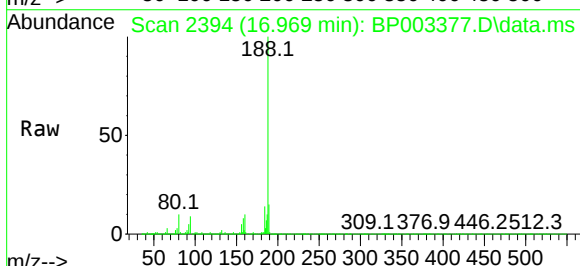
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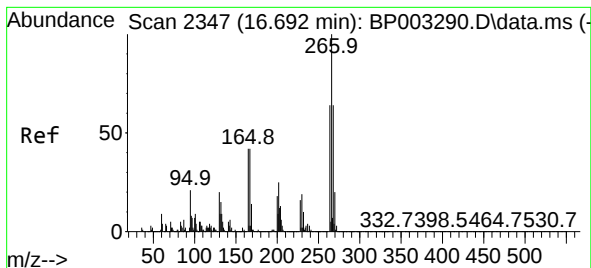
Tgt Ion:184 Resp: 35  
Ion Ratio Lower Upper  
184 100  
63 217.4 32.3 48.5#  
154 39.1 49.1 73.7#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.969 min Scan# 2394  
Delta R.T. -0.006 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

Tgt Ion:188 Resp: 568465  
Ion Ratio Lower Upper  
188 100  
94 9.2 6.2 9.2  
80 9.8 6.2 9.2#

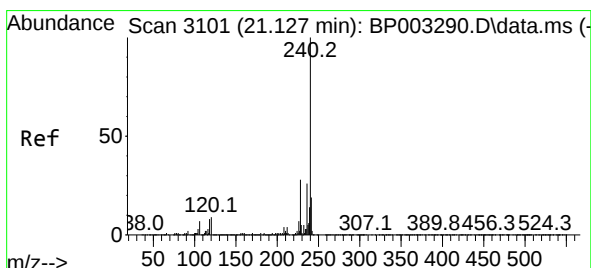
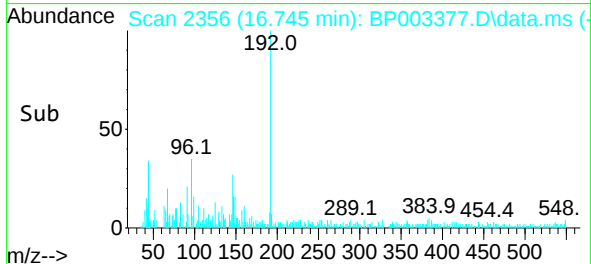
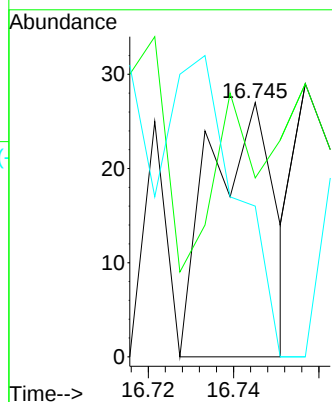
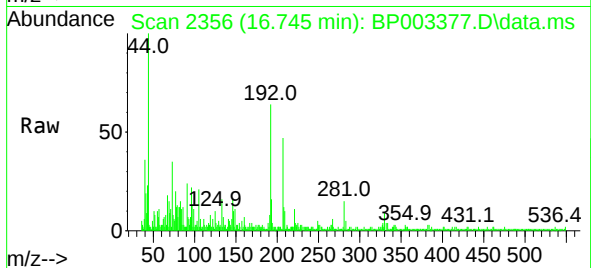




#70  
Pentachlorophenol  
Concen: 6.78 ng  
RT: 16.745 min Scan# 2356  
Delta R.T. 0.106 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

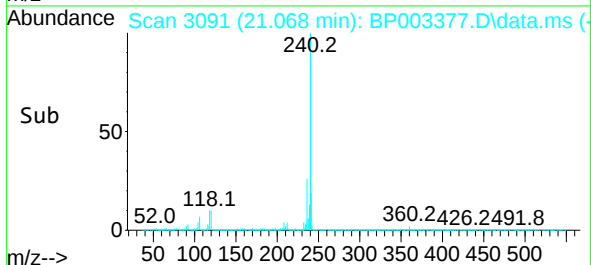
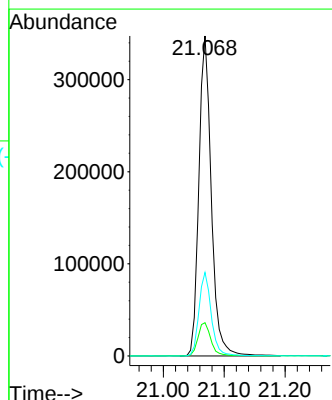
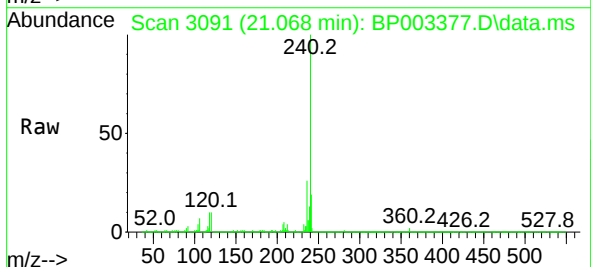
Instrument :  
BNA\_P  
ClientSampleId :  
PB131876BL

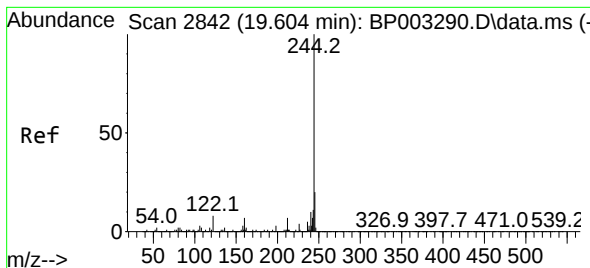
Tgt Ion:266 Resp: 29  
Ion Ratio Lower Upper  
266 100  
268 70.4 51.1 76.7  
264 59.3 50.6 76.0



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.068 min Scan# 3091  
Delta R.T. -0.000 min  
Lab File: BP003377.D  
Acq: 25 Sep 2020 12:35

Tgt Ion:240 Resp: 493015  
Ion Ratio Lower Upper  
240 100  
120 10.4 7.8 11.6  
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 80.85 ng

RT: 19.545 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BP003377.D

Acq: 25 Sep 2020 12:35

Instrument :

BNA\_P

ClientSampleId :

PB131876BL

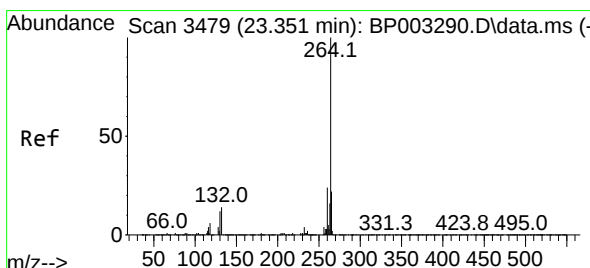
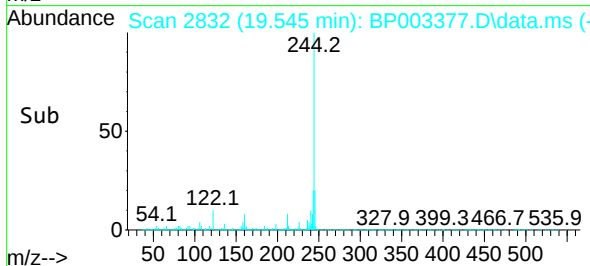
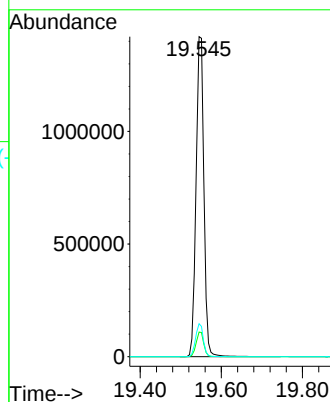
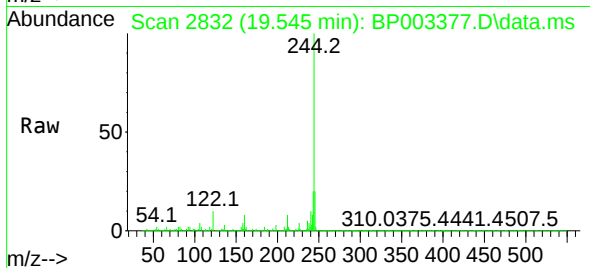
Tgt Ion:244 Resp: 1912965

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 10.3 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.262 min Scan# 3464

Delta R.T. -0.000 min

Lab File: BP003377.D

Acq: 25 Sep 2020 12:35

Tgt Ion:264 Resp: 469550

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.7 17.4 26.2

