

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\  
 Data File : BP000621.D  
 Acq On : 10 Oct 2019 17:16  
 Operator : JU  
 Sample : K5292-08  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20190858-AMENDED-COMP-E

Quant Time: Oct 11 04:54:58 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

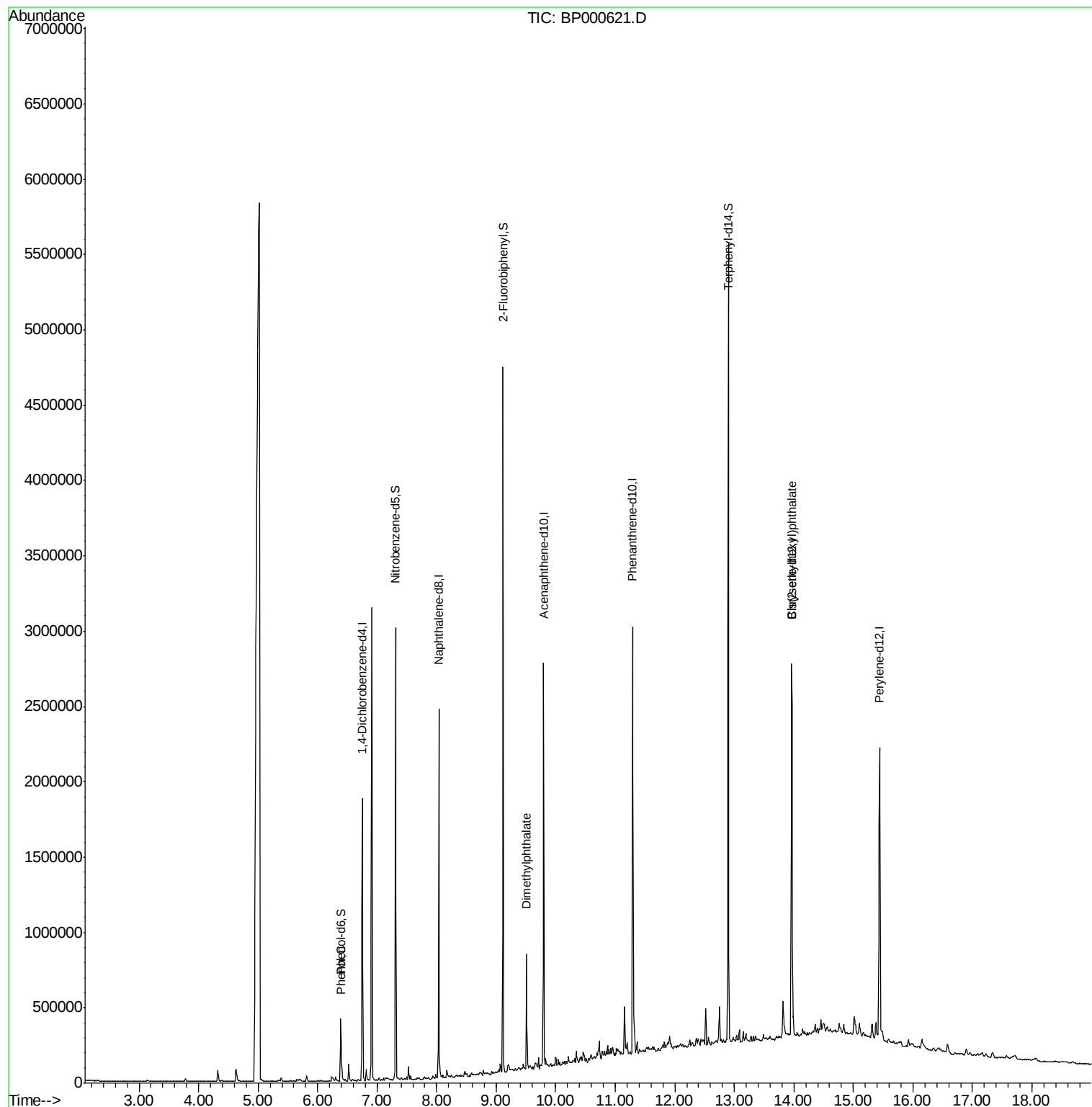
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.75  | 152  | 260625   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8             | 8.03  | 136  | 962348   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10           | 9.80  | 164  | 536278   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10           | 11.29 | 188  | 947842   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12               | 13.96 | 240  | 791589   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12               | 15.44 | 264  | 871125   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.39  | 112  | 10408    | 0.64  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.39  | 99   | 131256   | 6.72  | ng    | -0.02    |
| 23) Nitrobenzene-d5            | 7.31  | 82   | 857110   | 54.40 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol       | 10.59 | 330  | 1540     | 0.27  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl           | 9.12  | 172  | 1359736  | 41.02 | ng    | -0.02    |
| 79) Terphenyl-d14              | 12.90 | 244  | 1739465  | 44.49 | ng    | -0.02    |
| Target Compounds               |       |      |          |       |       |          |
| 10) Phenol                     | 6.40  | 94   | 60542    | 3.026 | ng    | 93       |
| 50) Dimethylphthalate          | 9.51  | 163  | 249466   | 6.695 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 73900    | 2.470 | ng    | 100      |

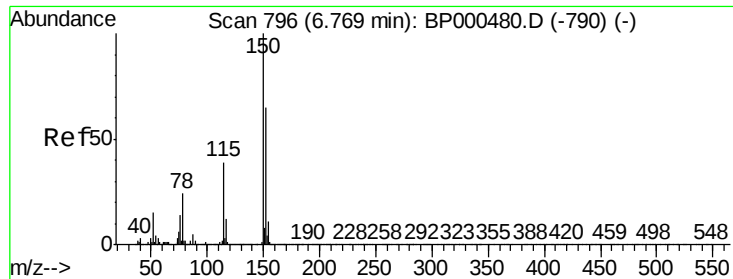
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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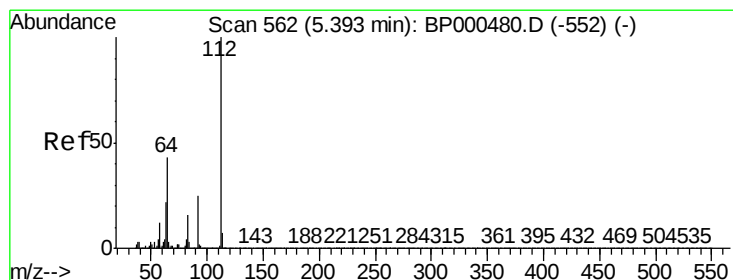
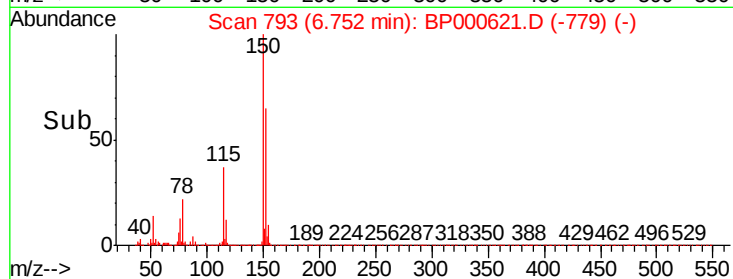
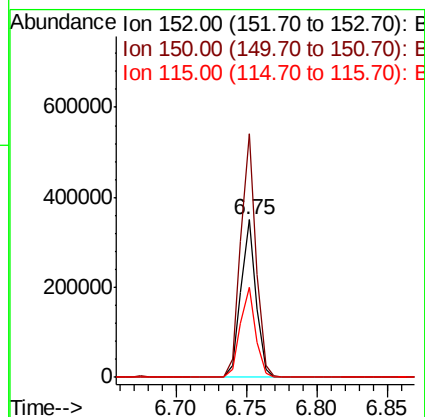
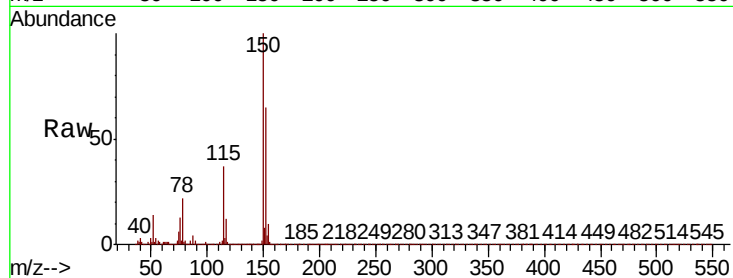


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.75 min Scan# 793  
Delta R.T. -0.02 min  
Lab File: BP000621.D  
Acq: 10 Oct 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
20190858-AMENDED-COMP-E

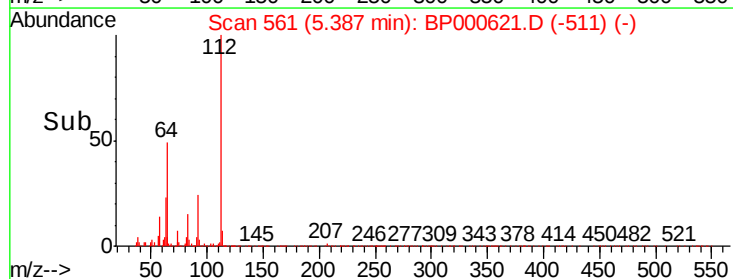
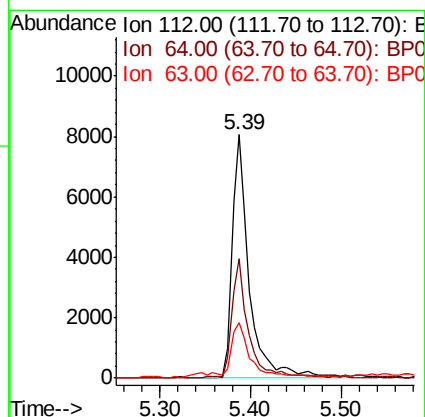
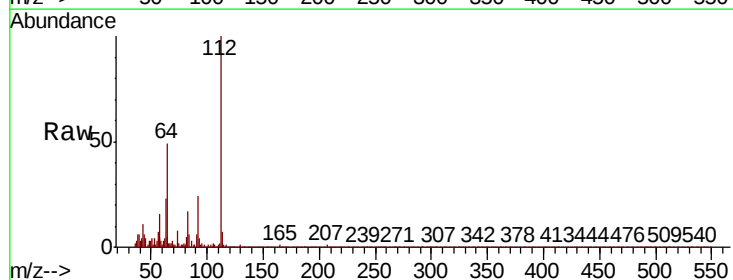
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.5 | 124.1 | 186.1 |
| 115     | 57.2  | 48.7  | 73.1  |

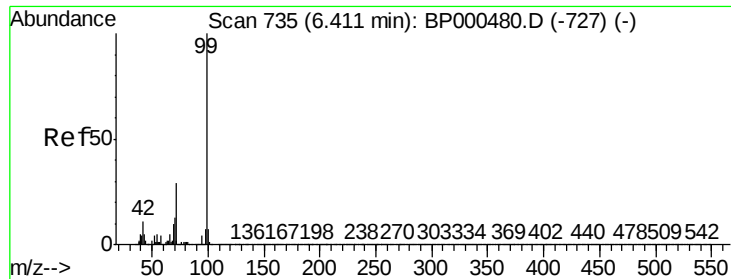


#5

2-Fluorophenol  
Concen: 0.642 ng  
RT: 5.39 min Scan# 561  
Delta R.T. -0.01 min  
Lab File: BP000621.D  
Acq: 10 Oct 2019 17:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 49.0  | 34.2  | 51.4  |
| 63      | 22.8  | 17.9  | 26.9  |





#7

Phenol-d6

Concen: 6.718 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000621.D

Acq: 10 Oct 2019 17:16

Instrument :

BNA\_P

ClientSampleId :

20190858-AMENDED-COMP-E

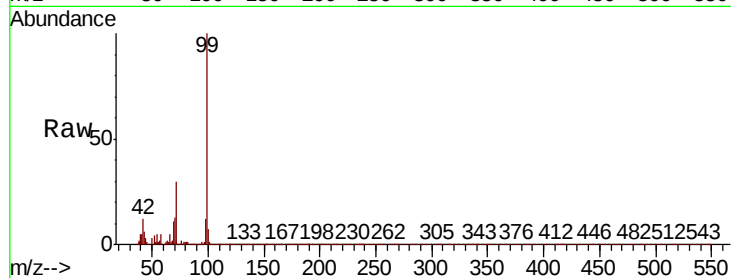
Tot Ion: 99 Resp: 131256

Ion Ratio Lower Upper

99 100

42 12.2 8.6 12.8

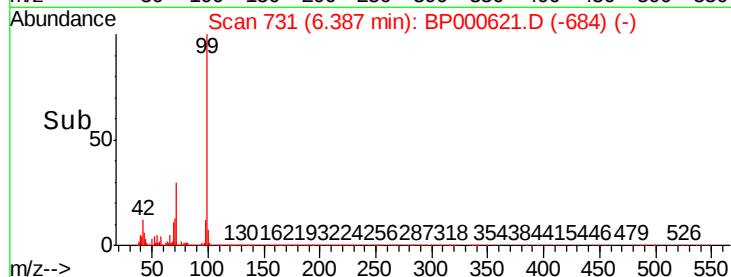
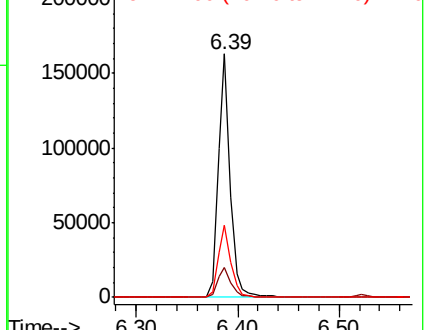
71 29.8 23.0 34.4



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: 3.026 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000621.D

Acq: 10 Oct 2019 17:16

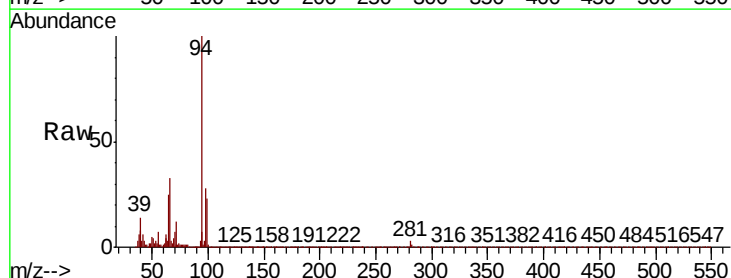
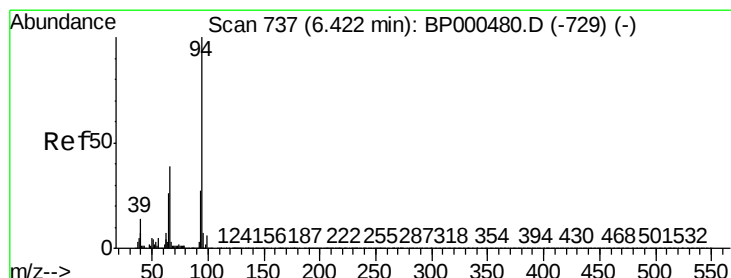
Tgt Ion: 94 Resp: 60542

Ion Ratio Lower Upper

94 100

65 24.8 5.9 45.9

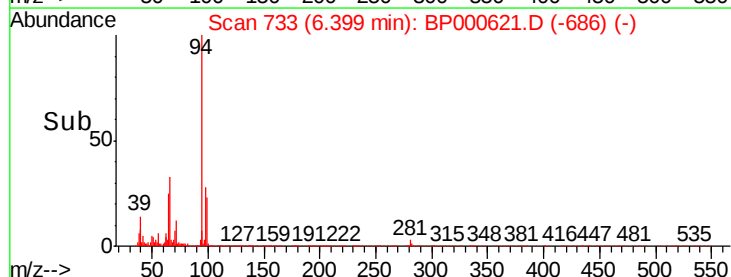
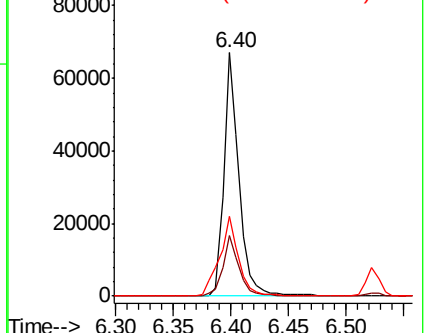
66 32.8 18.8 58.8

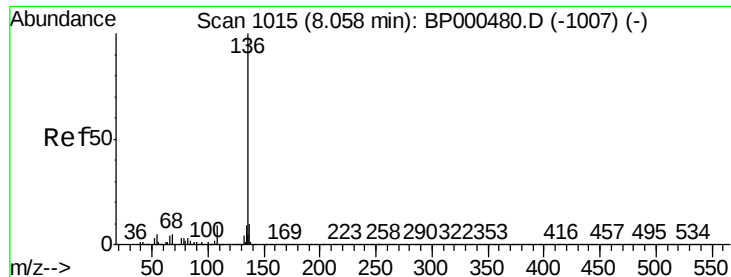


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

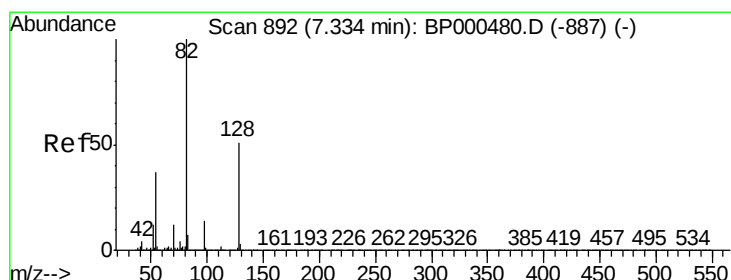
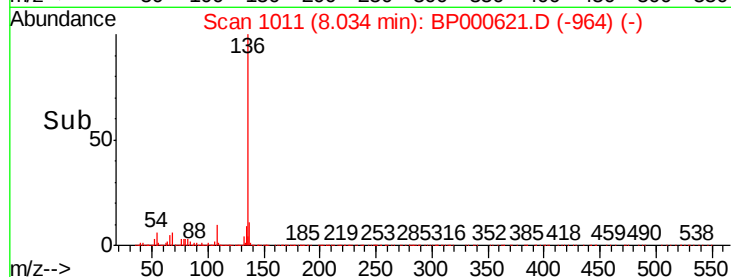
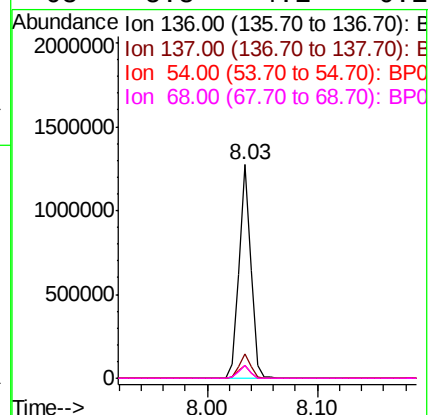
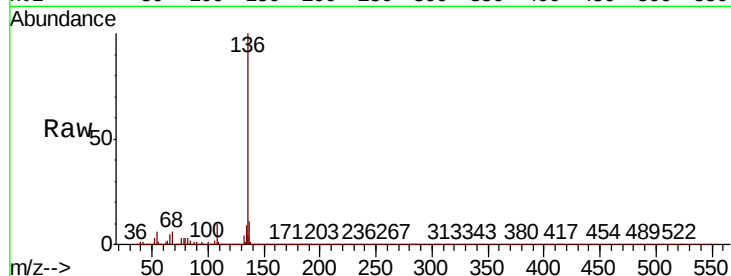




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. -0.02 min  
Lab File: BP000621.D  
Acq: 10 Oct 2019 17:16

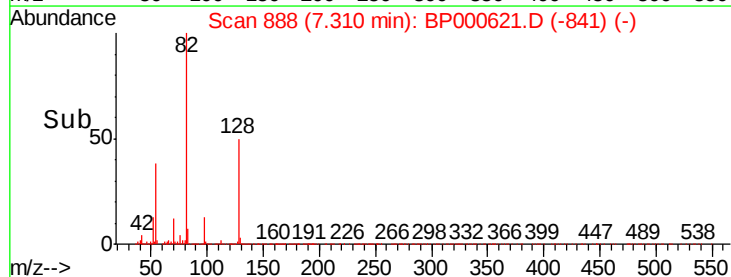
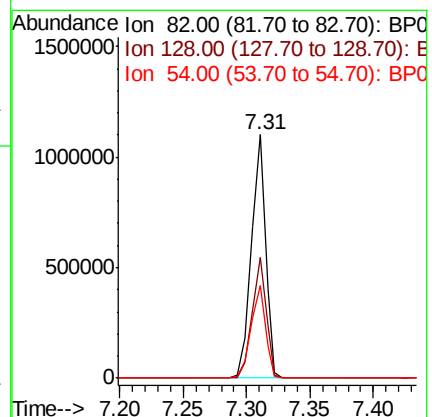
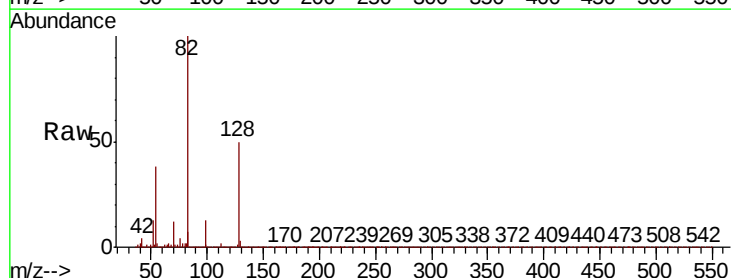
Instrument :  
BNA\_P  
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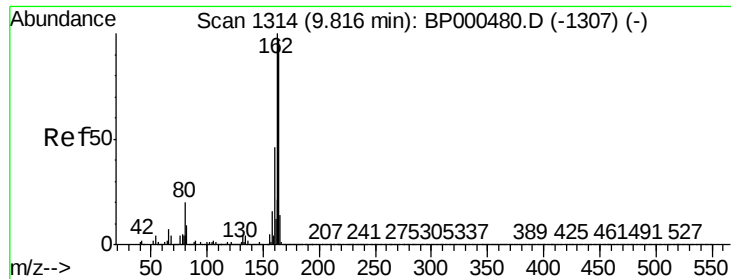
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 962348 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.1    | 8.2 12.4     |
| 54 5.8      | 4.1 6.1      |
| 68 5.8      | 4.1 6.1      |



#23  
Nitrobenzene-d5  
Concen: 54.396 ng  
RT: 7.31 min Scan# 888  
Delta R.T. -0.02 min  
Lab File: BP000621.D  
Acq: 10 Oct 2019 17:16

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 857110 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 49.6    | 40.9 61.3    |
| 54 37.8     | 29.4 44.2    |

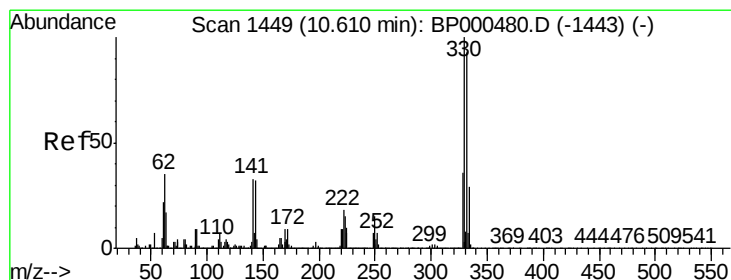
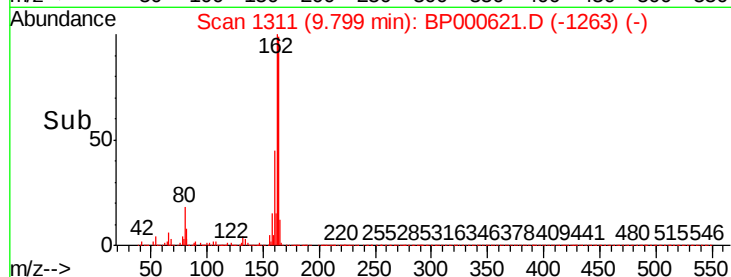
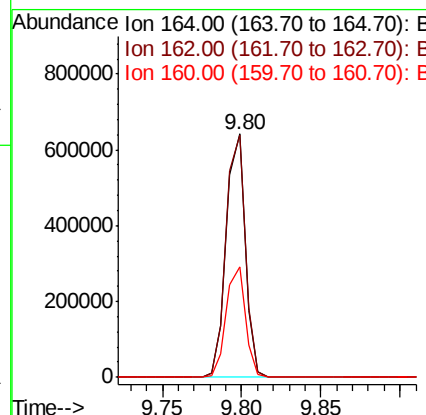
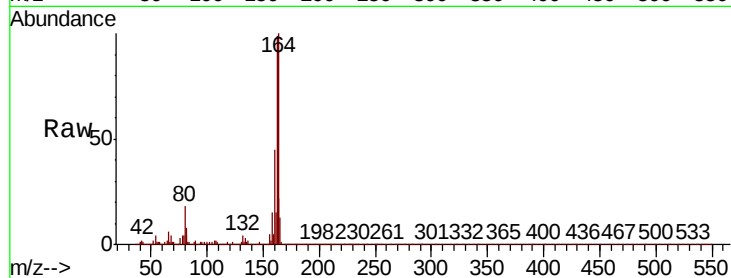




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.02 min  
Lab File: BP000621.D  
Acq: 10 Oct 2019 17:16

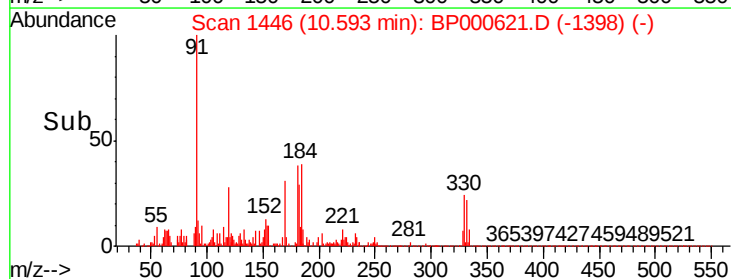
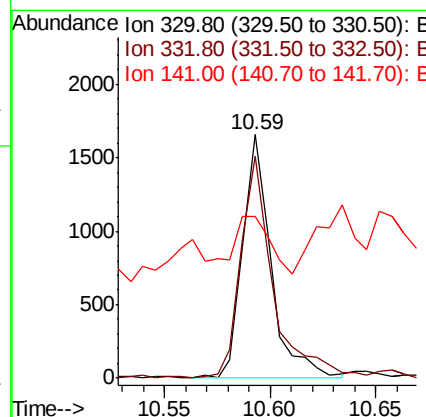
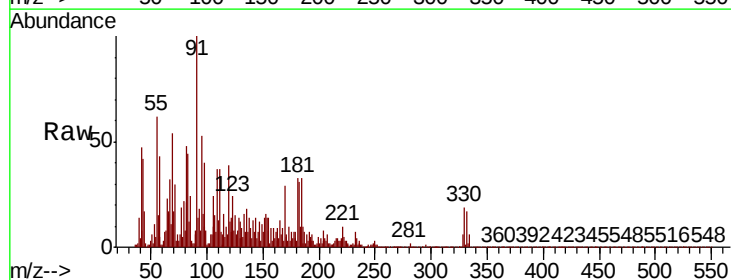
Instrument :  
BNA\_P  
ClientSampleId :  
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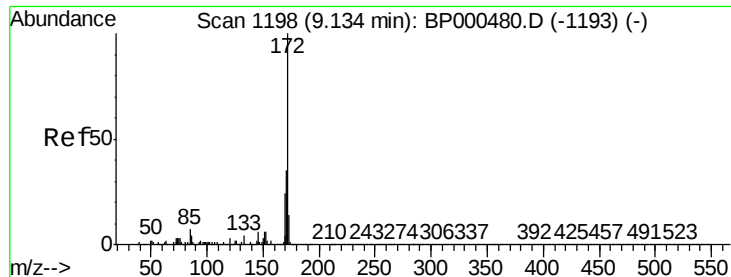
Tot Ion:164 Resp: 536278  
Ion Ratio Lower Upper  
164 100  
162 99.5 82.2 123.2  
160 45.2 37.6 56.4



#42  
2,4,6-Tribromophenol  
Concen: 0.269 ng  
RT: 10.59 min Scan# 1446  
Delta R.T. -0.02 min  
Lab File: BP000621.D  
Acq: 10 Oct 2019 17:16

Tgt Ion:330 Resp: 1540  
Ion Ratio Lower Upper  
330 100  
332 103.7 77.1 115.7  
141 25.8 26.0 39.0#

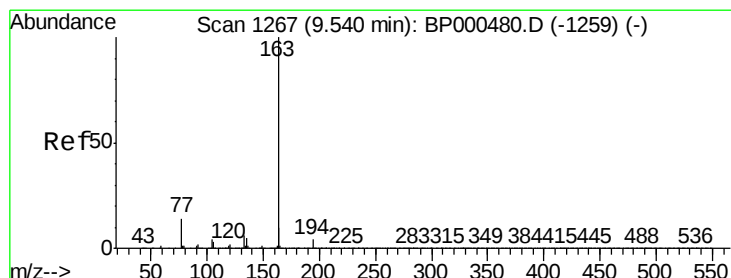
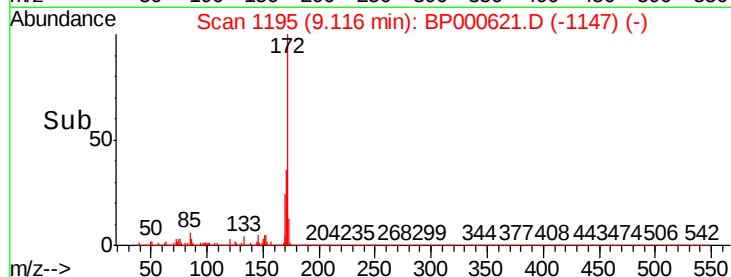
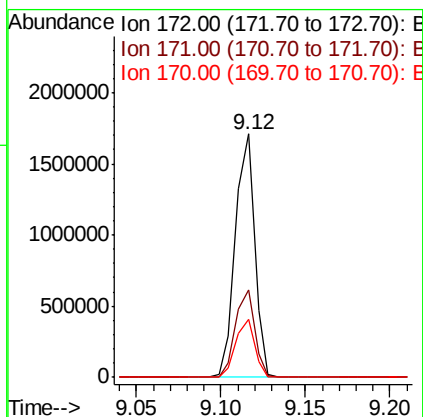
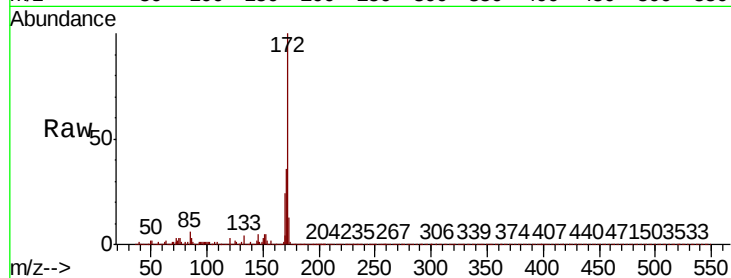




#45  
2-Fluorobiphenyl  
Concen: 41.024 ng  
RT: 9.12 min Scan# 1195  
Delta R.T. -0.02 min  
Lab File: BP000621.D  
Acq: 10 Oct 2019 17:16

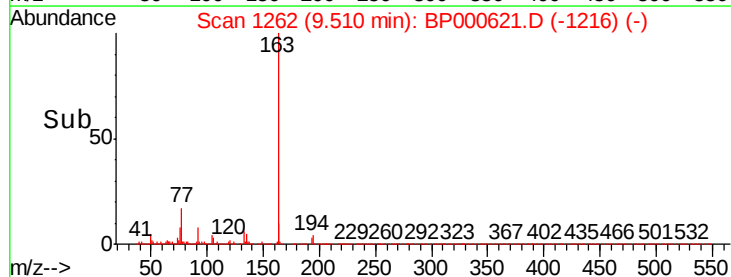
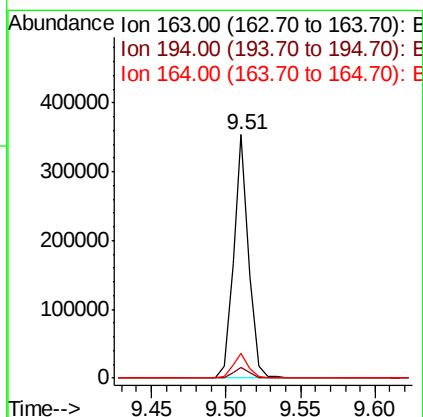
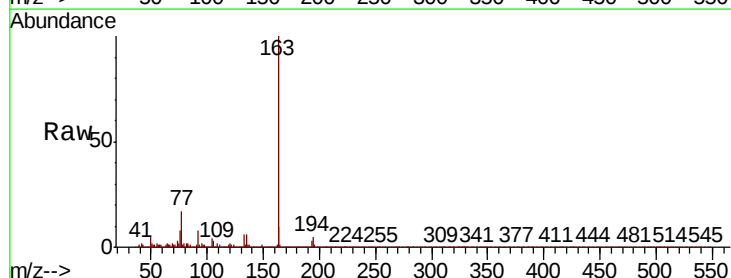
Instrument :  
BNA\_P  
ClientSampleId :  
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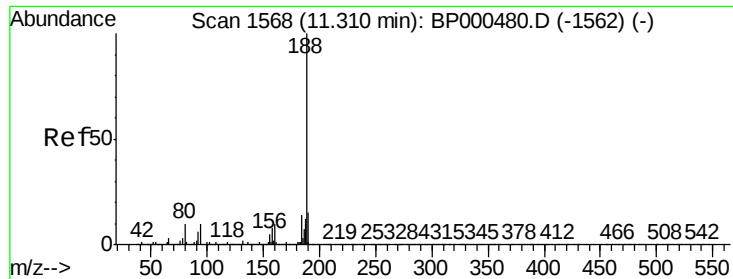
Tot Ion:172 Resp: 1359736  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.4 42.6  
170 23.9 19.1 28.7



#50  
Dimethylphthalate  
Concen: 6.695 ng  
RT: 9.51 min Scan# 1262  
Delta R.T. -0.03 min  
Lab File: BP000621.D  
Acq: 10 Oct 2019 17:16

Tgt Ion:163 Resp: 249466  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.4 5.2  
164 10.4 8.0 12.0

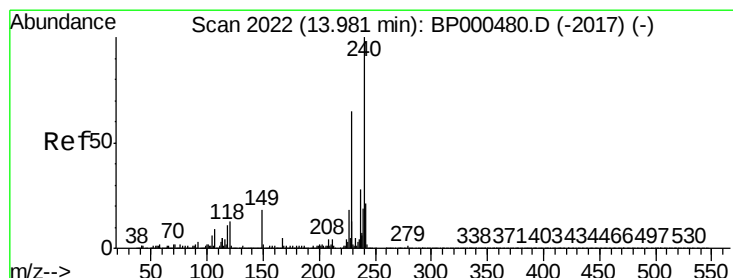
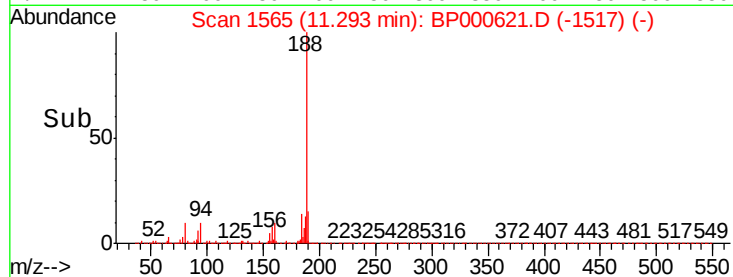
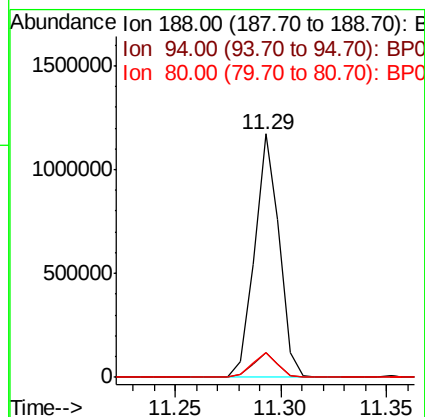
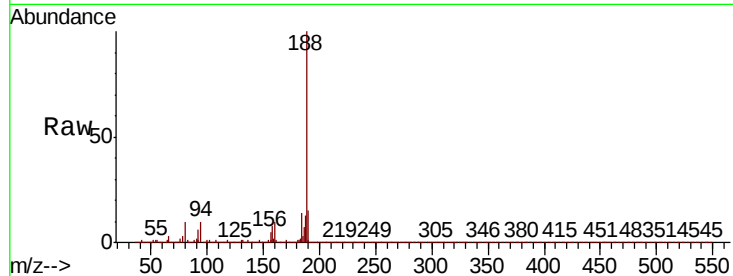




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.29 min Scan# 1565  
Delta R.T. -0.02 min  
Lab File: BP000621.D  
Acq: 10 Oct 2019 17:16

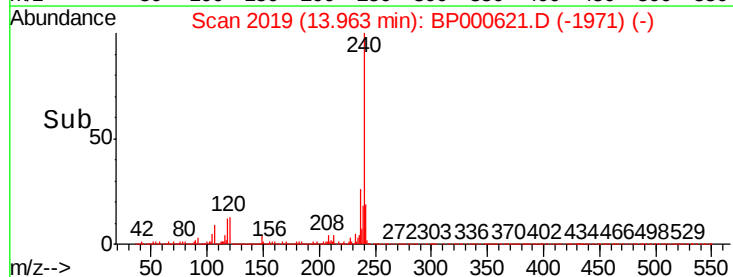
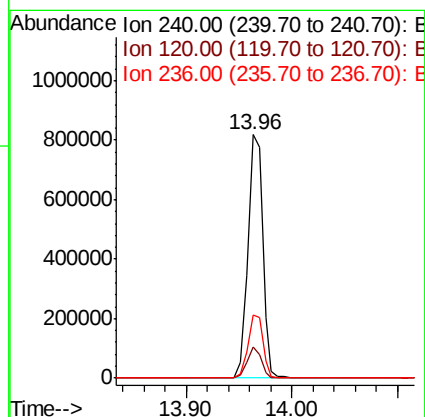
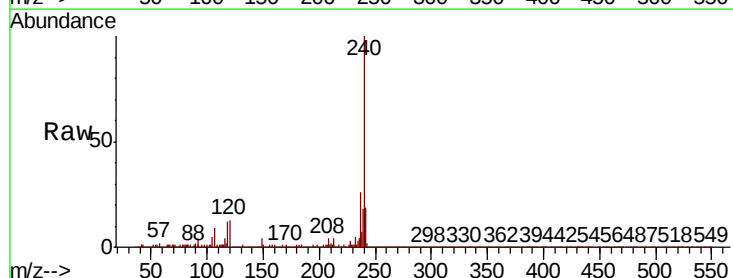
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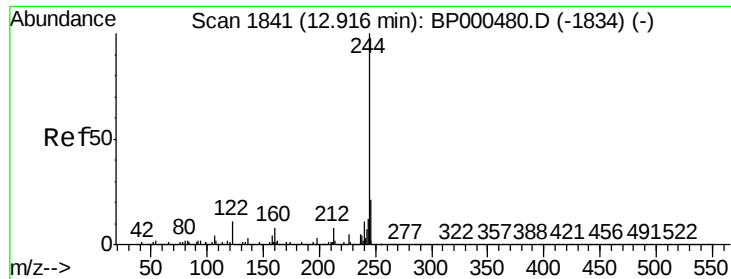
Tot Ion:188 Resp: 947842  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.2 12.2  
80 10.2 8.3 12.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.96 min Scan# 2019  
Delta R.T. -0.02 min  
Lab File: BP000621.D  
Acq: 10 Oct 2019 17:16

Tgt Ion:240 Resp: 791589  
Ion Ratio Lower Upper  
240 100  
120 13.1 10.1 15.1  
236 26.1 22.7 34.1

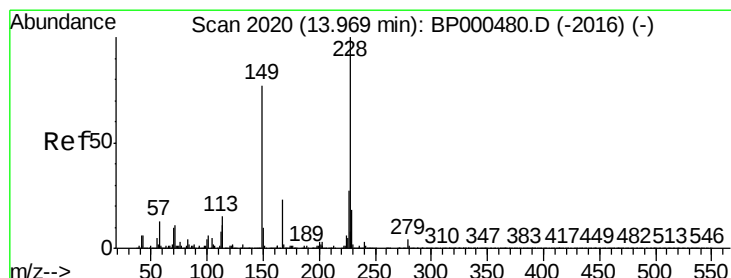
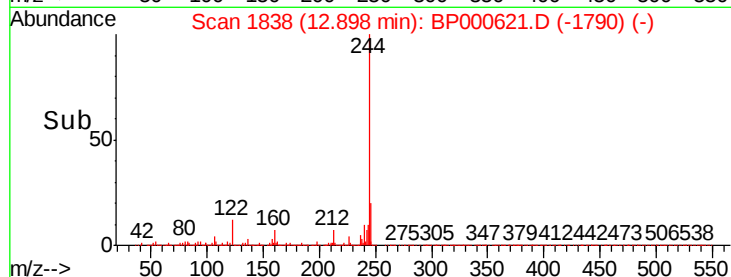
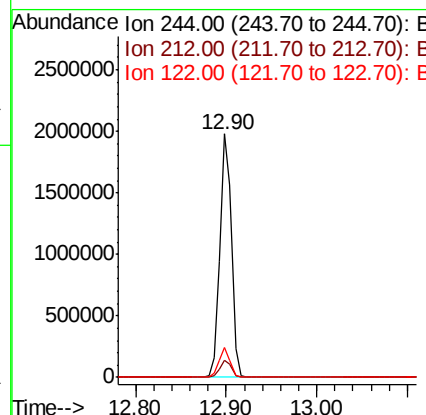
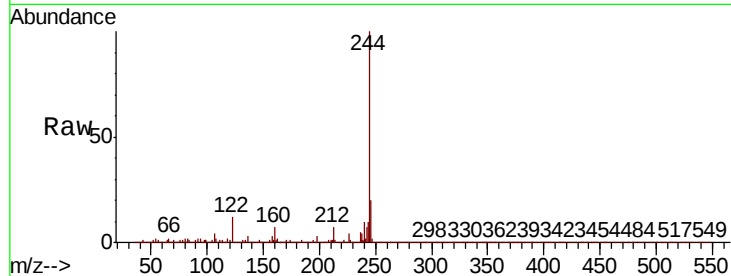




#79  
 Terphenyl-d14  
 Concen: 44.492 ng  
 RT: 12.90 min Scan# 1838  
 Delta R.T. -0.02 min  
 Lab File: BP000621.D  
 Acq: 10 Oct 2019 17:16

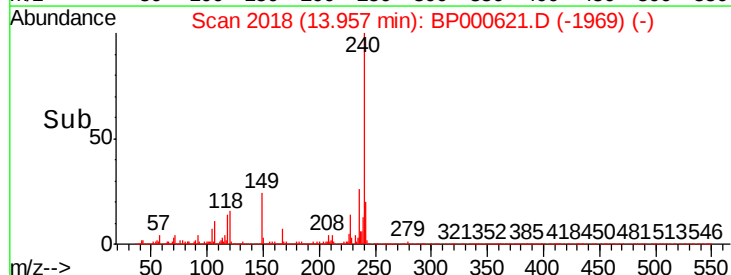
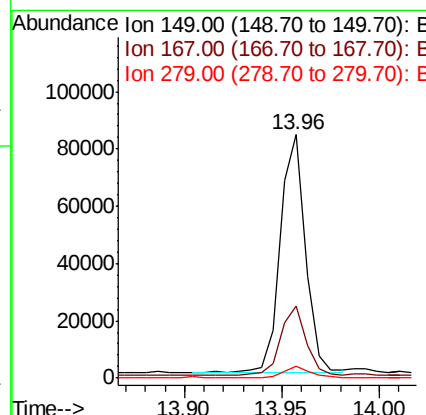
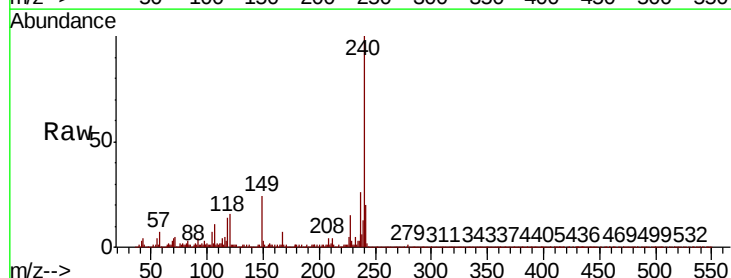
Instrument :  
 BNA\_P  
 ClientSampleId :  
 20190858-AMENDED-COMP-E

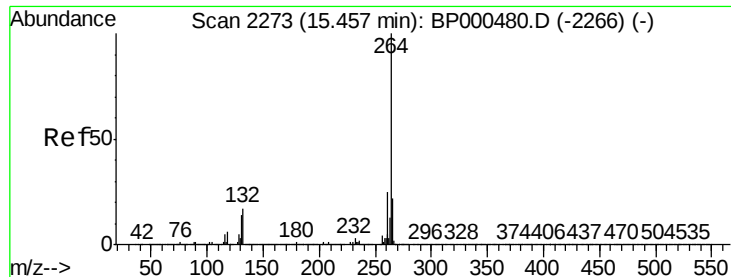
Tot Ion:244 Resp: 1739465  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.0 9.0  
 122 12.2 8.9 13.3



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.470 ng  
 RT: 13.96 min Scan# 2018  
 Delta R.T. -0.01 min  
 Lab File: BP000621.D  
 Acq: 10 Oct 2019 17:16

Tgt Ion:149 Resp: 73900  
 Ion Ratio Lower Upper  
 149 100  
 167 29.5 23.6 35.4  
 279 5.1 3.9 5.9

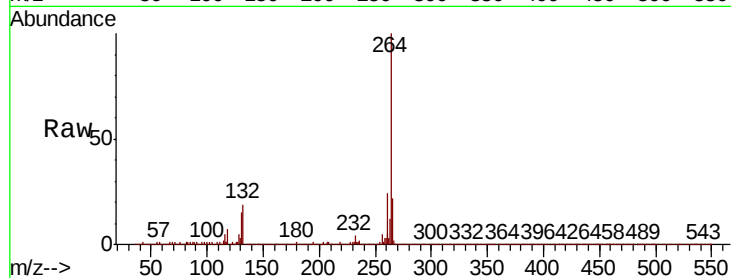




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.44 min Scan# 2270  
Delta R.T. -0.02 min  
Lab File: BP000621.D  
Acq: 10 Oct 2019 17:16

Instrument :  
BNA\_P  
ClientSampleId :  
20190858-AMENDED-COMP-E

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.5  | 20.3  | 30.5  |
| 265     | 22.3  | 18.0  | 27.0  |



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

