

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\  
 Data File : BP000683.D  
 Acq On : 12 Oct 2019 21:34  
 Operator : JU  
 Sample : K5266-07RE  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20190856-AMENDED-COMP-CRE

Quant Time: Oct 14 05:53:54 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 01 18:03:42 2019  
 Response via : Initial Calibration

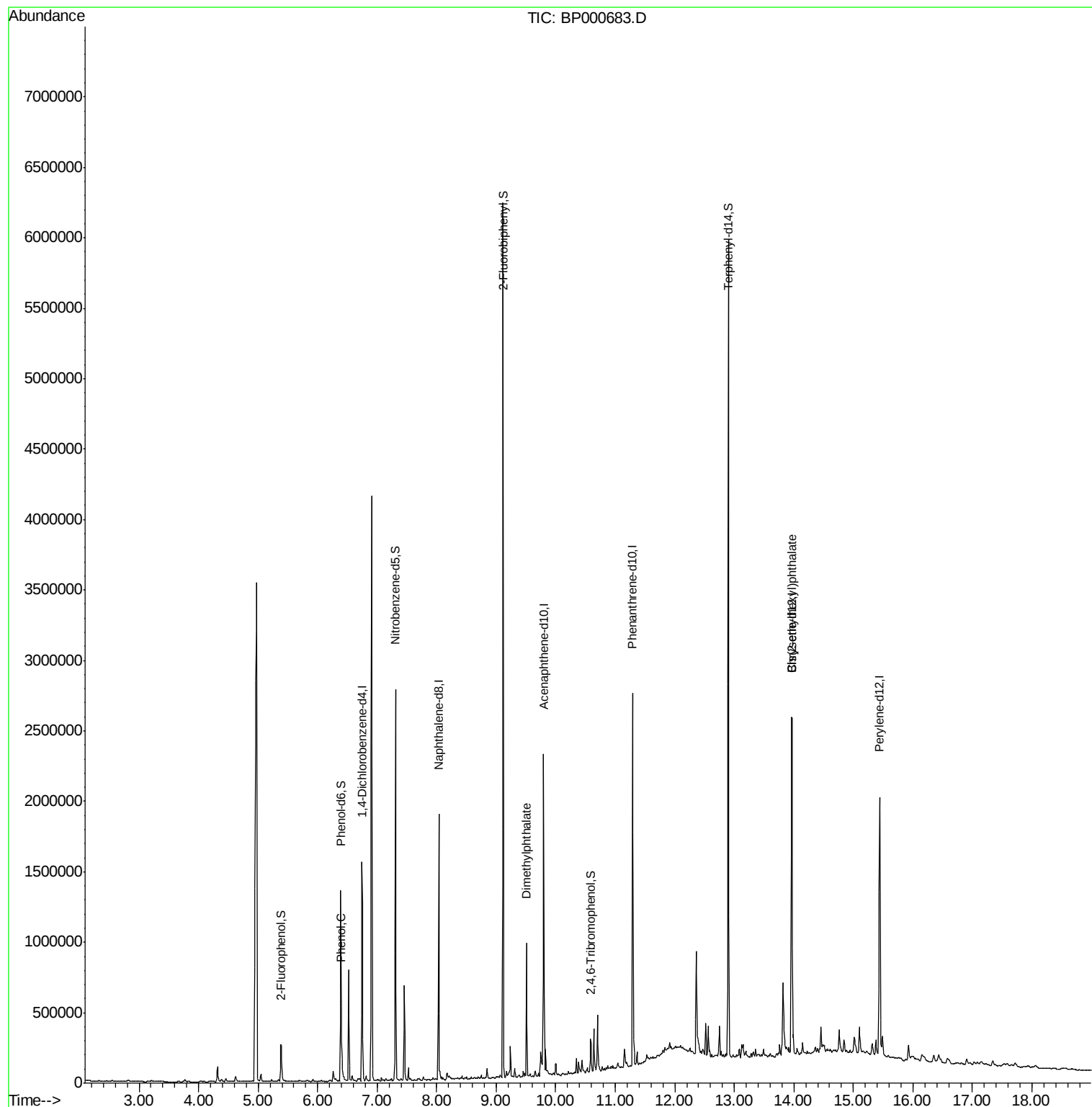
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.75  | 152  | 237280   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8             | 8.03  | 136  | 863509   | 20.00  | ng    | -0.02    |
| 39) Acenaphthene-d10           | 9.80  | 164  | 479148   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10           | 11.29 | 188  | 883921   | 20.00  | ng    | -0.02    |
| 76) Chrysene-d12               | 13.97 | 240  | 784376   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12               | 15.44 | 264  | 878644   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.39  | 112  | 115067   | 7.80   | ng    | 0.00     |
| 7) Phenol-d6                   | 6.39  | 99   | 571185   | 32.11  | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 7.31  | 82   | 877100   | 62.04  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol       | 10.59 | 330  | 28812    | 5.64   | ng    | -0.02    |
| 45) 2-Fluorobiphenyl           | 9.12  | 172  | 1828887  | 61.76  | ng    | -0.02    |
| 79) Terphenyl-d14              | 12.90 | 244  | 2083950  | 53.79  | ng    | -0.01    |
| Target Compounds               |       |      |          |        |       |          |
| 10) Phenol                     | 6.40  | 94   | 50082    | 2.750  | ng    | 94       |
| 50) Dimethylphthalate          | 9.51  | 163  | 337387   | 10.134 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 131689   | 4.442  | ng    | 98       |

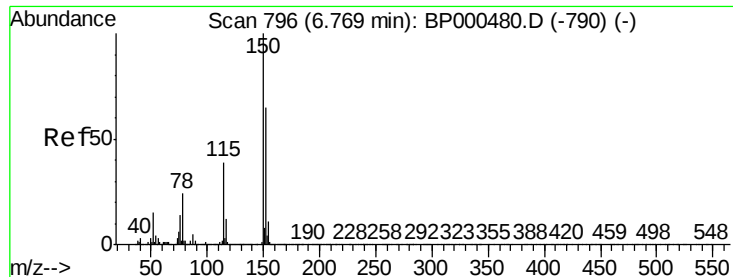
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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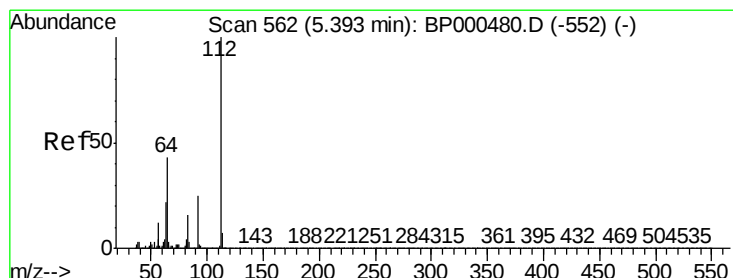
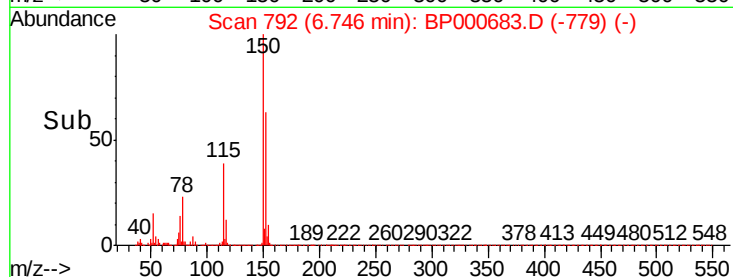
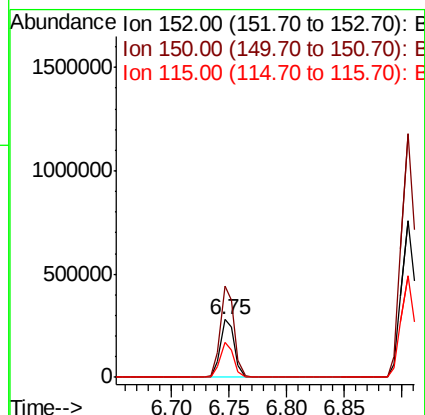
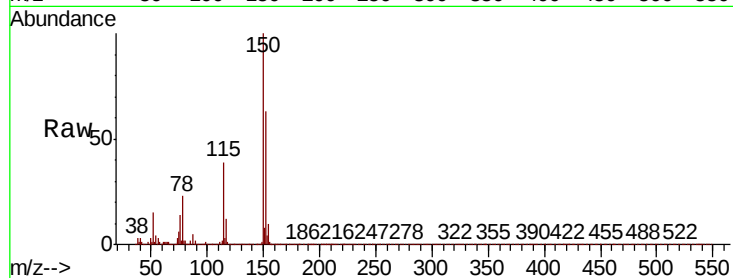


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.75 min Scan# 792  
Delta R.T. -0.02 min  
Lab File: BP000683.D  
Acq: 12 Oct 2019 21:34

Instrument :  
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20190856-AMENDED-COMP-CRE

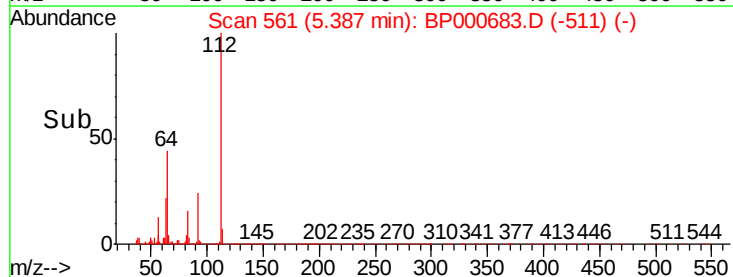
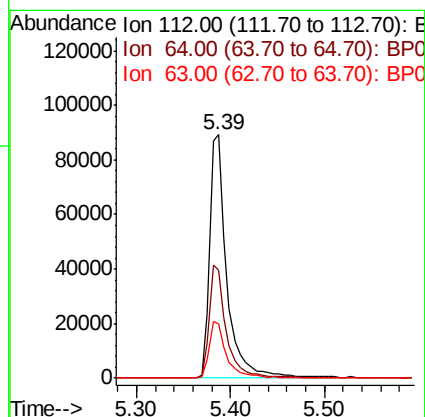
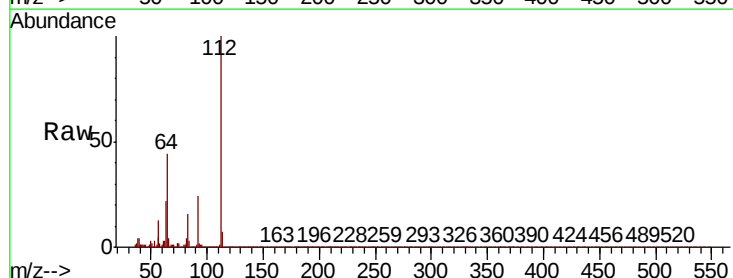
Tot Ion:152 Resp: 237280  
Ion Ratio Lower Upper  
152 100  
150 157.7 124.1 186.1  
115 61.0 48.7 73.1

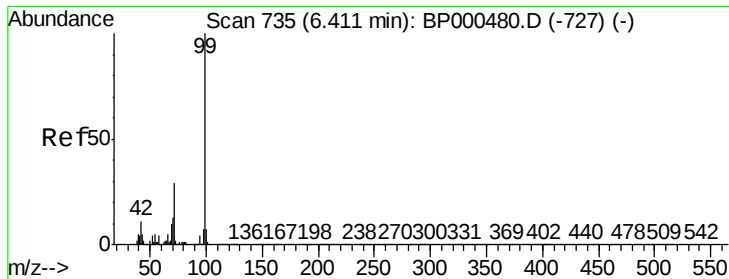


#5

2-Fluorophenol  
Concen: 7.795 ng  
RT: 5.39 min Scan# 561  
Delta R.T. -0.01 min  
Lab File: BP000683.D  
Acq: 12 Oct 2019 21:34

Tgt Ion:112 Resp: 115067  
Ion Ratio Lower Upper  
112 100  
64 44.1 34.2 51.4  
63 22.4 17.9 26.9





#7

Phenol-d6

Concen: 32.111 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000683.D

Acq: 12 Oct 2019 21:34

Instrument :

BNA\_P

ClientSampleId :

20190856-AMENDED-COMP-CRE

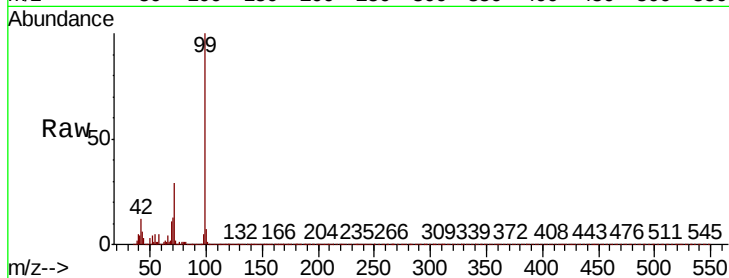
Tot Ion: 99 Resp: 571185

Ion Ratio Lower Upper

99 100

42 11.8 8.6 12.8

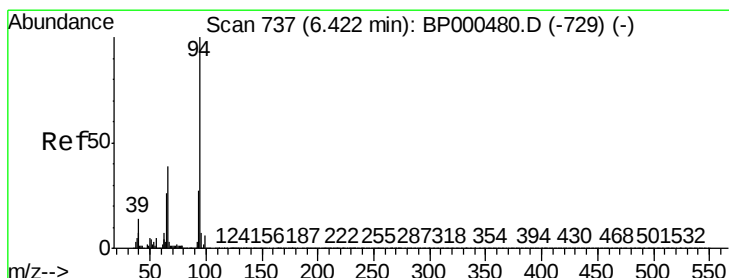
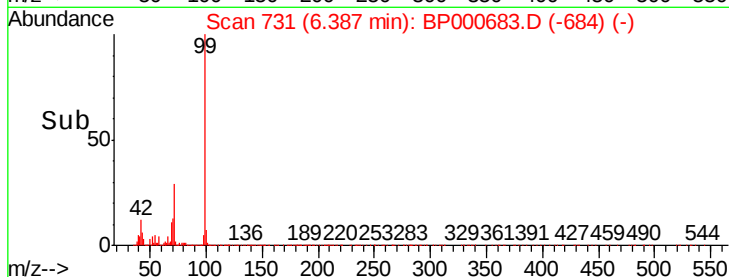
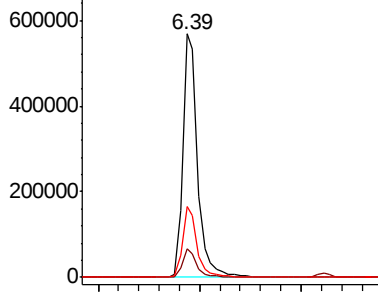
71 29.3 23.0 34.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 2.750 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000683.D

Acq: 12 Oct 2019 21:34

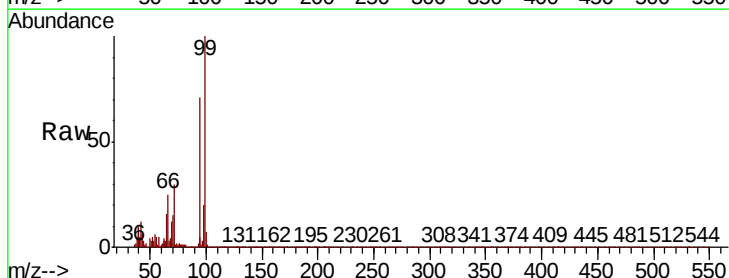
Tgt Ion: 94 Resp: 50082

Ion Ratio Lower Upper

94 100

65 23.2 5.9 45.9

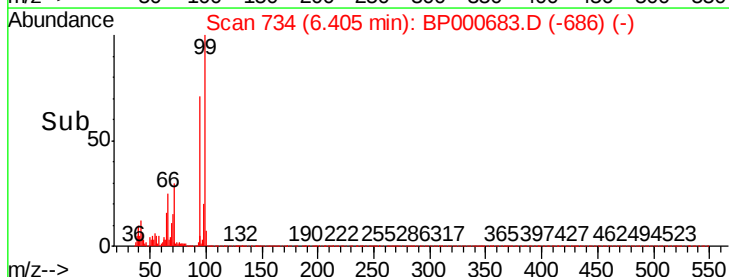
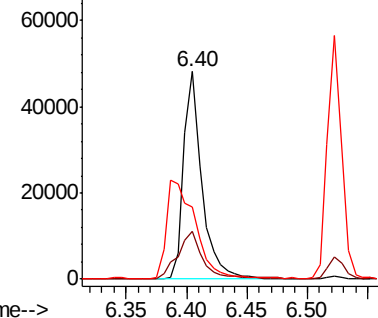
66 34.9 18.8 58.8

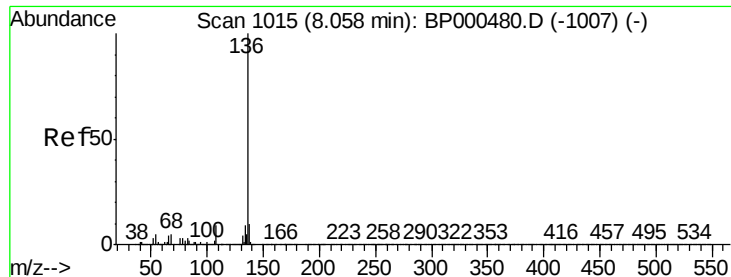


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

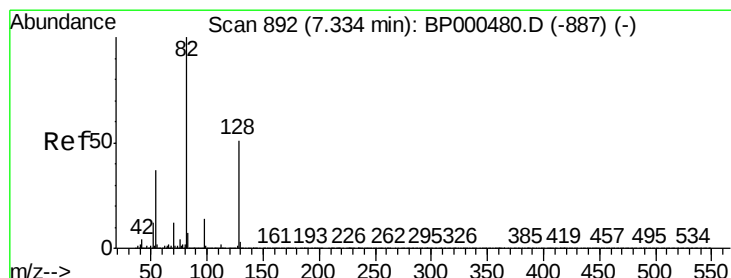
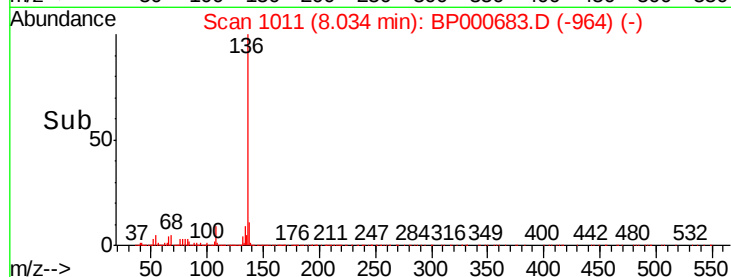
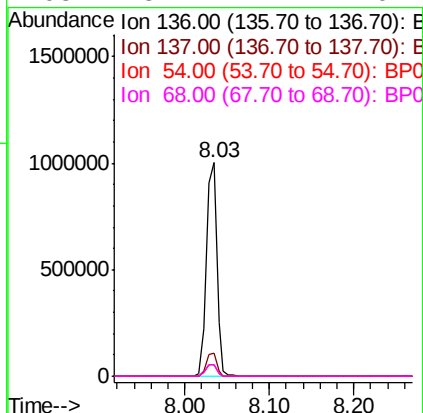
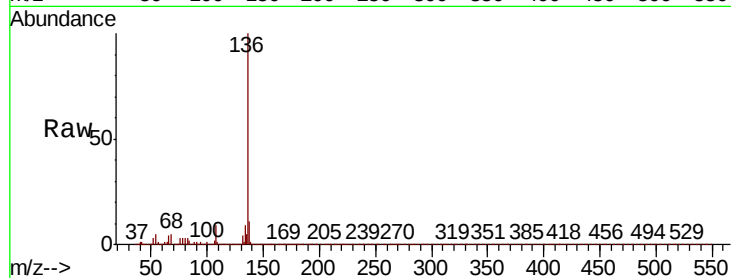




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. -0.02 min  
Lab File: BP000683.D  
Acq: 12 Oct 2019 21:34

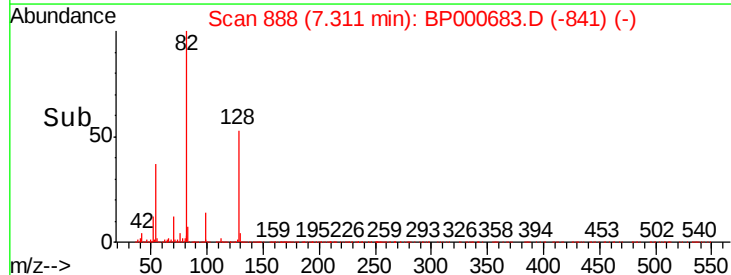
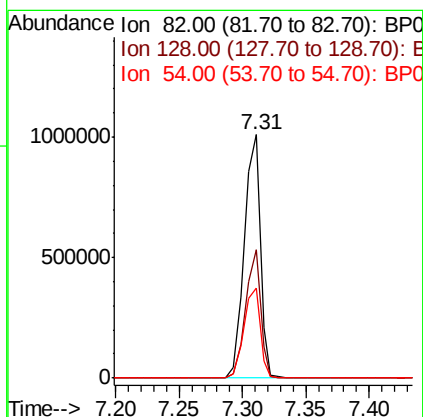
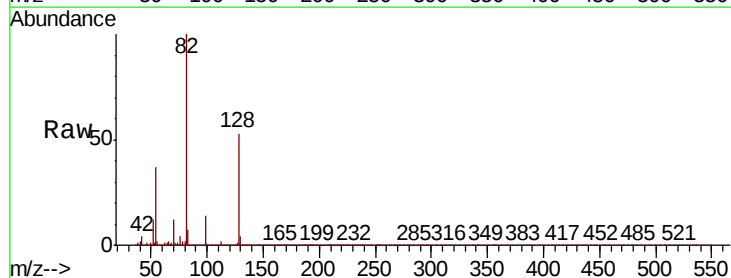
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20190856-AMENDED-COMP-CRE

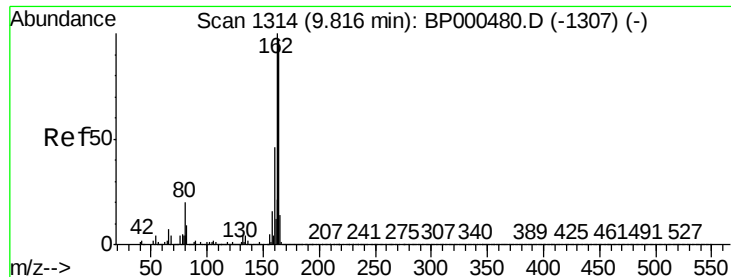
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 863509 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 10.7    | 8.2   | 12.4   |  |
| 54 5.1      | 4.1   | 6.1    |  |
| 68 5.2      | 4.1   | 6.1    |  |



#23  
Nitrobenzene-d5  
Concen: 62.037 ng  
RT: 7.31 min Scan# 888  
Delta R.T. -0.02 min  
Lab File: BP000683.D  
Acq: 12 Oct 2019 21:34

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 877100 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 52.6    | 40.9 61.3    |
| 54 36.7     | 29.4 44.2    |

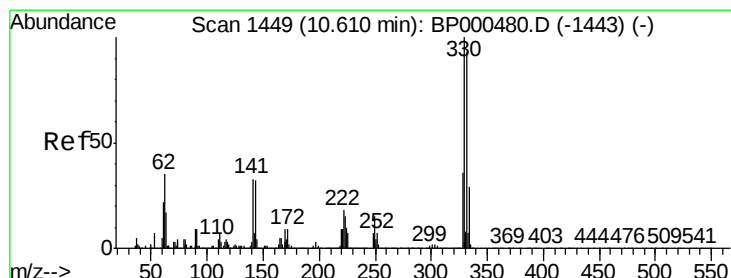
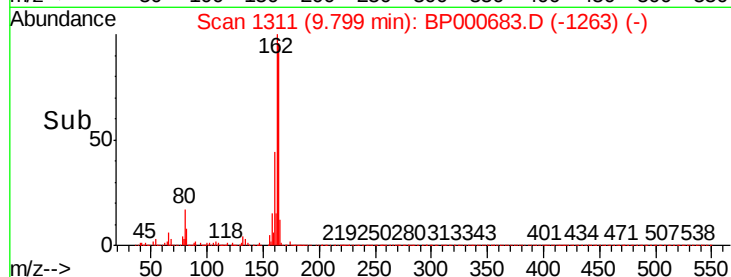
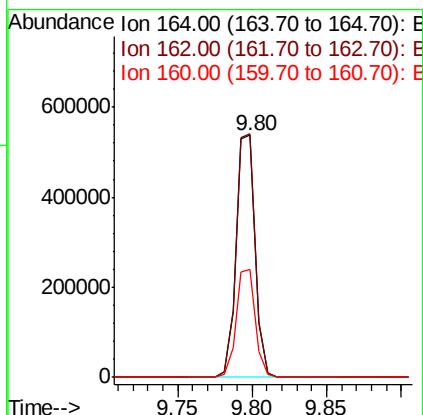
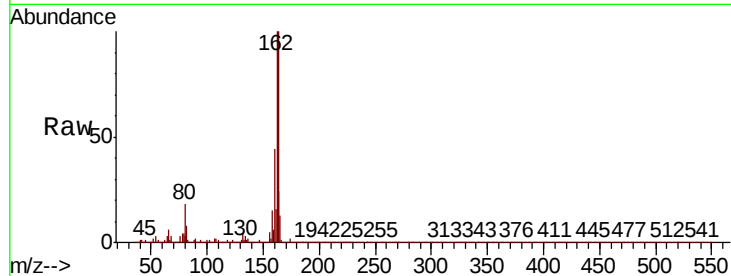




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.02 min  
Lab File: BP000683.D  
Acq: 12 Oct 2019 21:34

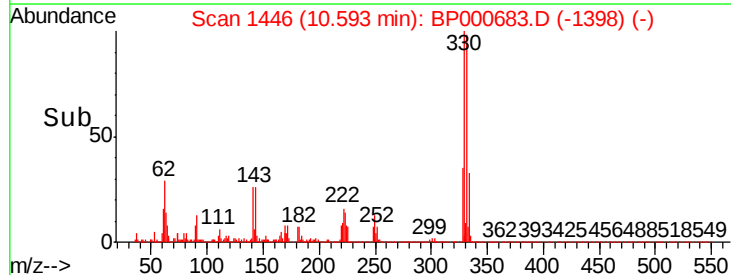
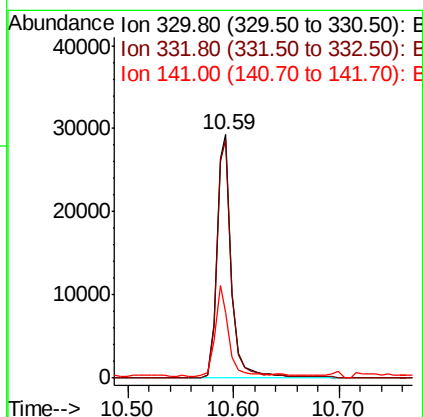
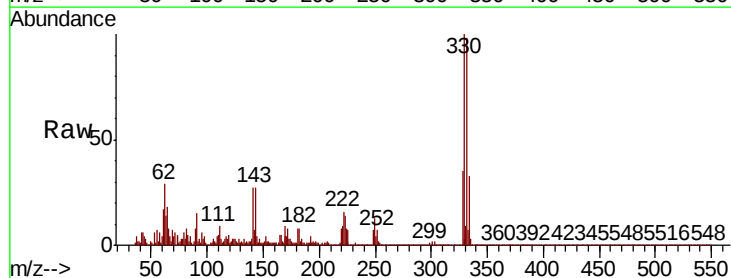
Instrument :  
BNA\_P  
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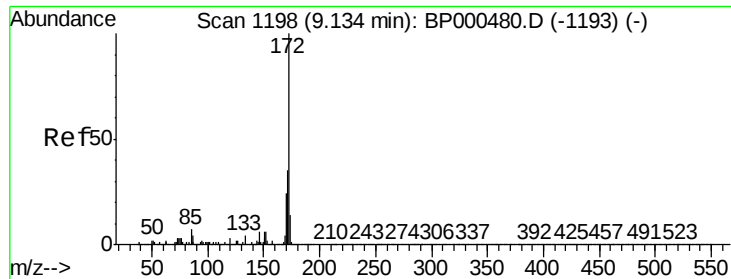
Tot Ion:164 Resp: 479148  
Ion Ratio Lower Upper  
164 100  
162 100.5 82.2 123.2  
160 44.4 37.6 56.4



#42  
2,4,6-Tribromophenol  
Concen: 5.643 ng  
RT: 10.59 min Scan# 1446  
Delta R.T. -0.02 min  
Lab File: BP000683.D  
Acq: 12 Oct 2019 21:34

Tgt Ion:330 Resp: 28812  
Ion Ratio Lower Upper  
330 100  
332 98.2 77.1 115.7  
141 33.9 26.0 39.0

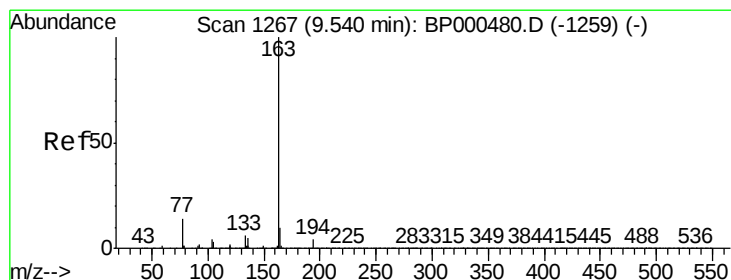
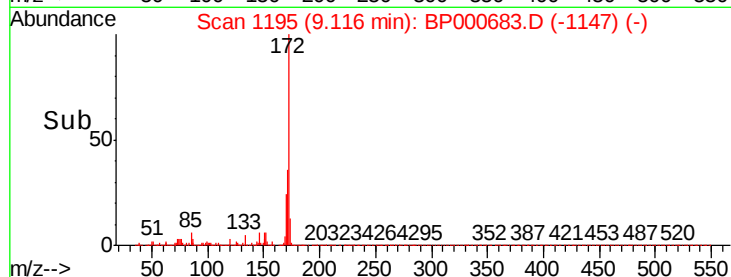
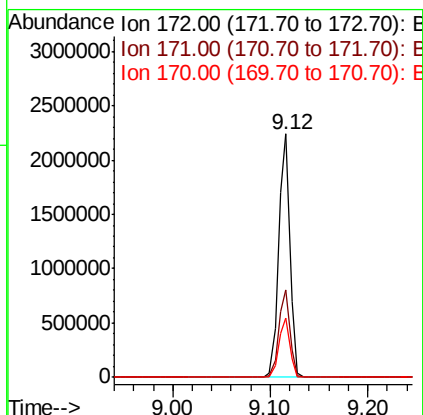
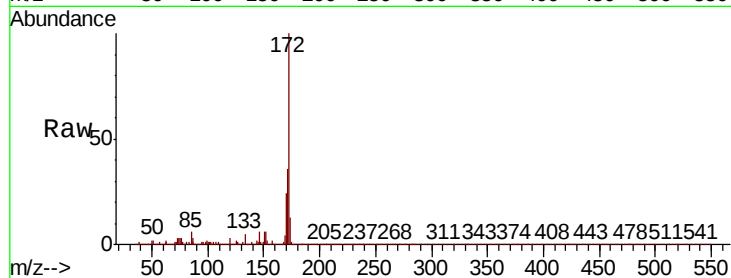




#45  
2-Fluorobiphenyl  
Concen: 61.758 ng  
RT: 9.12 min Scan# 1195  
Delta R.T. -0.02 min  
Lab File: BP000683.D  
Acq: 12 Oct 2019 21:34

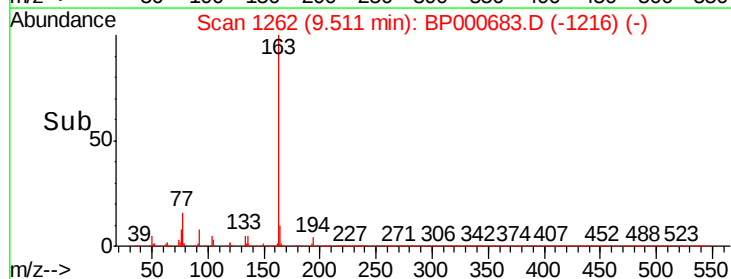
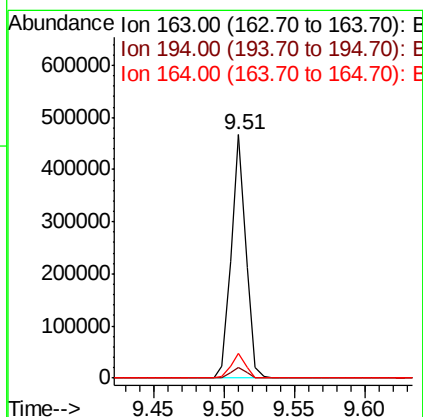
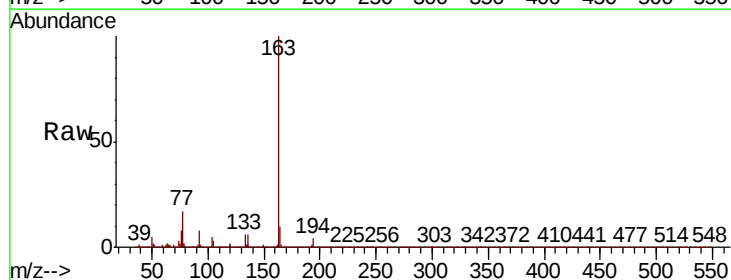
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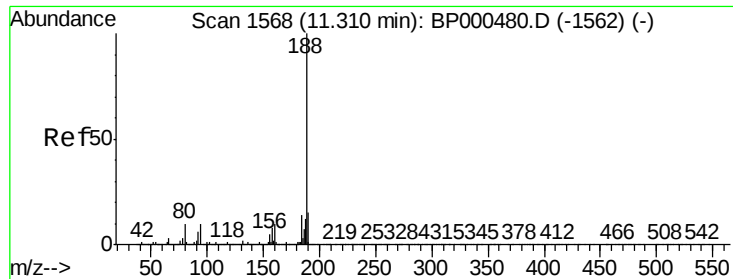
Tot Ion:172 Resp: 1828887  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.4 42.6  
170 24.2 19.1 28.7



#50  
Dimethylphthalate  
Concen: 10.134 ng  
RT: 9.51 min Scan# 1262  
Delta R.T. -0.03 min  
Lab File: BP000683.D  
Acq: 12 Oct 2019 21:34

Tgt Ion:163 Resp: 337387  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.3 8.0 12.0

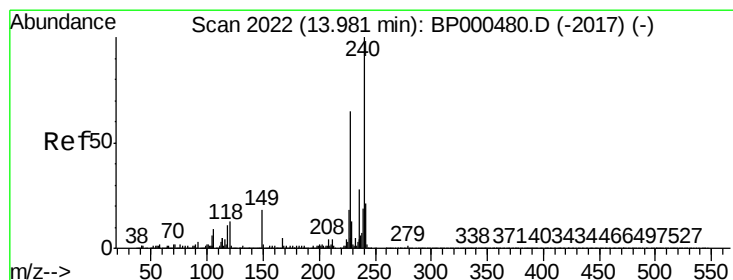
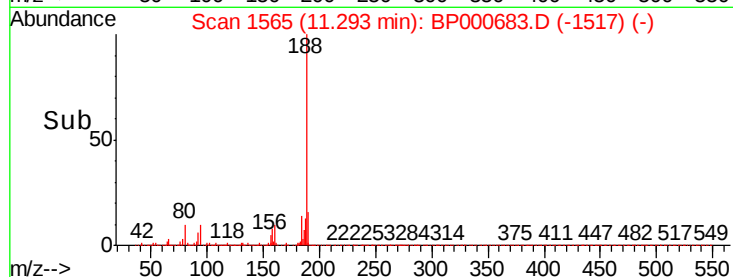
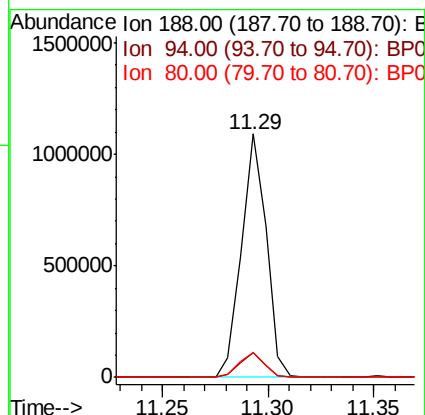
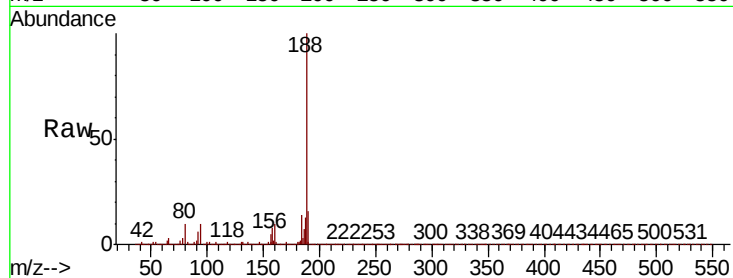




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.29 min Scan# 1565  
Delta R.T. -0.02 min  
Lab File: BP000683.D  
Acq: 12 Oct 2019 21:34

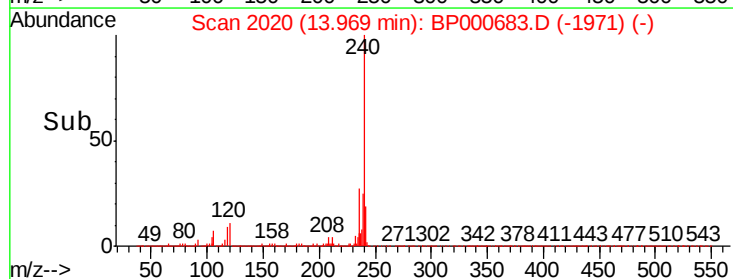
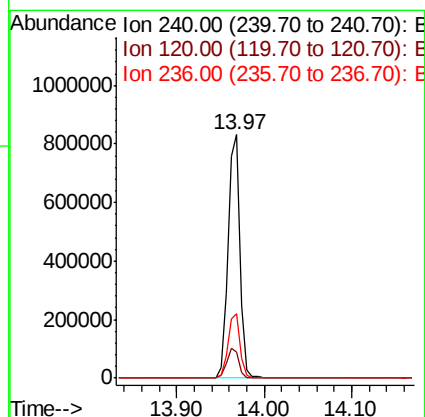
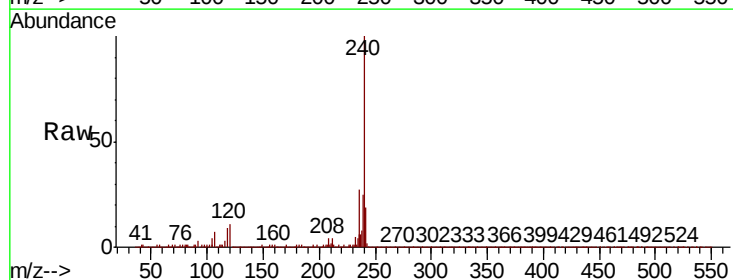
Instrument :  
BNA\_P  
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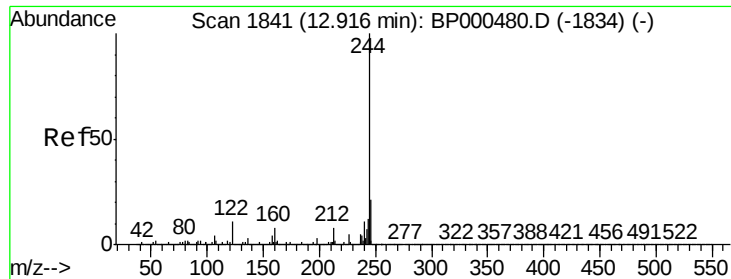
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.3  | 8.2   | 12.2  |
| 80      | 10.2  | 8.3   | 12.5  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. -0.01 min  
Lab File: BP000683.D  
Acq: 12 Oct 2019 21:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.6  | 10.1  | 15.1  |
| 236     | 26.7  | 22.7  | 34.1  |



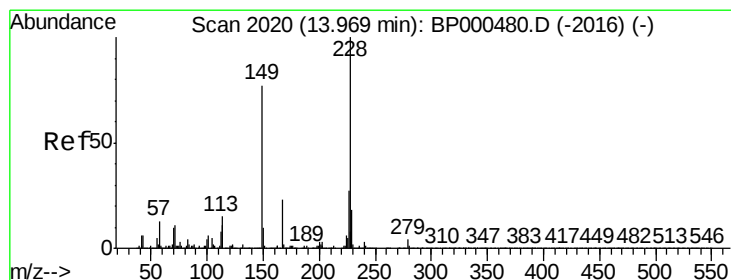
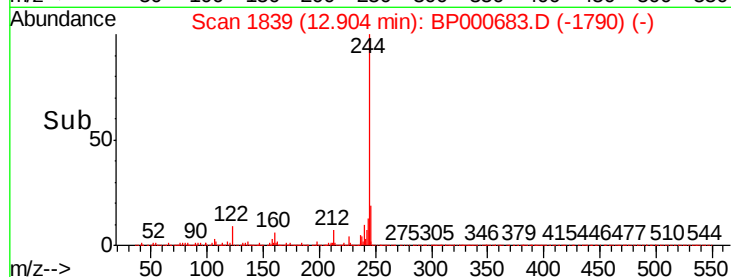
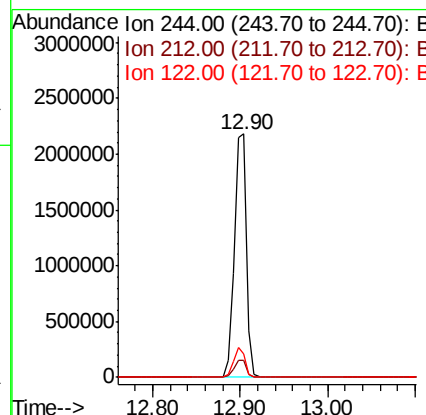
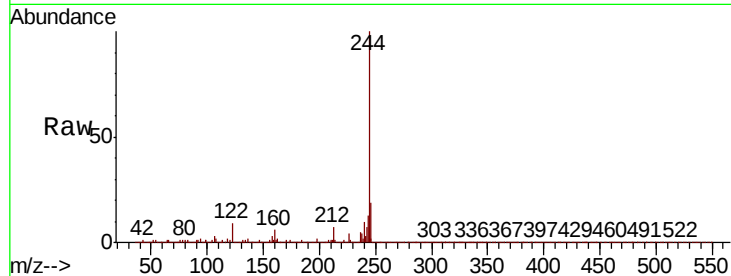


#79  
 Terphenyl-d14  
 Concen: 53.793 ng  
 RT: 12.90 min Scan# 1839  
 Delta R.T. -0.01 min  
 Lab File: BP000683.D  
 Acq: 12 Oct 2019 21:34

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20190856-AMENDED-COMP-CRE

Tot Ion:244 Resp: 2083950  

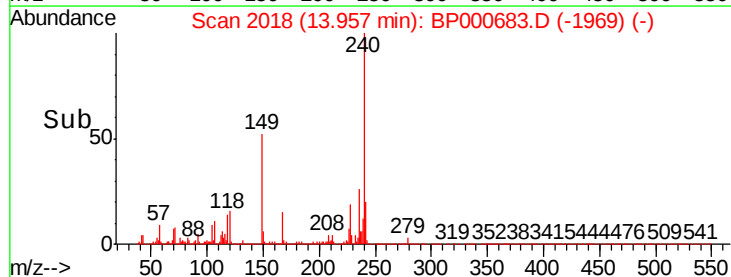
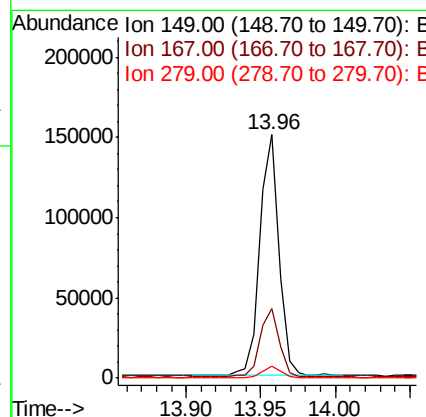
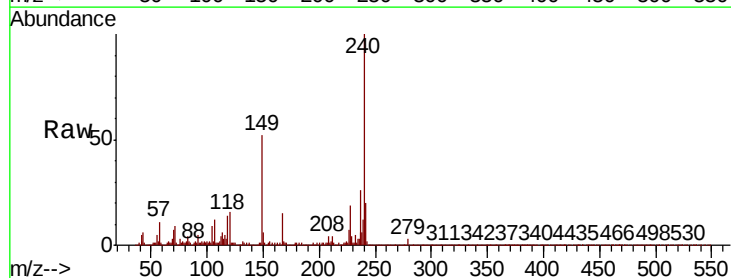
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.0   | 6.0   | 9.0   |
| 122 | 9.4   | 8.9   | 13.3  |

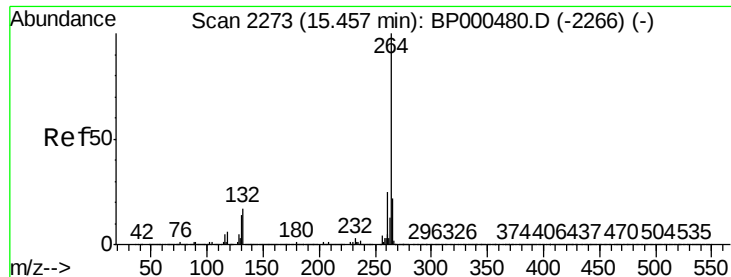


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.442 ng  
 RT: 13.96 min Scan# 2018  
 Delta R.T. -0.01 min  
 Lab File: BP000683.D  
 Acq: 12 Oct 2019 21:34

Tgt Ion:149 Resp: 131689  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.5  | 23.6  | 35.4  |
| 279 | 4.9   | 3.9   | 5.9   |





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.44 min Scan# 2270  
 Delta R.T. -0.02 min  
 Lab File: BP000683.D  
 Acq: 12 Oct 2019 21:34

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20190856-AMENDED-COMP-CRE

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 878644 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.9  | 20.3  | 30.5   |
| 265      | 22.3  | 18.0  | 27.0   |

