

Data File : BP001682.D  
Acq On : 24 Jan 2020 17:57  
Operator : CG/JU  
Sample : L1244-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CTY-WC-S-BC

Quant Time: Jan 25 03:54:32 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP010820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 24 22:23:46 2020  
Response via : Initial Calibration

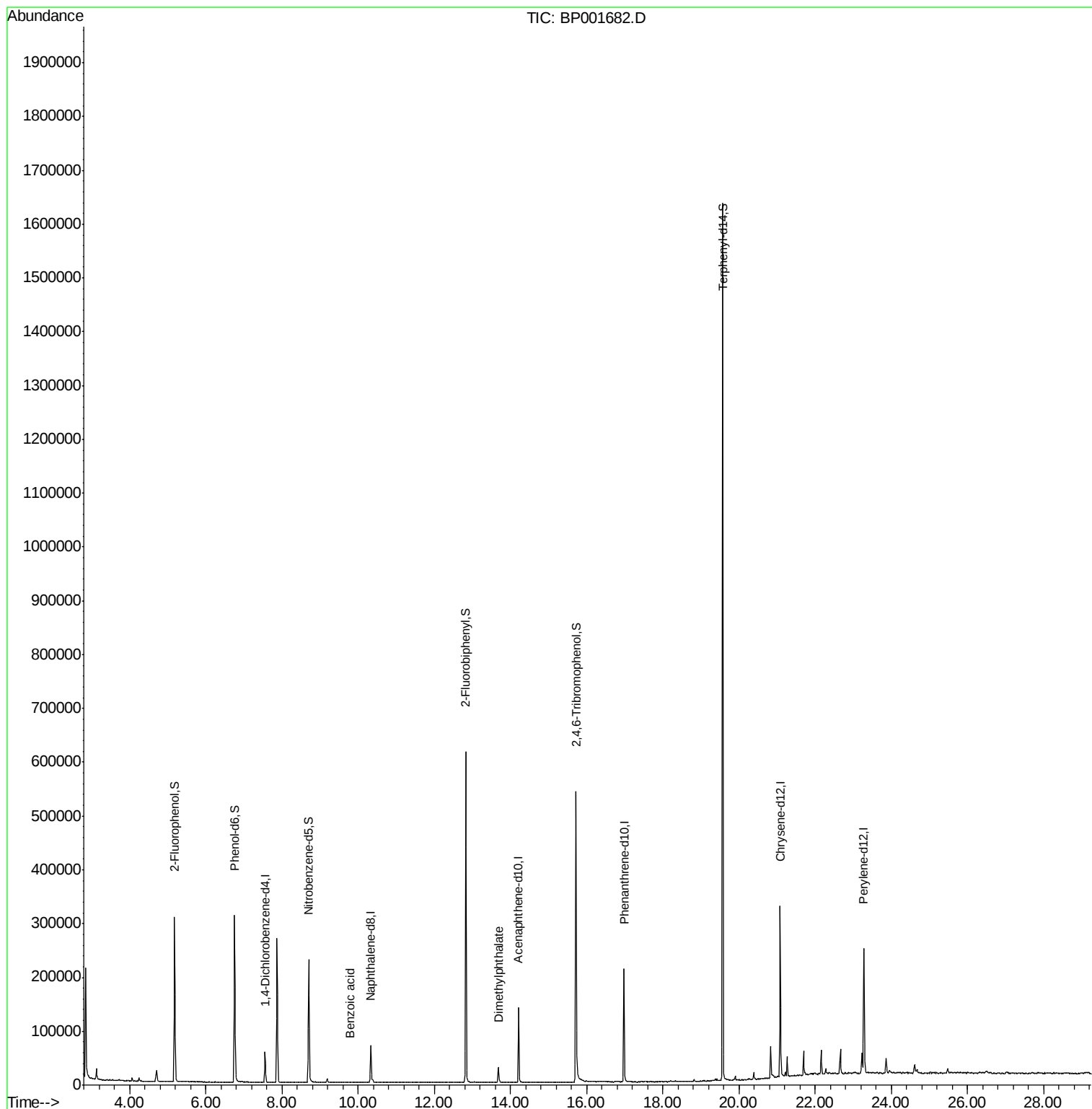
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.55  | 152  | 12082    | 20.00  | ng    | -0.01       |
| 21) Naphthalene-d8          | 10.33 | 136  | 51532    | 20.00  | ng    | -0.01       |
| 39) Acenaphthene-d10        | 14.21 | 164  | 43129    | 20.00  | ng    | -0.01       |
| 64) Phenanthrene-d10        | 16.97 | 188  | 119711   | 20.00  | ng    | -0.01       |
| 76) Chrysene-d12            | 21.08 | 240  | 136625   | 20.00  | ng    | -0.01       |
| 87) Perylene-d12            | 23.27 | 264  | 167969   | 20.00  | ng    | -0.02       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.18  | 112  | 100638   | 163.17 | ng    | 0.00        |
| 7) Phenol-d6                | 6.75  | 99   | 132849   | 134.77 | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 8.70  | 82   | 119573   | 101.39 | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol    | 15.72 | 330  | 89259    | 135.96 | ng    | -0.01       |
| 45) 2-Fluorobiphenyl        | 12.83 | 172  | 293438   | 100.03 | ng    | -0.01       |
| 79) Terphenyl-d14           | 19.57 | 244  | 735091   | 98.41  | ng    | -0.01       |
| Target Compounds            |       |      |          |        |       |             |
| 32) Benzoic acid            | 9.80  | 122  | 29       | 4.746  | ng    | Qvalue # 70 |
| 50) Dimethylphthalate       | 13.68 | 163  | 18683    | 5.259  | ng    | 98          |

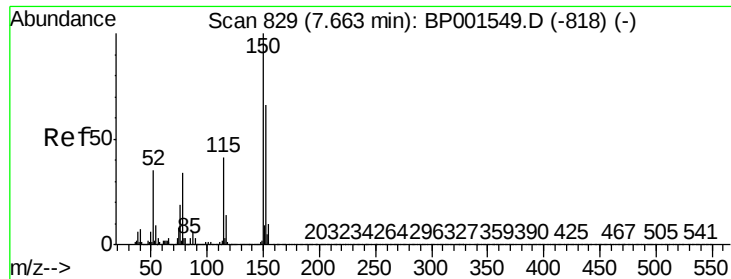
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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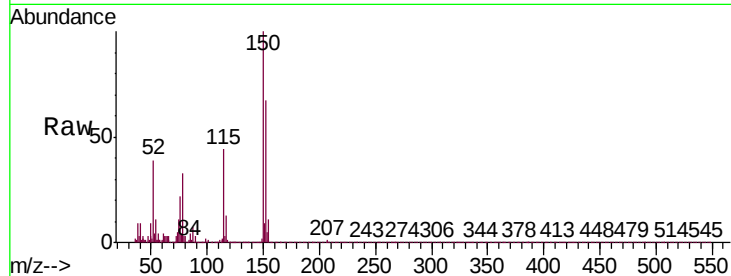


#1

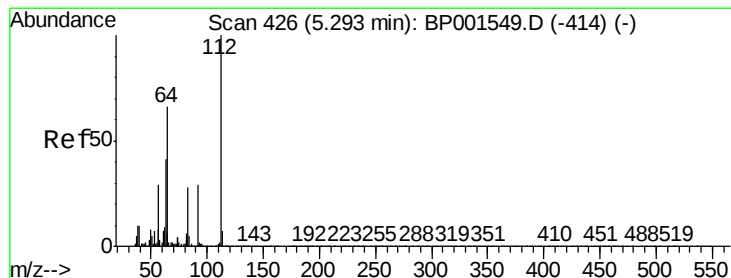
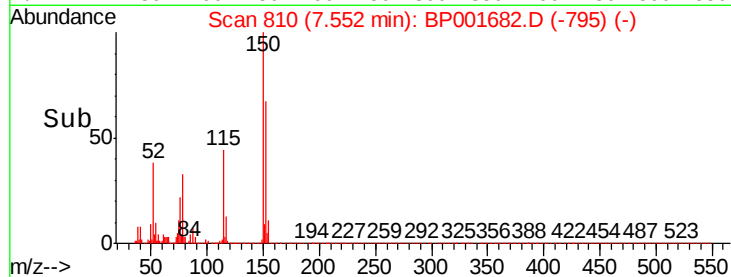
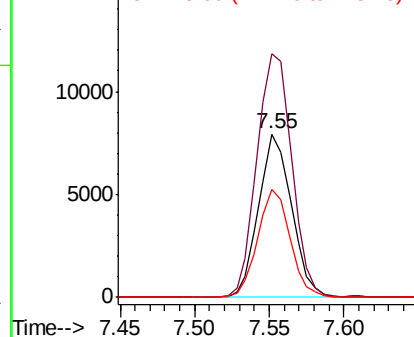
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.55 min Scan# 810  
Delta R.T. -0.01 min  
Lab File: BP001682.D  
Acq: 24 Jan 2020 17:57

Instrument :  
BNA\_P  
ClientSampleId :  
CTY-WC-S-BC

Tgt Ion:152 Resp: 12082  
Ion Ratio Lower Upper  
152 100  
150 149.0 122.0 183.0  
115 65.7 50.7 76.1



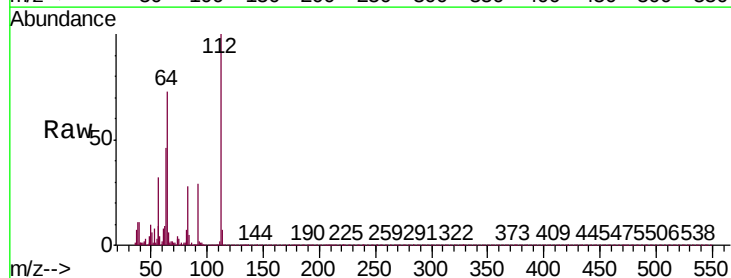
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



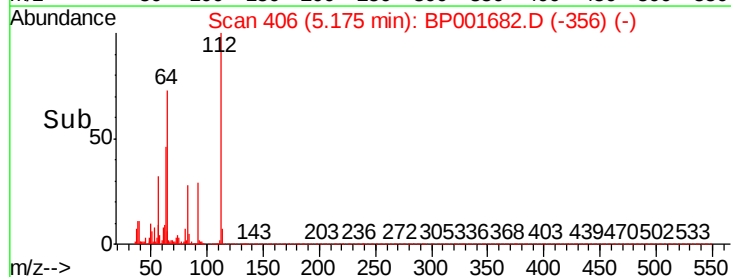
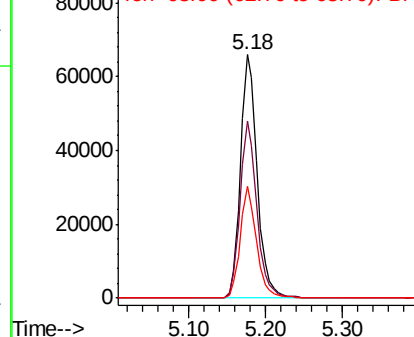
#5

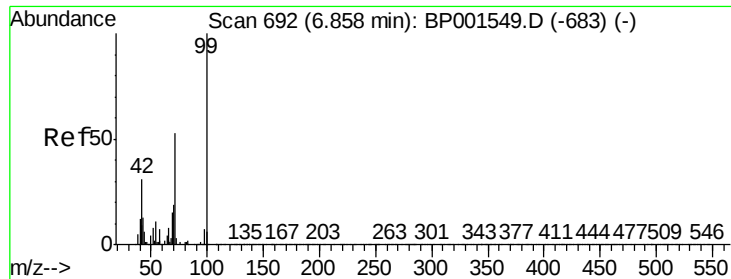
2-Fluorophenol  
Concen: 163.168 ng  
RT: 5.18 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: BP001682.D  
Acq: 24 Jan 2020 17:57

Tgt Ion:112 Resp: 100638  
Ion Ratio Lower Upper  
112 100  
64 72.7 52.8 79.2  
63 45.8 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BP0  
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 134.773 ng

RT: 6.75 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP001682.D

Acq: 24 Jan 2020 17:57

Instrument :

BNA\_P

ClientSampled :

CTY-WC-S-BC

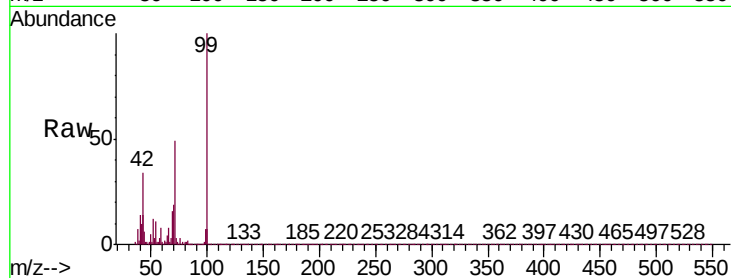
Tgt Ion: 99 Resp: 132849

Ion Ratio Lower Upper

99 100

42 33.5 24.5 36.7

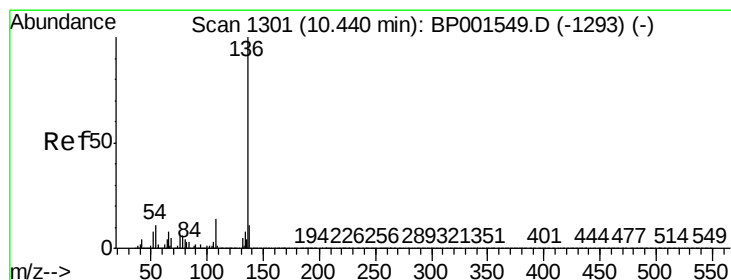
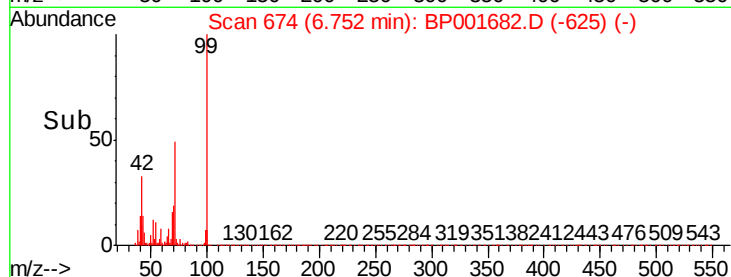
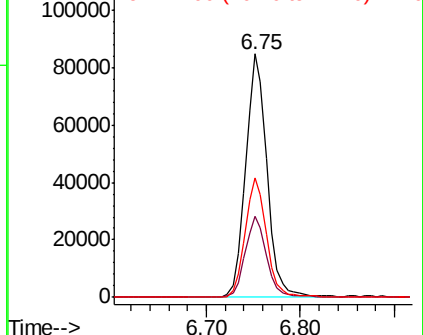
71 49.1 42.4 63.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP001682.D

Acq: 24 Jan 2020 17:57

Tgt Ion: 136 Resp: 51532

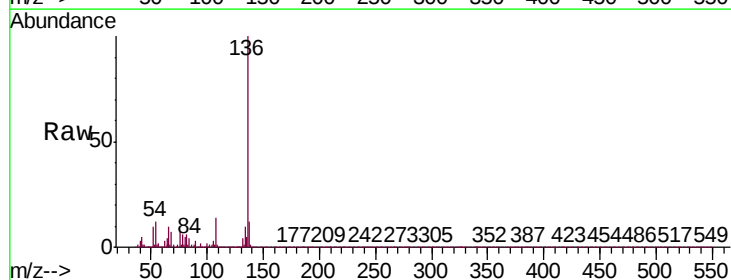
Ion Ratio Lower Upper

136 100

137 12.1 8.6 12.8

54 11.9 9.2 13.8

68 7.2 4.1 6.1#

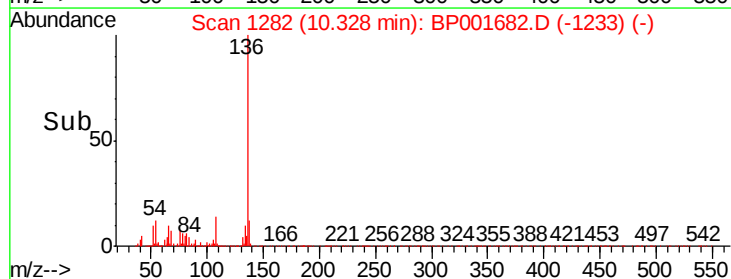
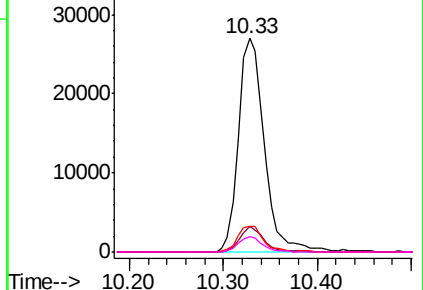


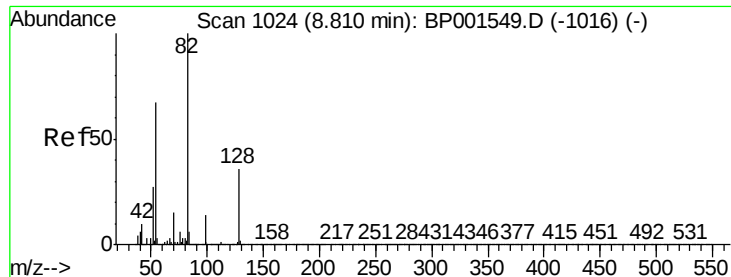
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

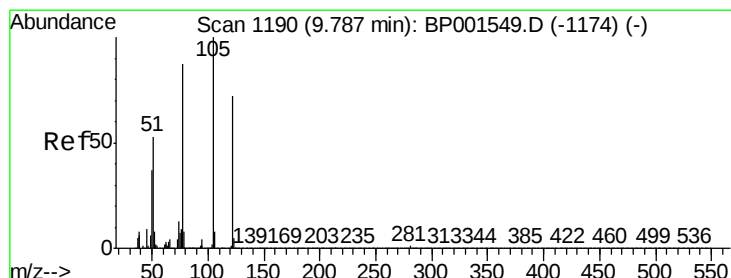
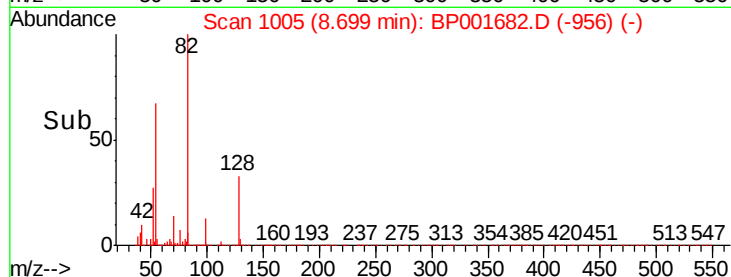
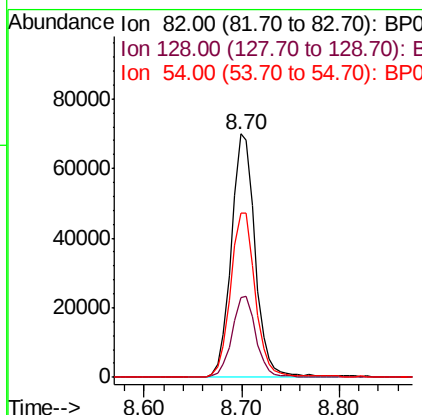
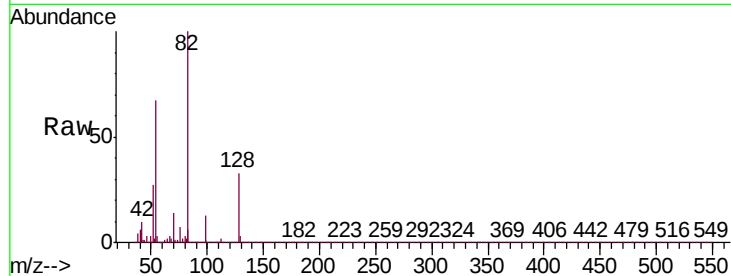




#23  
 Nitrobenzene-d5  
 Concen: 101.394 ng  
 RT: 8.70 min Scan# 1005  
 Delta R.T. -0.01 min  
 Lab File: BP001682.D  
 Acq: 24 Jan 2020 17:57

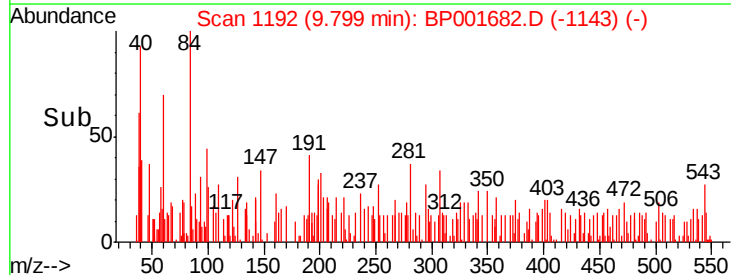
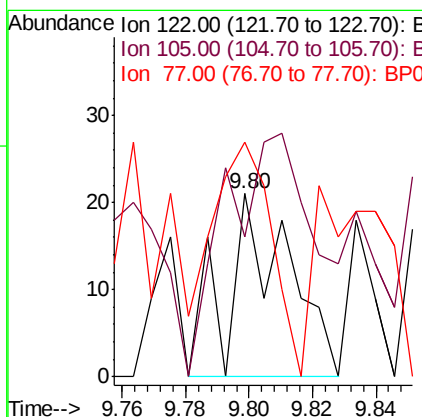
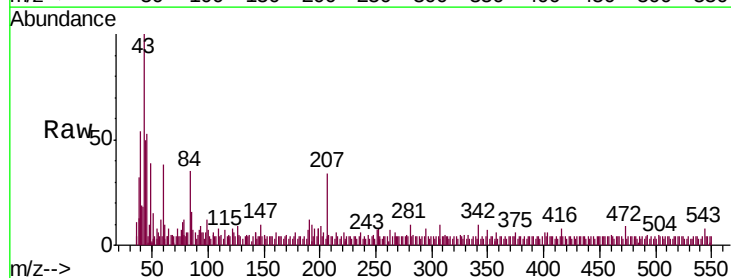
Instrument :  
 BNA\_P  
 ClientSampleId :  
 CTY-WC-S-BC

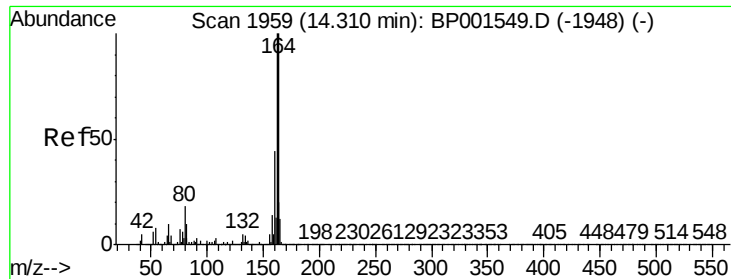
Tgt Ion: 82 Resp: 119573  
 Ion Ratio Lower Upper  
 82 100  
 128 32.7 28.4 42.6  
 54 67.4 53.4 80.2



#32  
 Benzoic acid  
 Concen: 4.746 ng  
 RT: 9.80 min Scan# 1192  
 Delta R.T. -0.01 min  
 Lab File: BP001682.D  
 Acq: 24 Jan 2020 17:57

Tgt Ion: 122 Resp: 29  
 Ion Ratio Lower Upper  
 122 100  
 105 76.2 119.5 159.5#  
 77 128.6 102.8 142.8

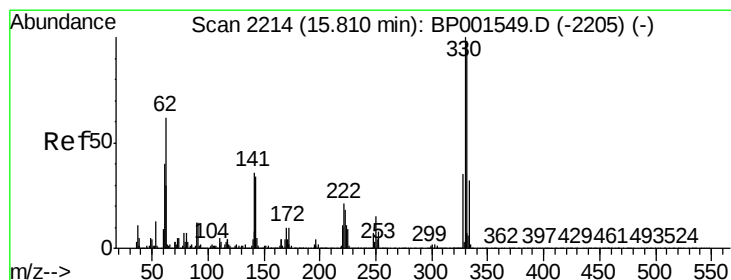
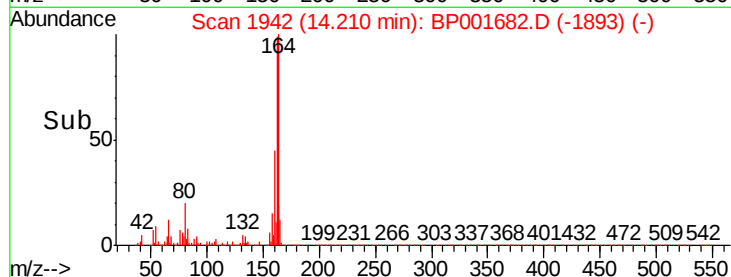
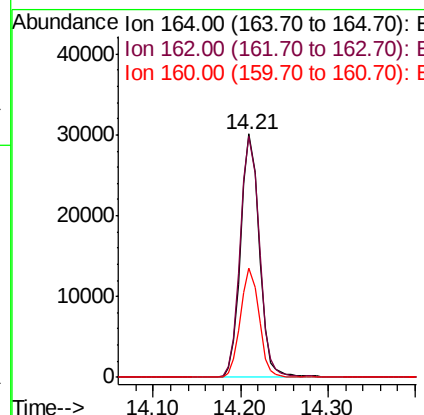
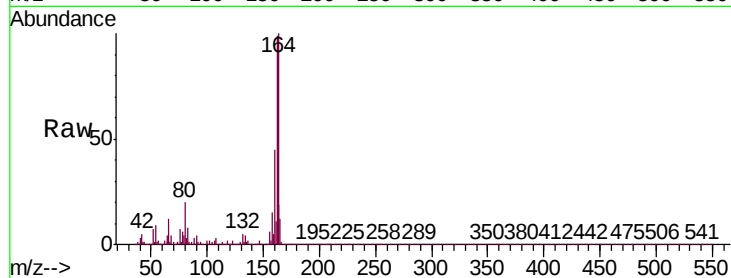




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.21 min Scan# 1942  
Delta R.T. -0.01 min  
Lab File: BP001682.D  
Acq: 24 Jan 2020 17:57

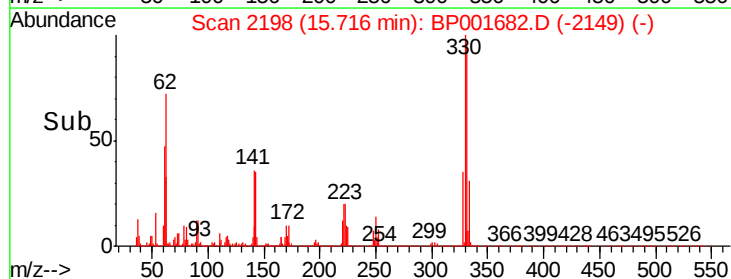
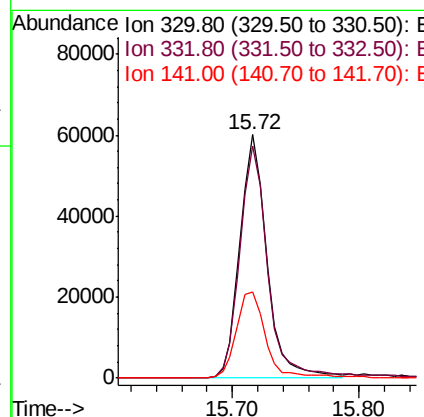
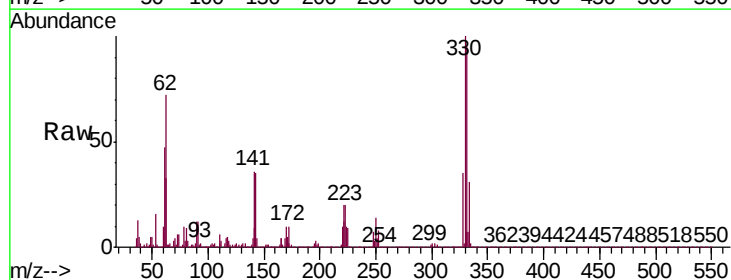
Instrument :  
BNA\_P  
ClientSampleId :  
CTY-WC-S-BC

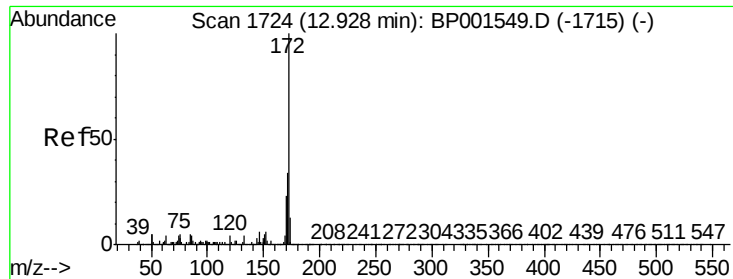
Tgt Ion:164 Resp: 43129  
Ion Ratio Lower Upper  
164 100  
162 99.0 79.8 119.6  
160 44.7 35.0 52.6



#42  
2,4,6-Tribromophenol  
Concen: 135.960 ng  
RT: 15.72 min Scan# 2198  
Delta R.T. -0.01 min  
Lab File: BP001682.D  
Acq: 24 Jan 2020 17:57

Tgt Ion:330 Resp: 89259  
Ion Ratio Lower Upper  
330 100  
332 98.4 77.8 116.6  
141 38.8 28.7 43.1

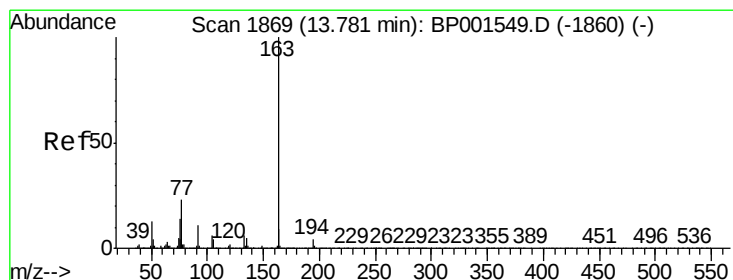
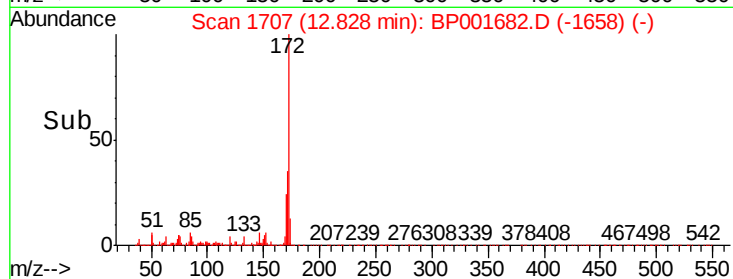
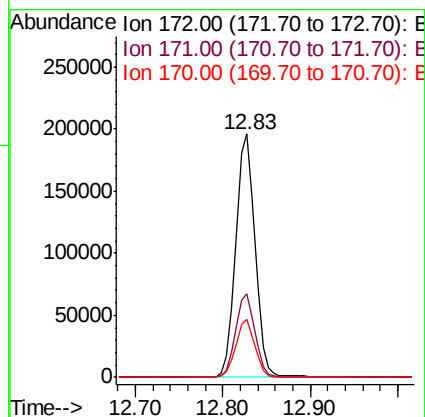
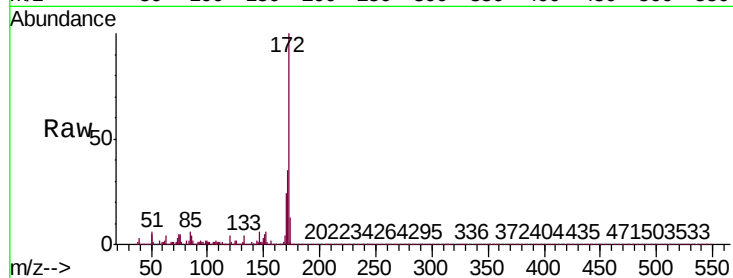




#45  
2-Fluorobiphenyl  
Concen: 100.033 ng  
RT: 12.83 min Scan# 1707  
Delta R.T. -0.01 min  
Lab File: BP001682.D  
Acq: 24 Jan 2020 17:57

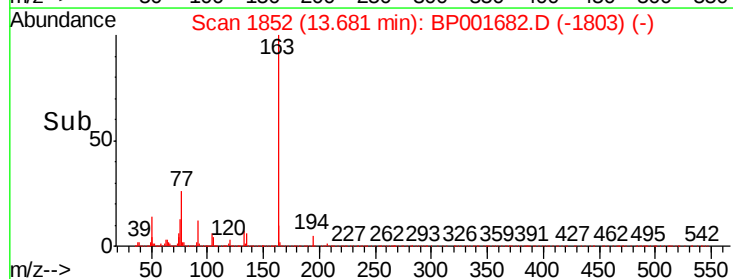
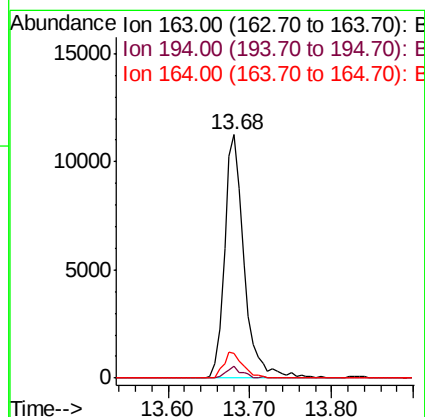
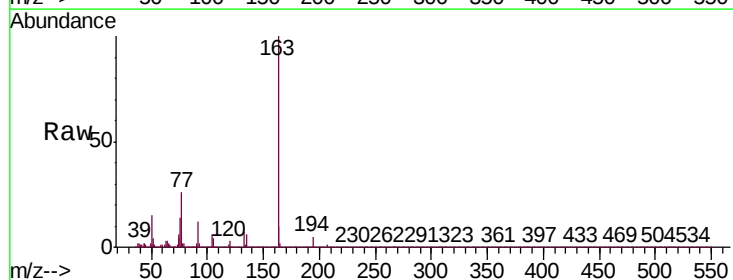
Instrument :  
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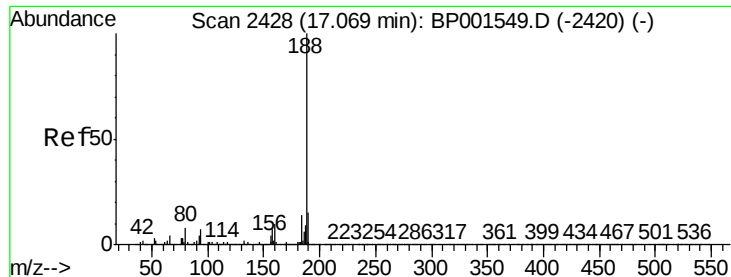
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 293438 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 34.6  | 27.6  | 41.4   |
| 170      | 23.7  | 18.3  | 27.5   |



#50  
Dimethylphthalate  
Concen: 5.259 ng  
RT: 13.68 min Scan# 1852  
Delta R.T. -0.01 min  
Lab File: BP001682.D  
Acq: 24 Jan 2020 17:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 163   | Resp: | 18683 |
| Ion      | Ratio | Lower | Upper |
| 163      | 100   |       |       |
| 194      | 5.1   | 3.6   | 5.4   |
| 164      | 10.2  | 7.5   | 11.3  |

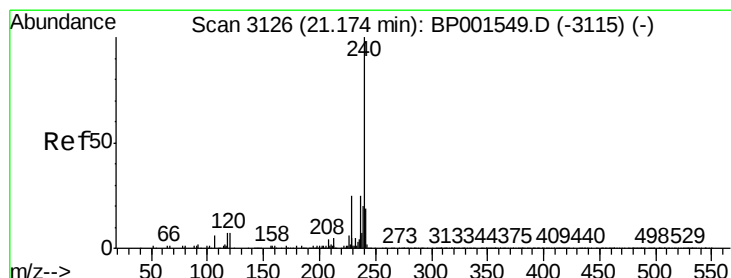
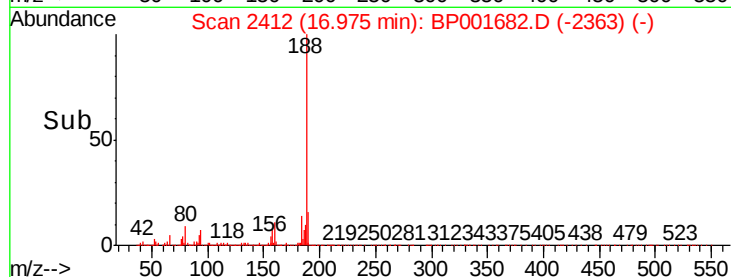
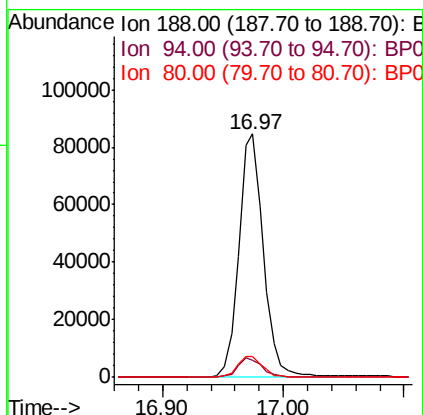
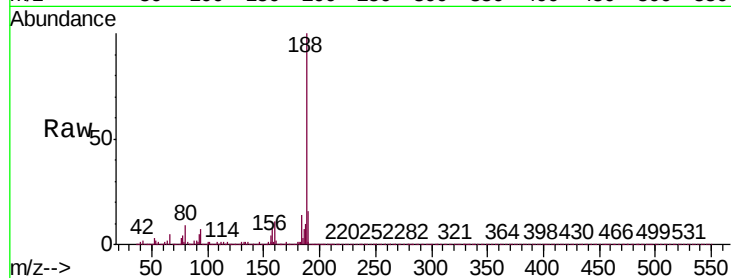




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.97 min Scan# 2412  
Delta R.T. -0.01 min  
Lab File: BP001682.D  
Acq: 24 Jan 2020 17:57

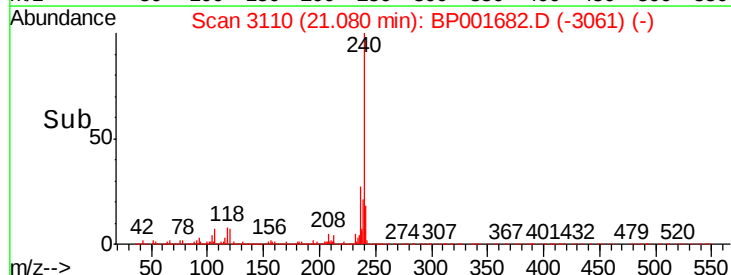
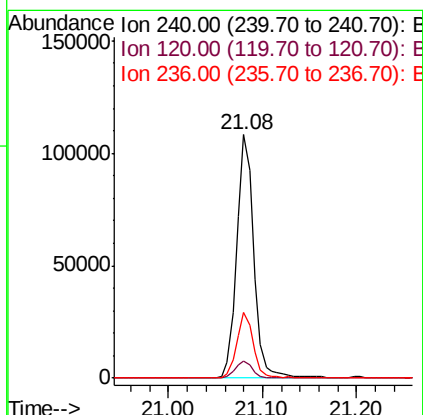
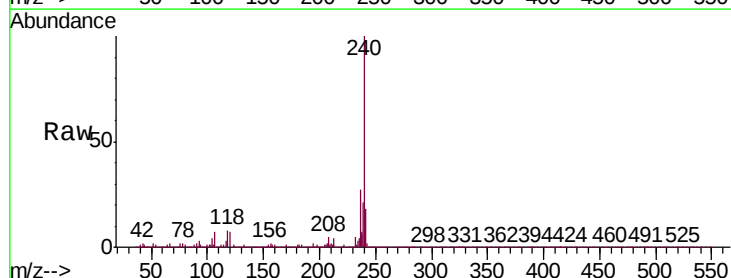
Instrument :  
BNA\_P  
ClientSampleId :  
CTY-WC-S-BC

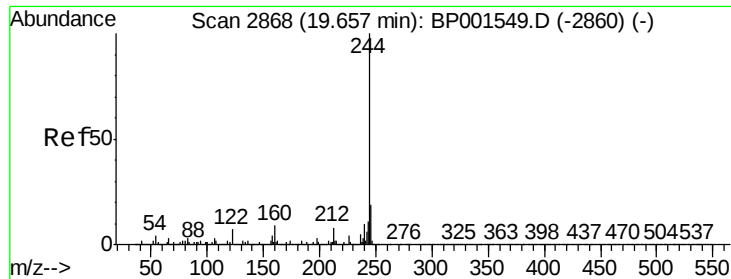
Tgt Ion:188 Resp: 119711  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.9 8.9  
80 8.8 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.08 min Scan# 3110  
Delta R.T. -0.01 min  
Lab File: BP001682.D  
Acq: 24 Jan 2020 17:57

Tgt Ion:240 Resp: 136625  
Ion Ratio Lower Upper  
240 100  
120 7.2 5.7 8.5  
236 26.7 20.4 30.6





#79

Terphenyl-d14

Concen: 98.408 ng

RT: 19.57 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BP001682.D

Acq: 24 Jan 2020 17:57

Instrument :

BNA\_P

ClientSampleId :

CTY-WC-S-BC

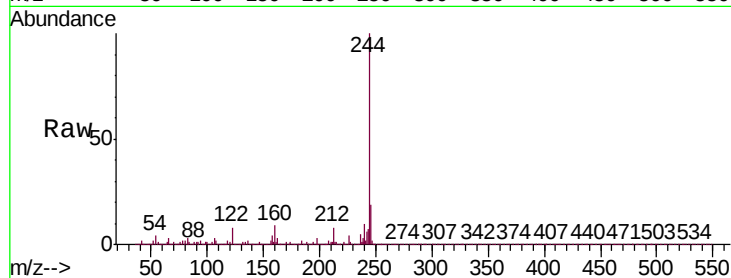
Tgt Ion:244 Resp: 735091

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

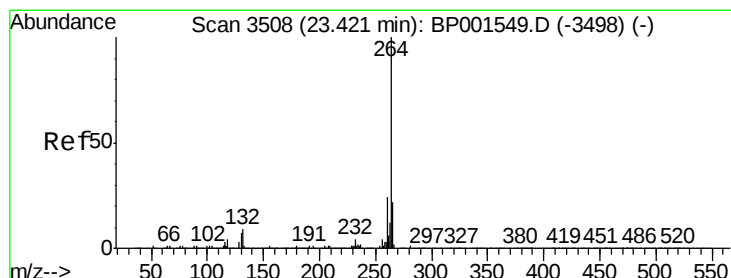
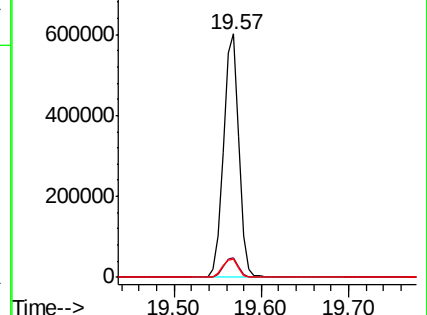
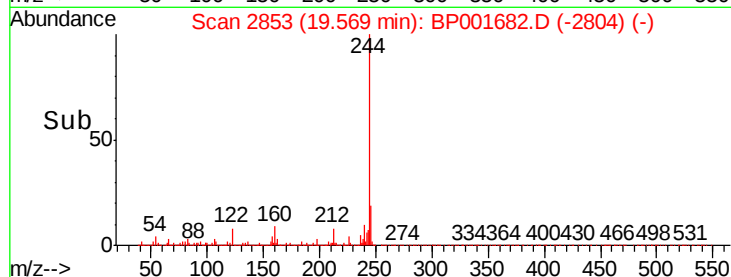
122 7.7 5.8 8.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.27 min Scan# 3483

Delta R.T. -0.02 min

Lab File: BP001682.D

Acq: 24 Jan 2020 17:57

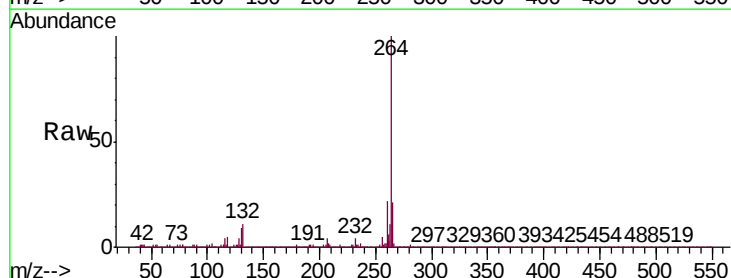
Tgt Ion:264 Resp: 167969

Ion Ratio Lower Upper

264 100

260 22.2 19.0 28.6

265 21.3 18.2 27.4



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

