

Data File : BP001675.D  
Acq On : 21 Jan 2020 18:20  
Operator : CG/JU  
Sample : L1175-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
5-SAR-001-003-01

Quant Time: Jan 22 03:35:10 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP010820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 14 21:52:04 2020  
Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.59  | 152  | 15521    | 20.00  | ng    | -0.05    |
| 21) Naphthalene-d8          | 10.37 | 136  | 64123    | 20.00  | ng    | -0.05    |
| 39) Acenaphthene-d10        | 14.25 | 164  | 54372    | 20.00  | ng    | -0.04    |
| 64) Phenanthrene-d10        | 17.00 | 188  | 146245   | 20.00  | ng    | -0.05    |
| 76) Chrysene-d12            | 21.11 | 240  | 157662   | 20.00  | ng    | -0.05    |
| 87) Perylene-d12            | 23.32 | 264  | 170064   | 20.00  | ng    | -0.07    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.22  | 112  | 133689   | 168.73 | ng    | -0.05    |
| 7) Phenol-d6                | 6.79  | 99   | 194796   | 153.83 | ng    | -0.04    |
| 23) Nitrobenzene-d5         | 8.74  | 82   | 149491   | 101.87 | ng    | -0.05    |
| 42) 2,4,6-Tribromophenol    | 15.75 | 330  | 120627   | 145.75 | ng    | -0.04    |
| 45) 2-Fluorobiphenyl        | 12.86 | 172  | 363811   | 98.38  | ng    | -0.04    |
| 79) Terphenyl-d14           | 19.60 | 244  | 902055   | 104.65 | ng    | -0.04    |
| Target Compounds            |       |      |          |        |       |          |
| 15) Benzyl Alcohol          | 7.91  | 79   | 2717     | 2.278  | ng    | # 57     |
| 32) Benzoic acid            | 9.71  | 122  | 20       | 4.727  | ng    | # 55     |
| 50) Dimethylphthalate       | 13.72 | 163  | 17416    | 3.889  | ng    | 99       |

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

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5-SAR-001-003-01

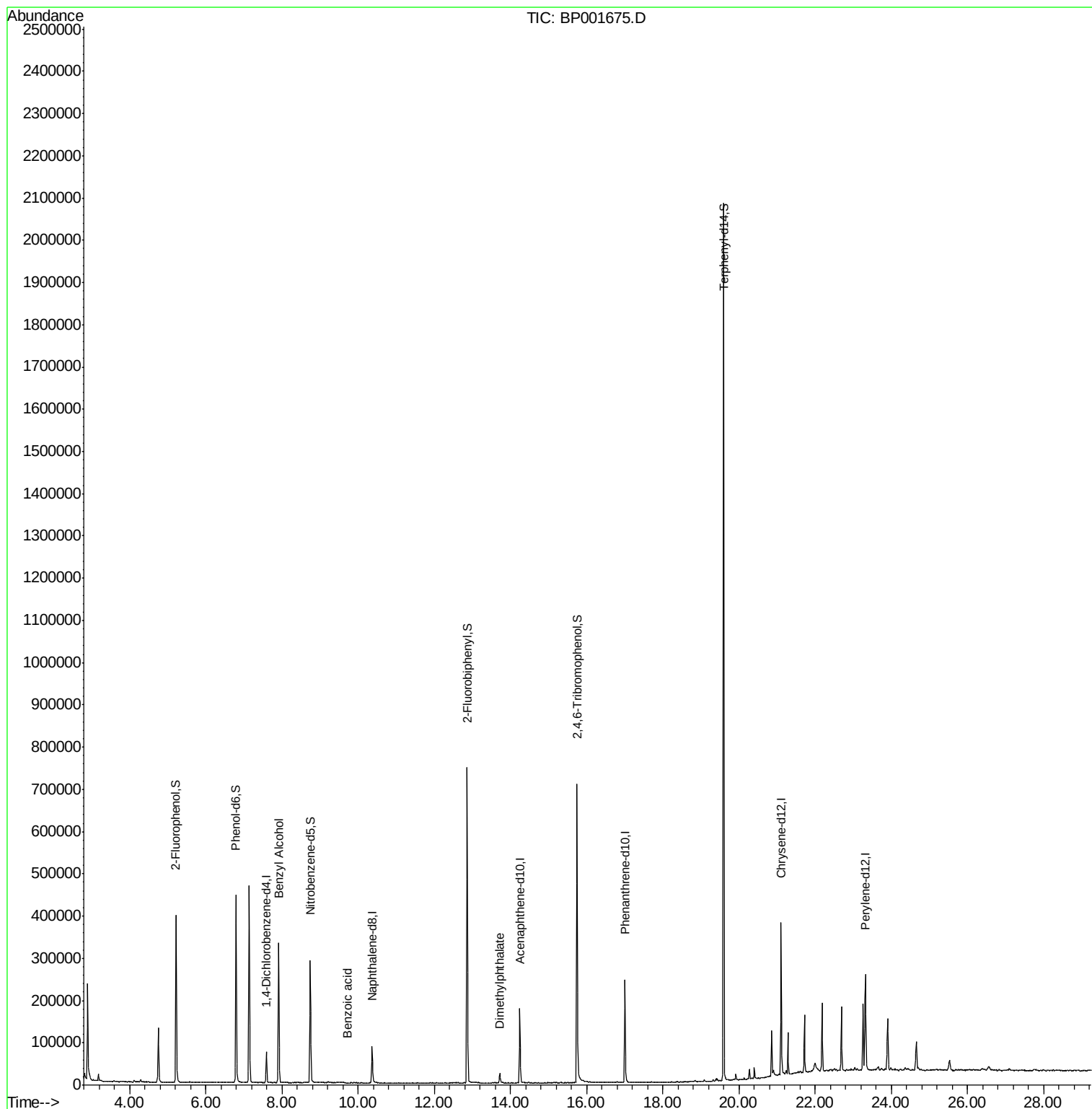
Quant Time: Jan 22 03:35:10 2020

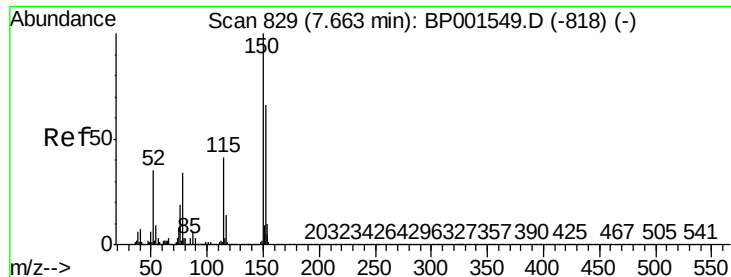
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP010820.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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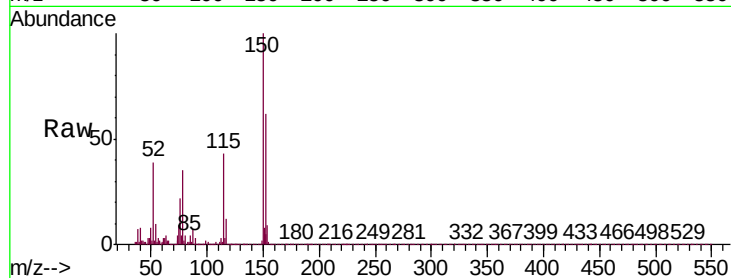


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.59 min Scan# 817  
Delta R.T. -0.05 min  
Lab File: BP001675.D  
Acq: 21 Jan 2020 18:20

Instrument :  
BNA\_P  
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5-SAR-001-003-01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.4 | 122.0 | 183.0 |
| 115     | 69.1  | 50.7  | 76.1  |

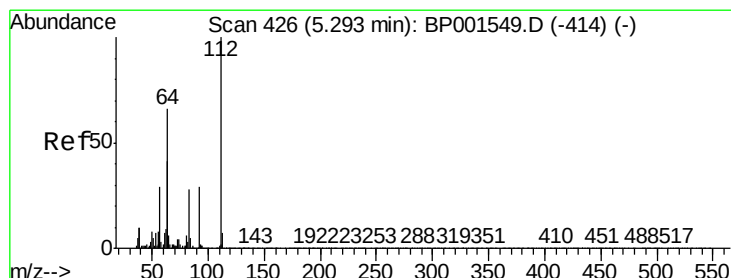
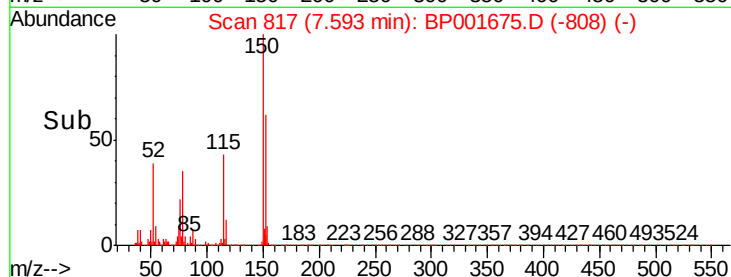
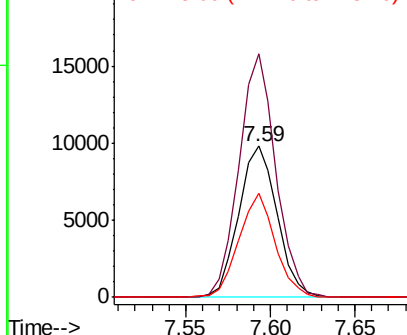


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

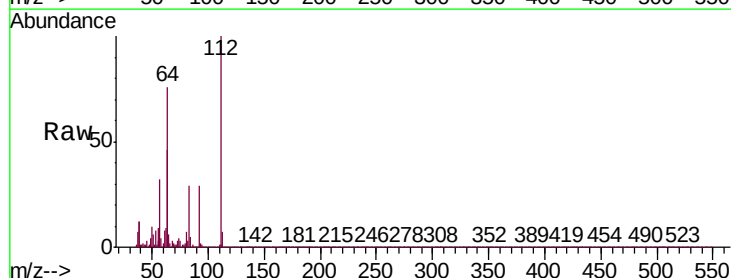
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 168.728 ng  
RT: 5.22 min Scan# 413  
Delta R.T. -0.05 min  
Lab File: BP001675.D  
Acq: 21 Jan 2020 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 75.8  | 52.8  | 79.2  |
| 63      | 46.0  | 33.1  | 49.7  |

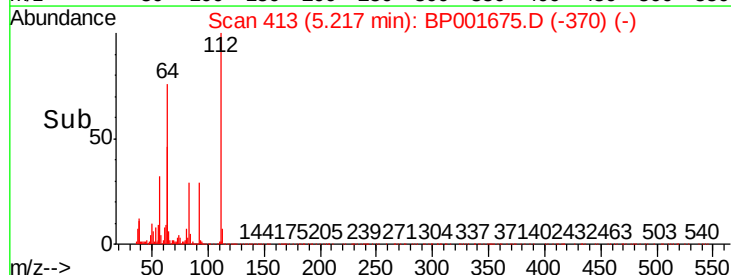
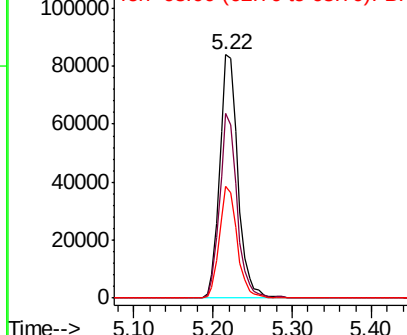


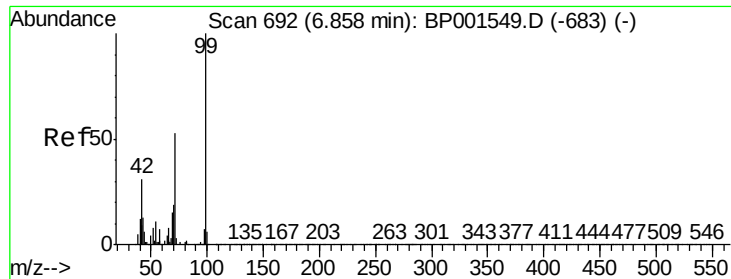
Abundance

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: 153.831 ng

RT: 6.79 min Scan# 681

Delta R.T. -0.04 min

Lab File: BP001675.D

Acq: 21 Jan 2020 18:20

Instrument :

BNA\_P

ClientSampleId :

5-SAR-001-003-01

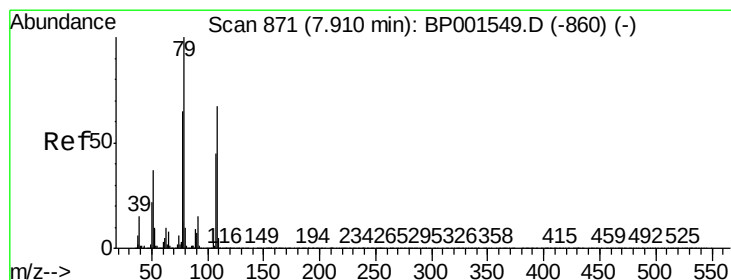
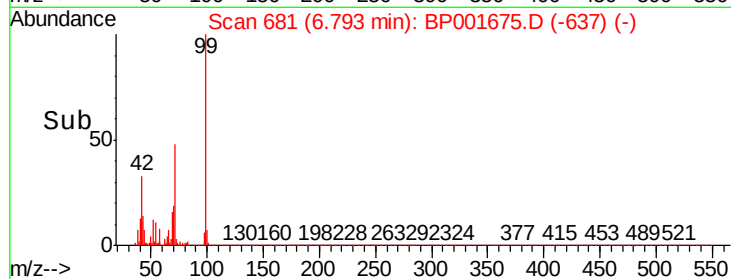
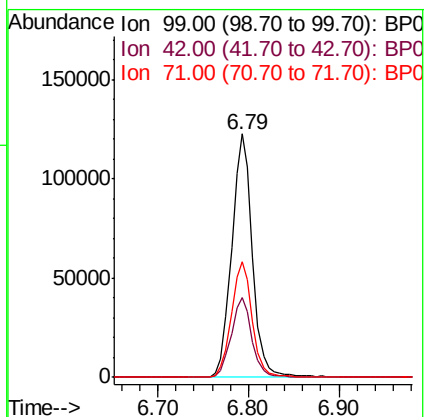
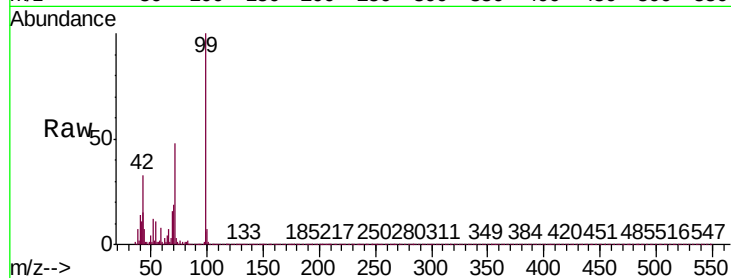
Tgt Ion: 99 Resp: 194796

Ion Ratio Lower Upper

99 100

42 32.7 24.5 36.7

71 47.6 42.4 63.6



#15

Benzyl Alcohol

Concen: 2.278 ng

RT: 7.91 min Scan# 871

Delta R.T. 0.03 min

Lab File: BP001675.D

Acq: 21 Jan 2020 18:20

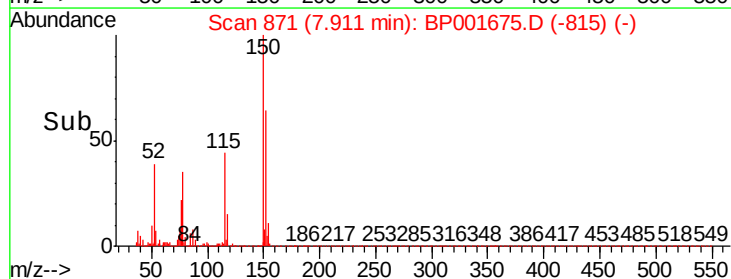
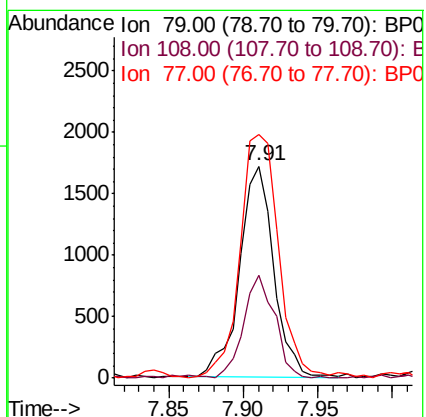
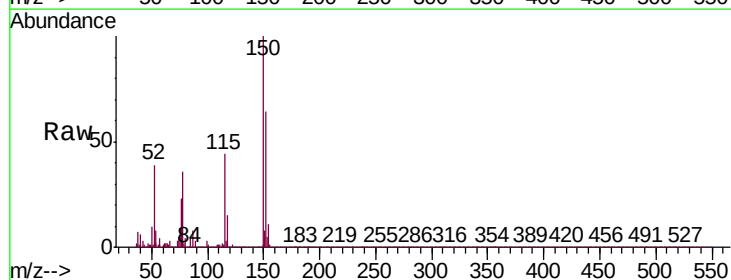
Tgt Ion: 79 Resp: 2717

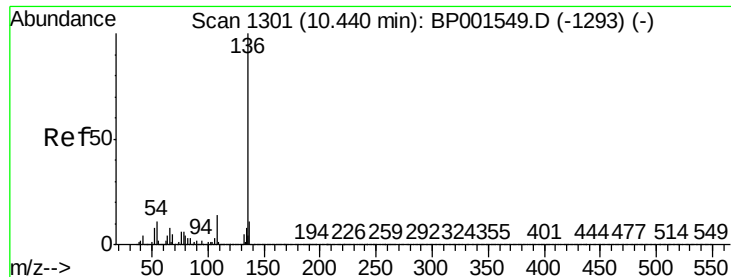
Ion Ratio Lower Upper

79 100

108 48.5 53.2 79.8#

77 114.8 52.1 78.1#

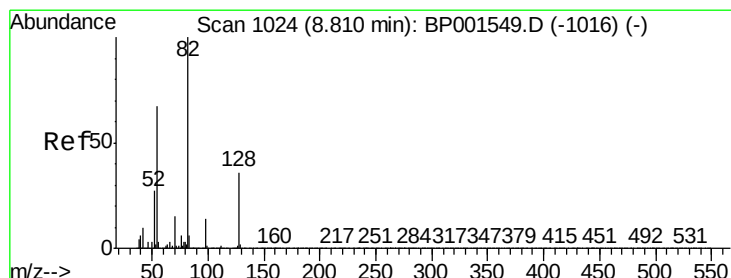
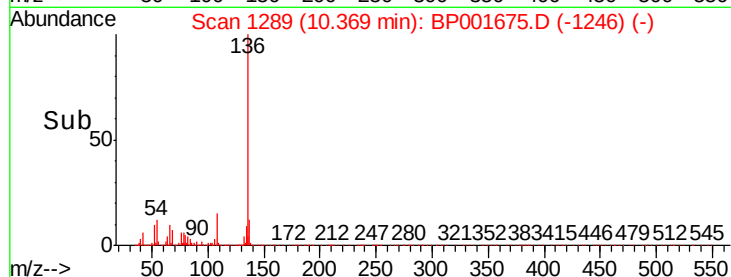
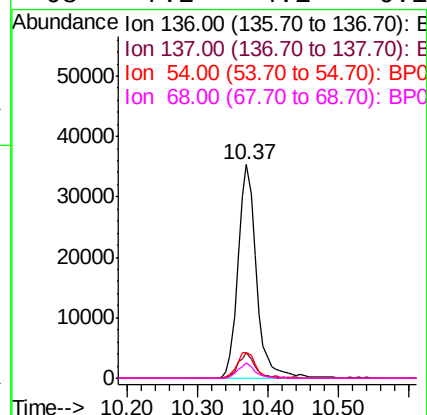
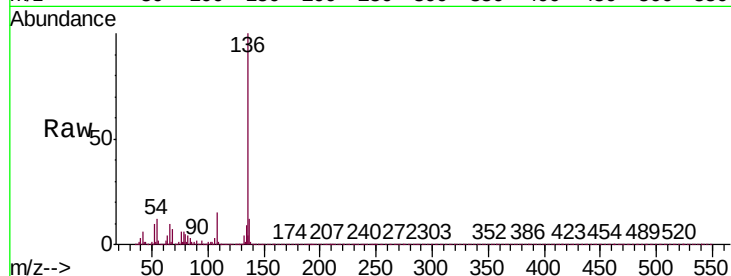




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.37 min Scan# 1289  
Delta R.T. -0.05 min  
Lab File: BP001675.D  
Acq: 21 Jan 2020 18:20

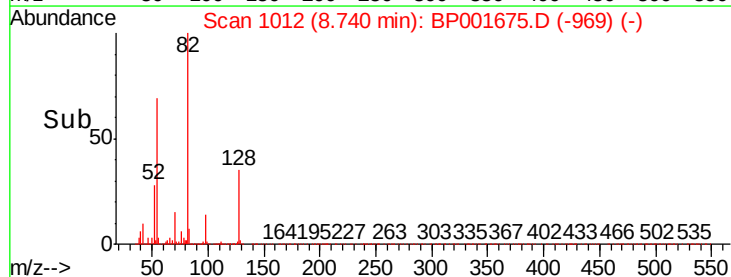
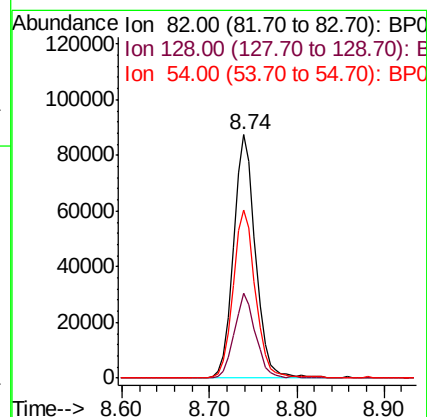
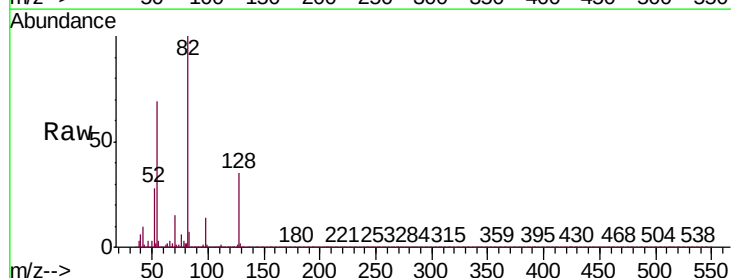
Instrument :  
BNA\_P  
ClientSampleId :  
5-SAR-001-003-01

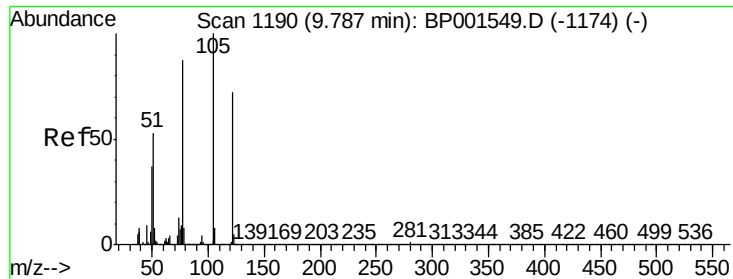
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 64123 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.0  | 8.6   | 12.8  |
| 54       | 11.9  | 9.2   | 13.8  |
| 68       | 7.2   | 4.1   | 6.1#  |



#23  
Nitrobenzene-d5  
Concen: 101.873 ng  
RT: 8.74 min Scan# 1012  
Delta R.T. -0.05 min  
Lab File: BP001675.D  
Acq: 21 Jan 2020 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 149491 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 35.0  | 28.4  | 42.6   |
| 54       | 69.1  | 53.4  | 80.2   |

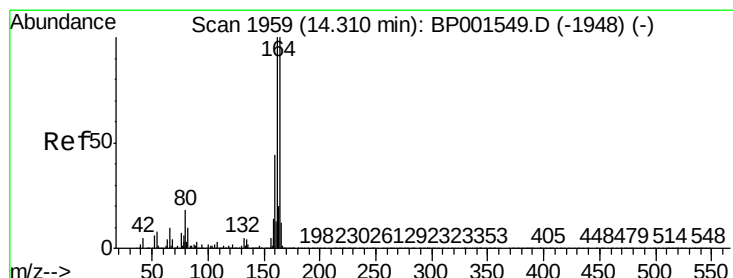
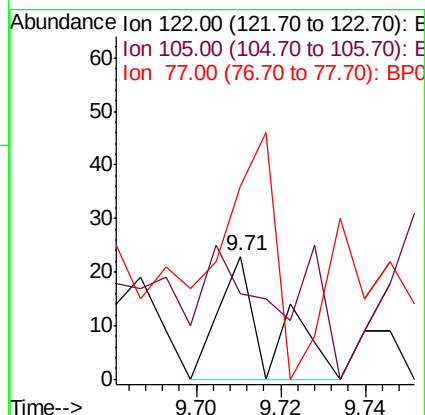
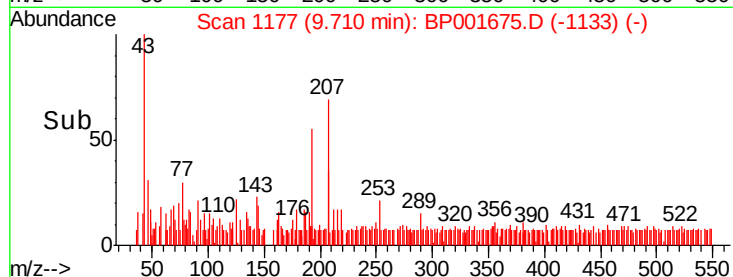
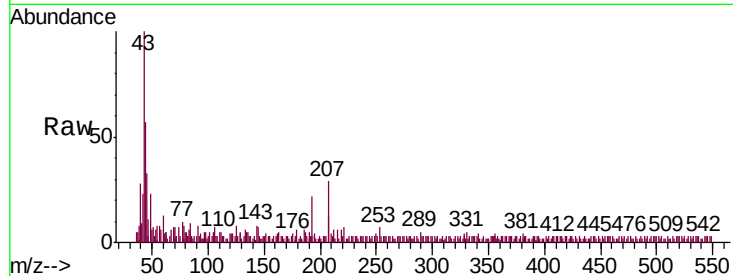




#32  
Benzoic acid  
Concen: 4.727 ng  
RT: 9.71 min Scan# 1177  
Delta R.T. -0.04 min  
Lab File: BP001675.D  
Acq: 21 Jan 2020 18:20

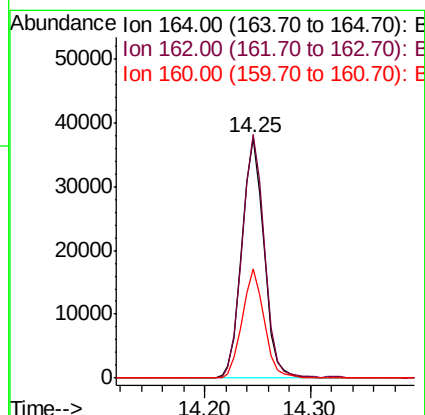
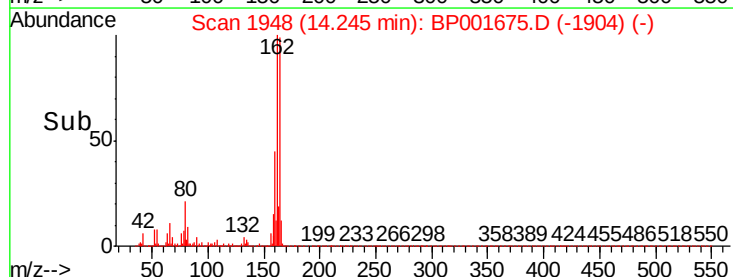
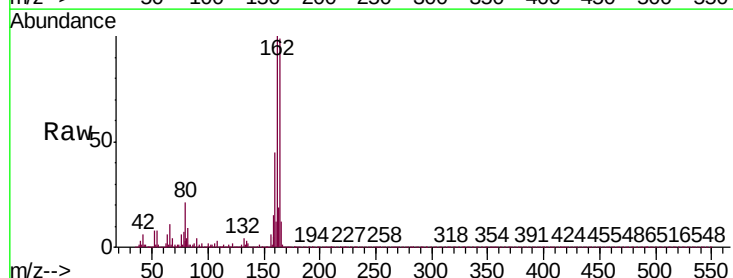
Instrument :  
BNA\_P  
ClientSampleId :  
5-SAR-001-003-01

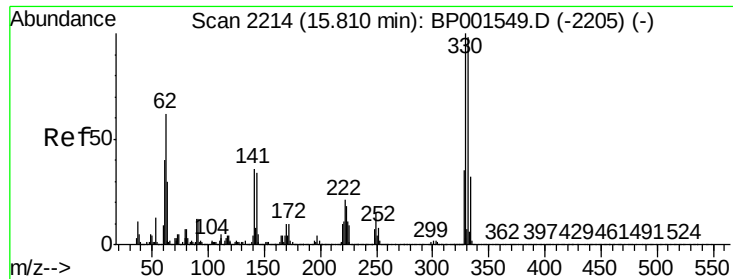
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 69.6  | 119.5 | 159.5# |
| 77      | 156.5 | 102.8 | 142.8# |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.25 min Scan# 1948  
Delta R.T. -0.04 min  
Lab File: BP001675.D  
Acq: 21 Jan 2020 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 79.8  | 119.6 |
| 160     | 45.7  | 35.0  | 52.6  |

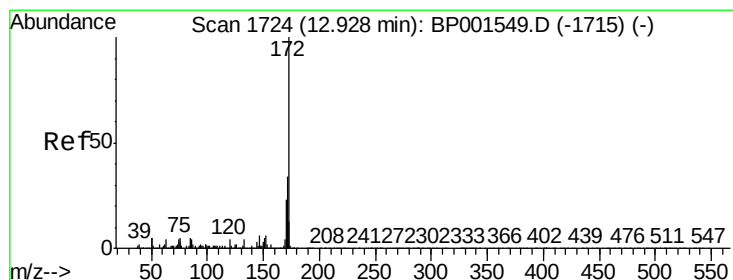
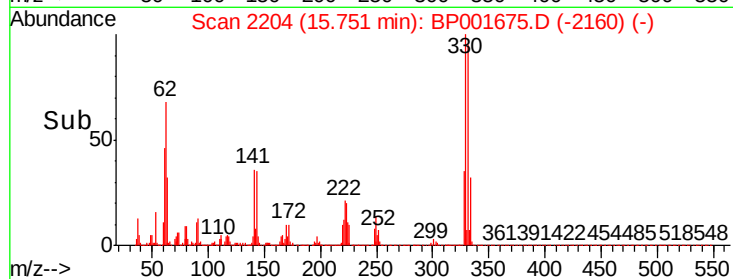
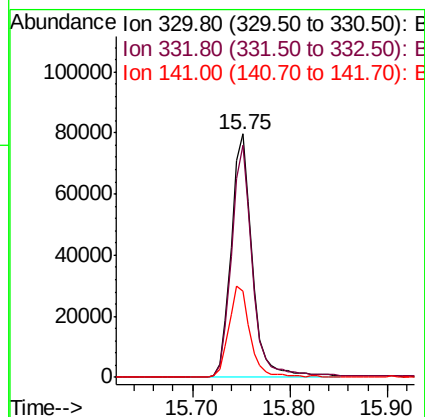
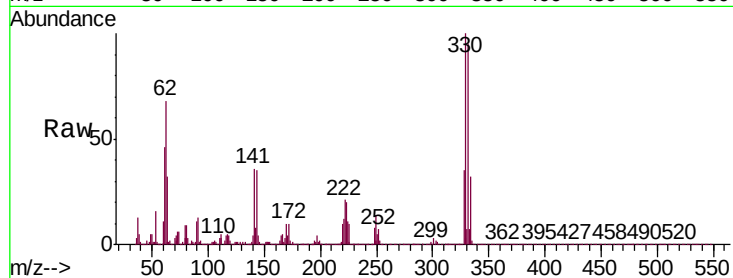




#42  
 2,4,6-Tribromophenol  
 Concen: 145.746 ng  
 RT: 15.75 min Scan# 2204  
 Delta R.T. -0.04 min  
 Lab File: BP001675.D  
 Acq: 21 Jan 2020 18:20

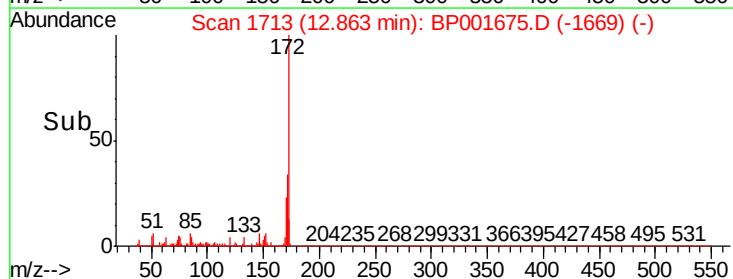
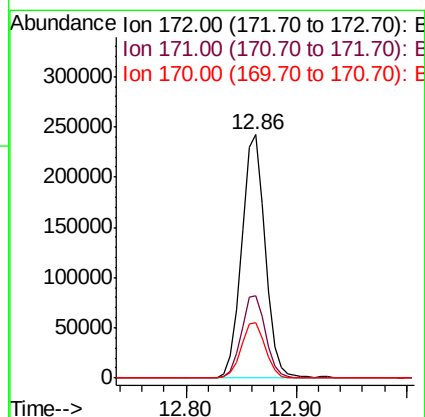
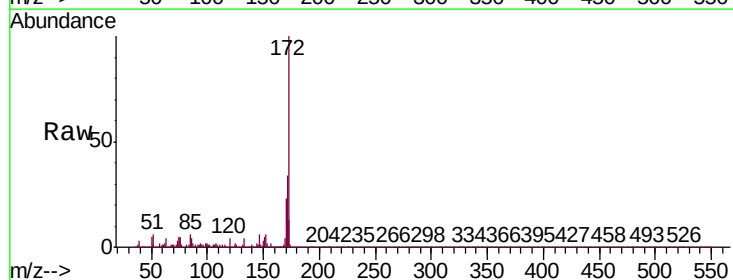
Instrument :  
 BNA\_P  
 ClientSampleId :  
 5-SAR-001-003-01

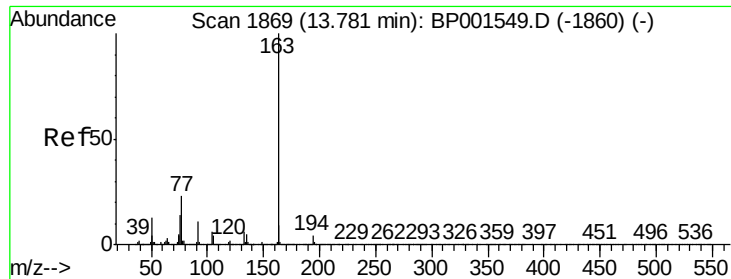
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 120627 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 94.7  | 77.8  | 116.6  |
| 141      | 37.9  | 28.7  | 43.1   |



#45  
 2-Fluorobiphenyl  
 Concen: 98.378 ng  
 RT: 12.86 min Scan# 1713  
 Delta R.T. -0.04 min  
 Lab File: BP001675.D  
 Acq: 21 Jan 2020 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 363811 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 34.0  | 27.6  | 41.4   |
| 170      | 22.9  | 18.3  | 27.5   |





#50

Dimethylphthalate

Concen: 3.889 ng

RT: 13.72 min Scan# 1858

Delta R.T. -0.04 min

Lab File: BP001675.D

Acq: 21 Jan 2020 18:20

Instrument :

BNA\_P

ClientSampleId :

5-SAR-001-003-01

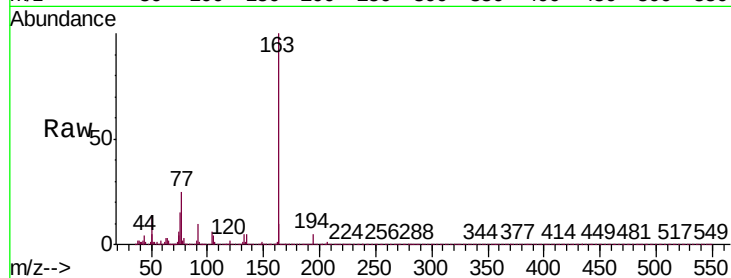
Tgt Ion:163 Resp: 17416

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

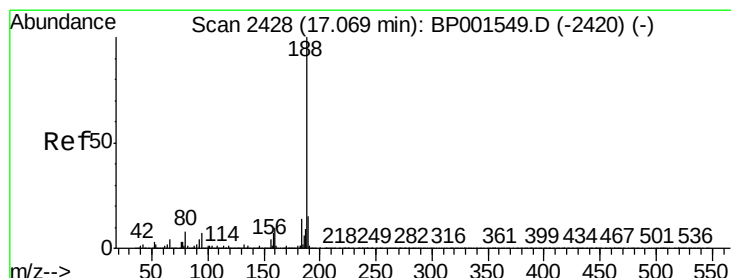
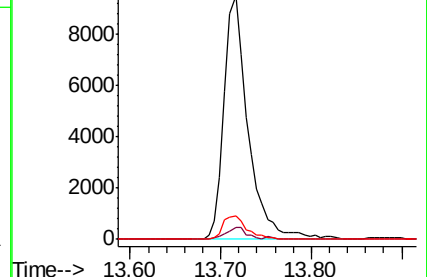
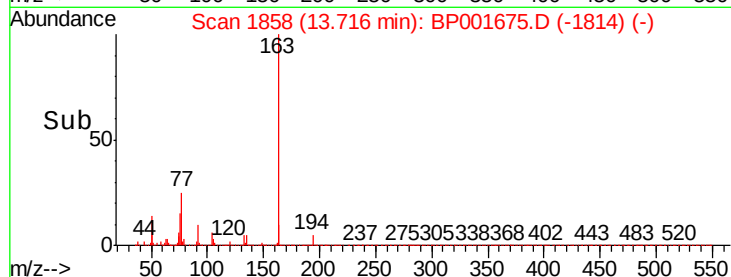
164 9.6 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2417

Delta R.T. -0.05 min

Lab File: BP001675.D

Acq: 21 Jan 2020 18:20

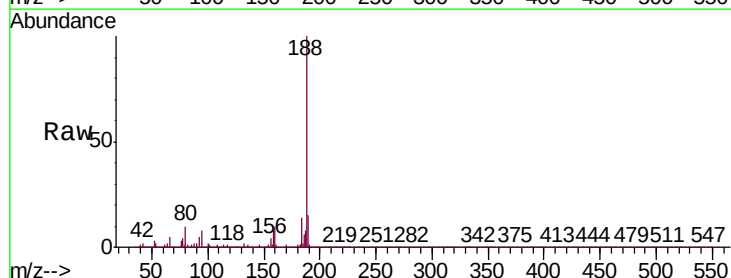
Tgt Ion:188 Resp: 146245

Ion Ratio Lower Upper

188 100

94 7.8 5.9 8.9

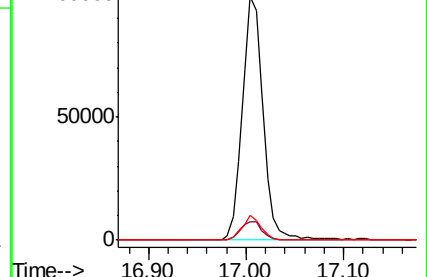
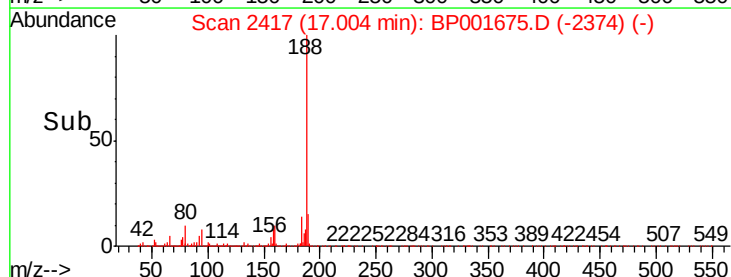
80 10.0 6.8 10.2



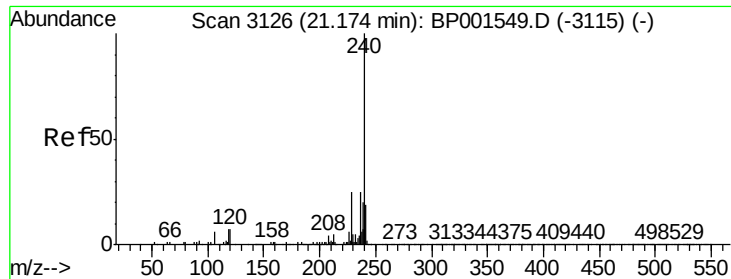
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



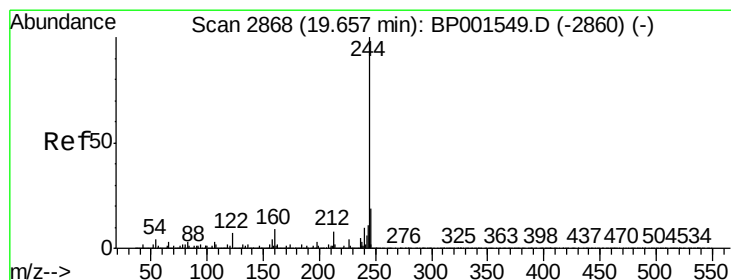
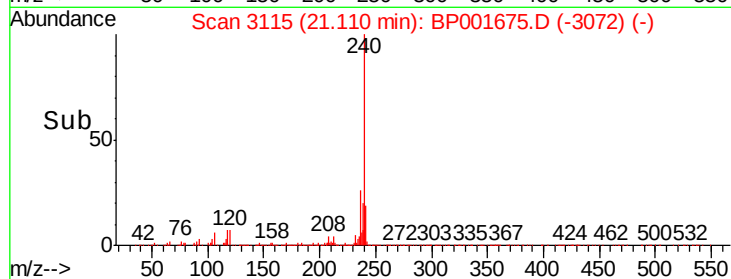
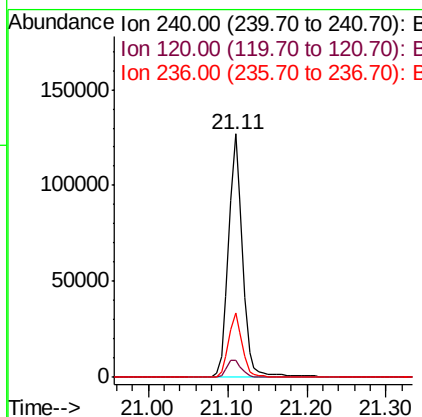
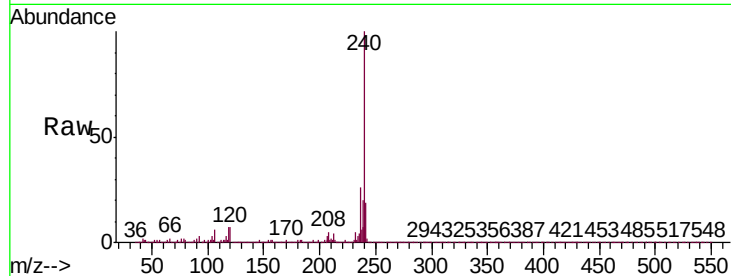




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.11 min Scan# 3115  
Delta R.T. -0.05 min  
Lab File: BP001675.D  
Acq: 21 Jan 2020 18:20

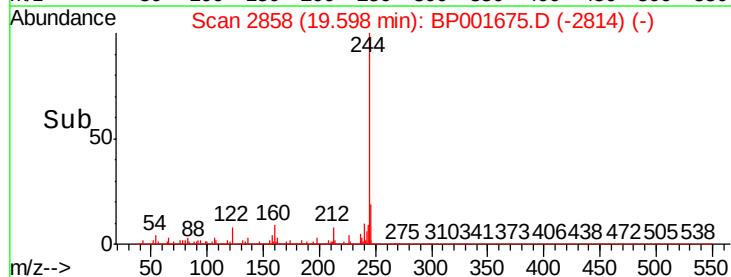
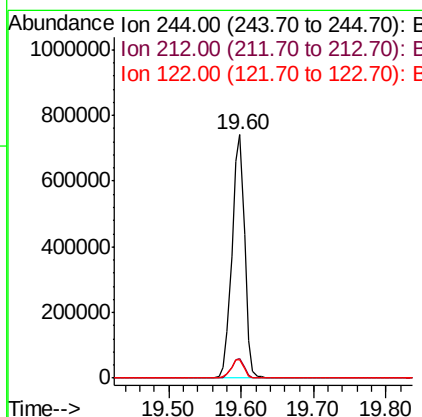
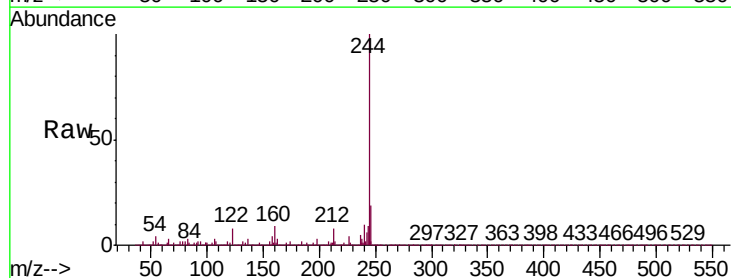
Instrument :  
BNA\_P  
ClientSampleId :  
5-SAR-001-003-01

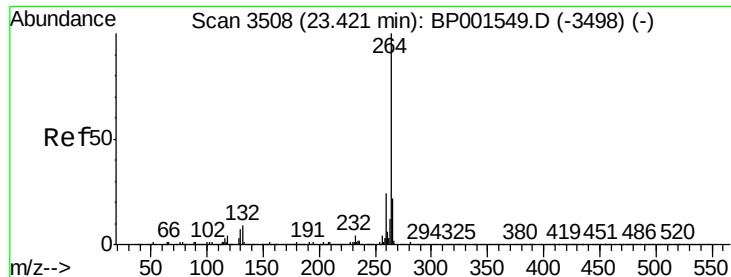
Tgt Ion:240 Resp: 157662  
Ion Ratio Lower Upper  
240 100  
120 7.0 5.7 8.5  
236 26.4 20.4 30.6



#79  
Terphenyl-d14  
Concen: 104.647 ng  
RT: 19.60 min Scan# 2858  
Delta R.T. -0.04 min  
Lab File: BP001675.D  
Acq: 21 Jan 2020 18:20

Tgt Ion:244 Resp: 902055  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.3 9.5  
122 7.6 5.8 8.6





#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.32 min Scan# 3491  
Delta R.T. -0.07 min  
Lab File: BP001675.D  
Acq: 21 Jan 2020 18:20

Instrument :  
BNA\_P  
ClientSampleId :  
5-SAR-001-003-01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 170064 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.6  | 19.0  | 28.6   |
| 265      | 21.2  | 18.2  | 27.4   |

