Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002592.D
Acq On : 01 Jul 2020 06:59
Operator : CG/JU
Sample : L3148-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** EPEC-POLYMERS-01

Quant Time: Jul 01 07:43:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 162327 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.34 | 136 | 878153 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.22 | 164 | 434168 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.98 | 188 | 1326429 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.09 | 240 | 989677 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.28 | 264 | 856665 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 1493029 | 155.73 | ng | | 0.00 |
| 7) Phenol-d6 | 6.76 | 99 | 1259079 | 94.09 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.72 | 82 | 1472806 | 86.42 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.72 | 330 | 722860 | 136.89 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.84 | 172 | 2471880 | 83.80 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.57 | 244 | 4566583 | 99.60 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.68 | 77 | 110 | Below Cal | | # | 34 |
| 32) Benzoic acid | 9.85 | 122 | 2229 | 8.886 | ng | # | 26 |
| 41) Hexachlorocyclopentadiene | 12.33 | 237 | 26 | 4.385 | ng | | 76 |
| 50) Dimethylphthalate | 13.68 | 163 | 407792 | 11.959 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.32 | 184 | 20 | 6.013 | ng | # | 1 |
| 56) 4-Nitrophenol | 14.47 | 139 | 48 | 2.443 | ng | # | 1 |
| 65) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 10 | 2.711 | ng | # | 1 |
| 70) Pentachlorophenol | 16.64 | 266 | 24 | 2.664 | ng | | 95 |
| 77) Benzidine | 19.20 | 184 | 407 | 3.765 | ng | # | 1 |

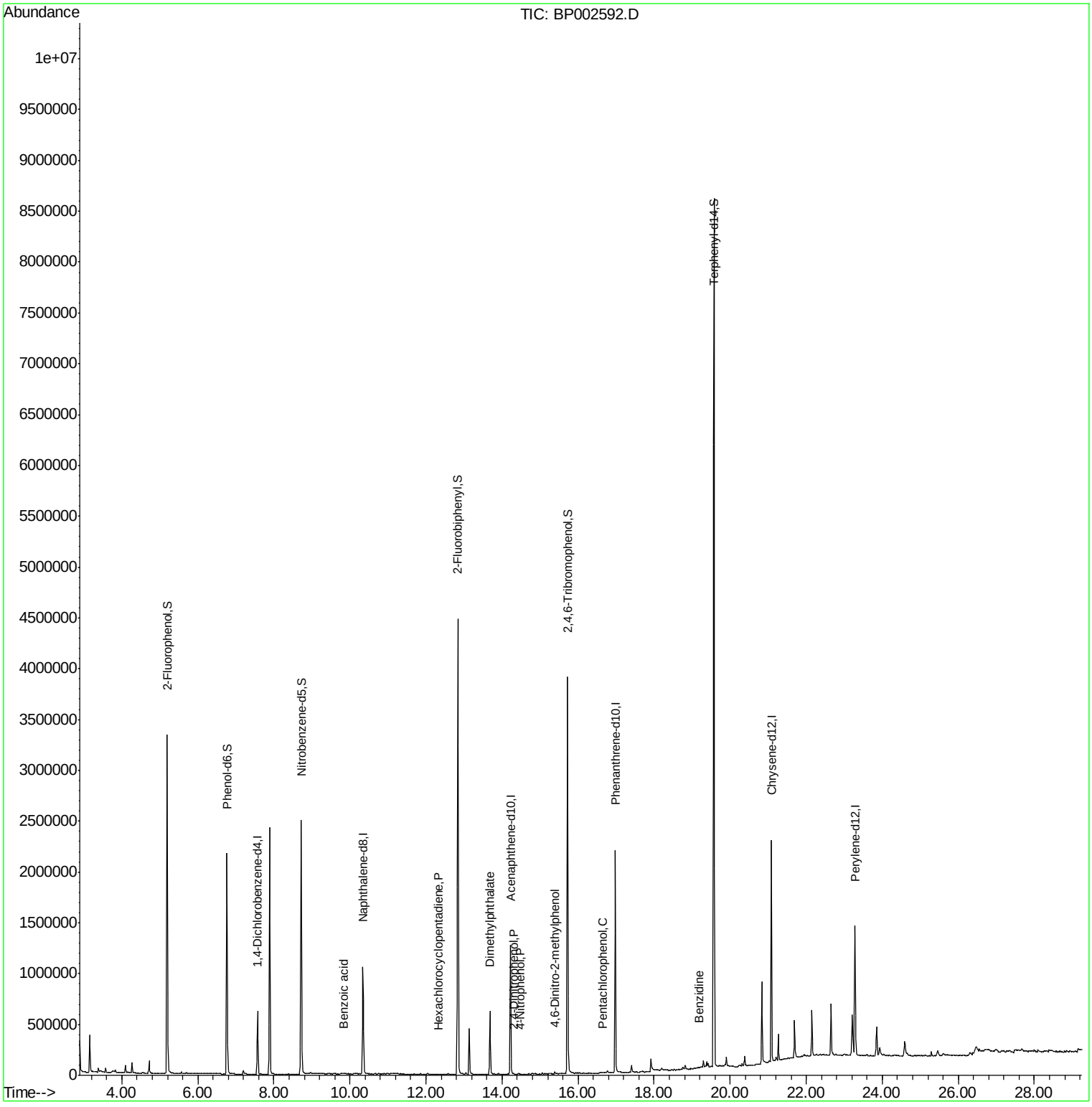
(#) = qualifier out of range (m) = manual integration (+) = signals summed

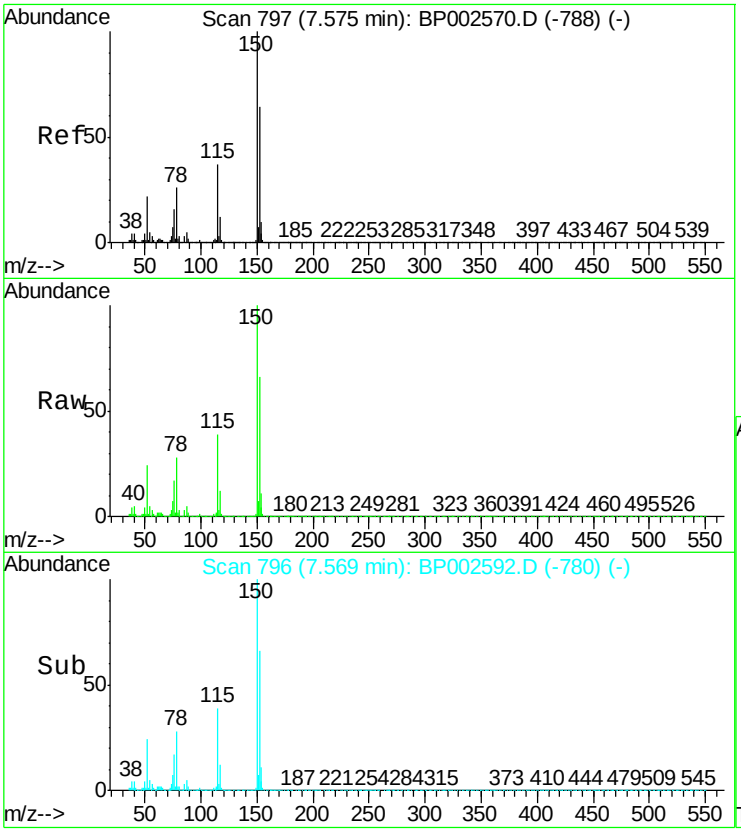
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002592.D
Acq On : 01 Jul 2020 06:59
Operator : CG/JU
Sample : L3148-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EPEC-POLYMERS-01

Quant Time: Jul 01 07:43:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration



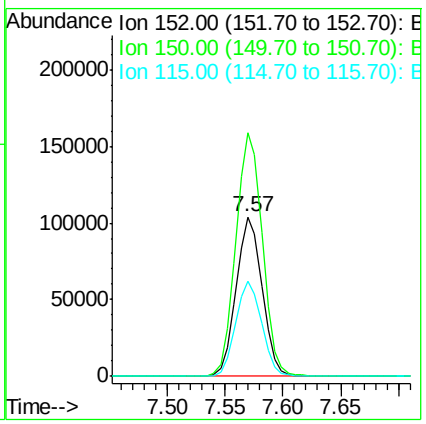


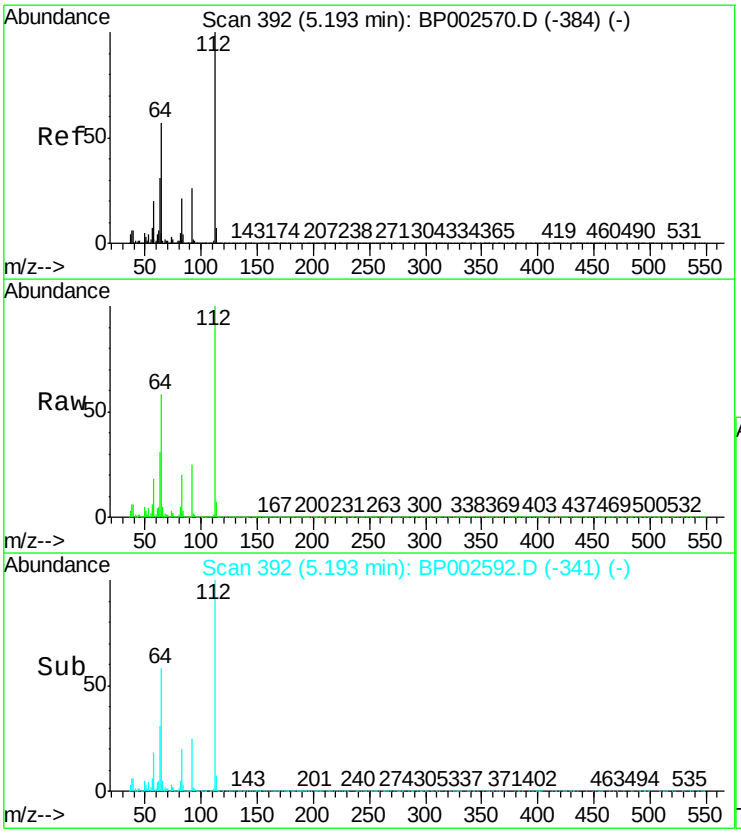

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

**Instrument :**
BNA_P
**ClientSampleId :**
EPEC-POLYMERS-01

Tgt Ion:152 Resp: 162327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.6 | 124.2 | 186.2 |
| 115 | 59.7 | 47.1 | 70.7 |

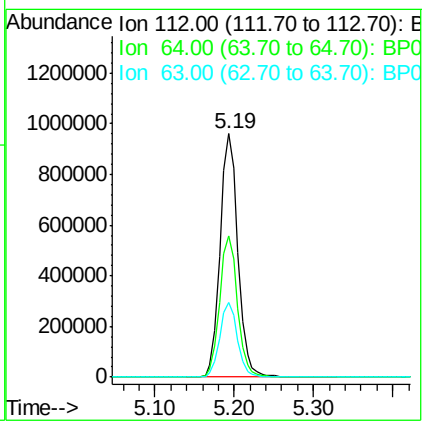


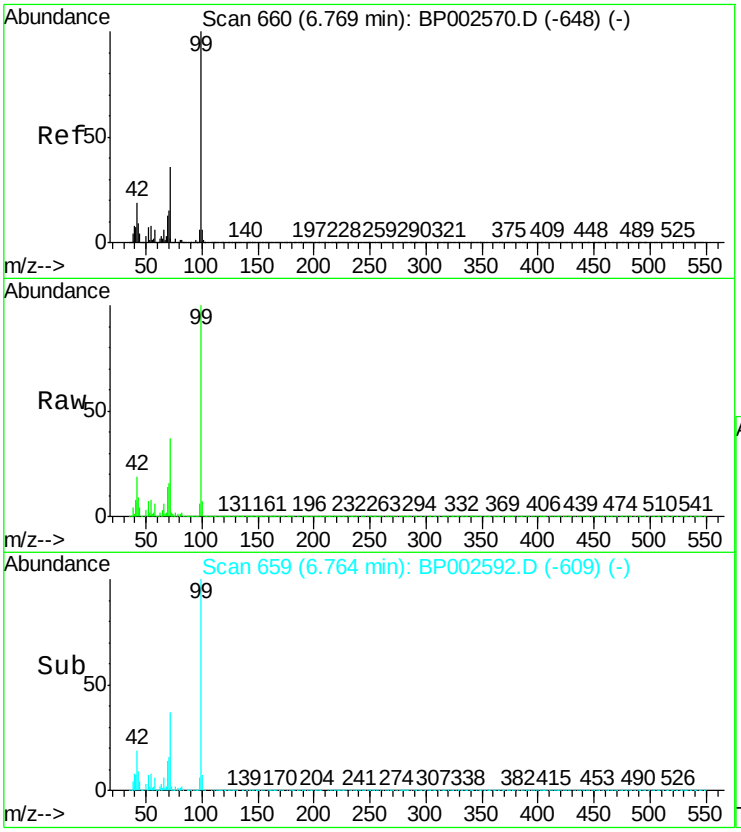




#5
2-Fluorophenol
Concen: 155.727 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

Tgt Ion:112 Resp: 1493029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.1 | 47.0 | 70.6 |
| 63 | 30.8 | 26.1 | 39.1 |



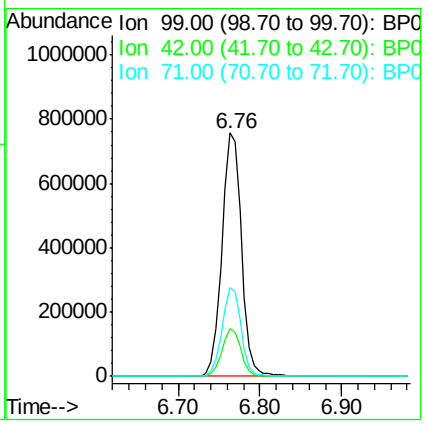


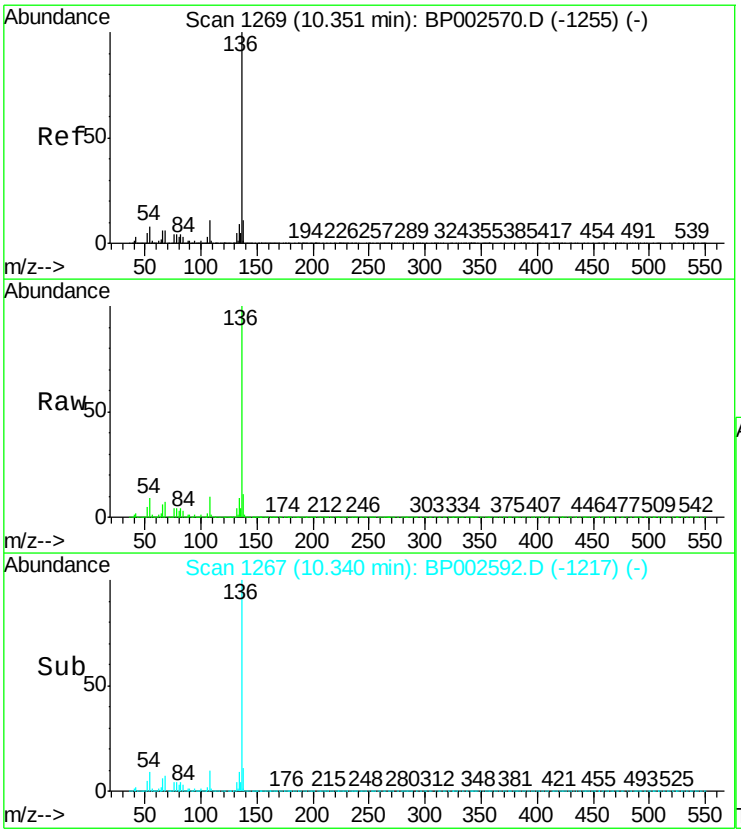

#7
Phenol-d6
Concen: 94.090 ng
RT: 6.76 min Scan# 659
Delta R.T. -0.01 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

**Instrument :**
BNA_P
**ClientSampleId :**
EPEC-POLYMERS-01

Tgt Ion: 99 Resp: 1259079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.4 | 15.5 | 23.3 |
| 71 | 36.6 | 28.9 | 43.3 |

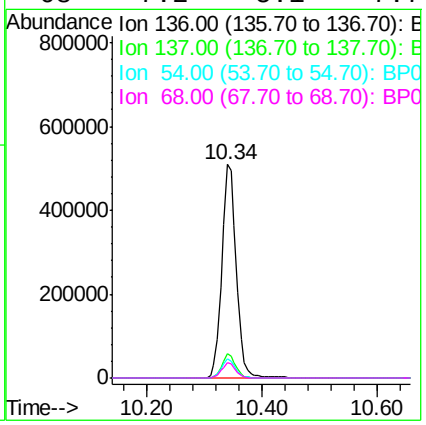


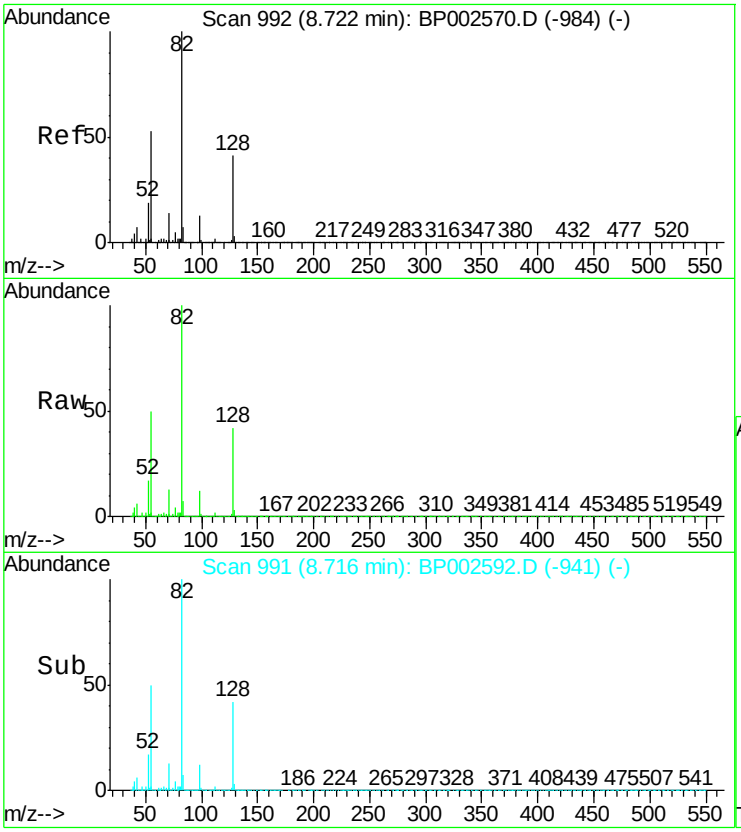




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

Tgt Ion:136 Resp: 878153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 9.0 | 6.4 | 9.6 |
| 68 | 7.2 | 5.1 | 7.7 |



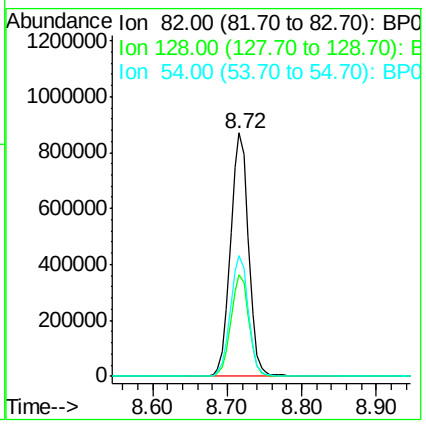


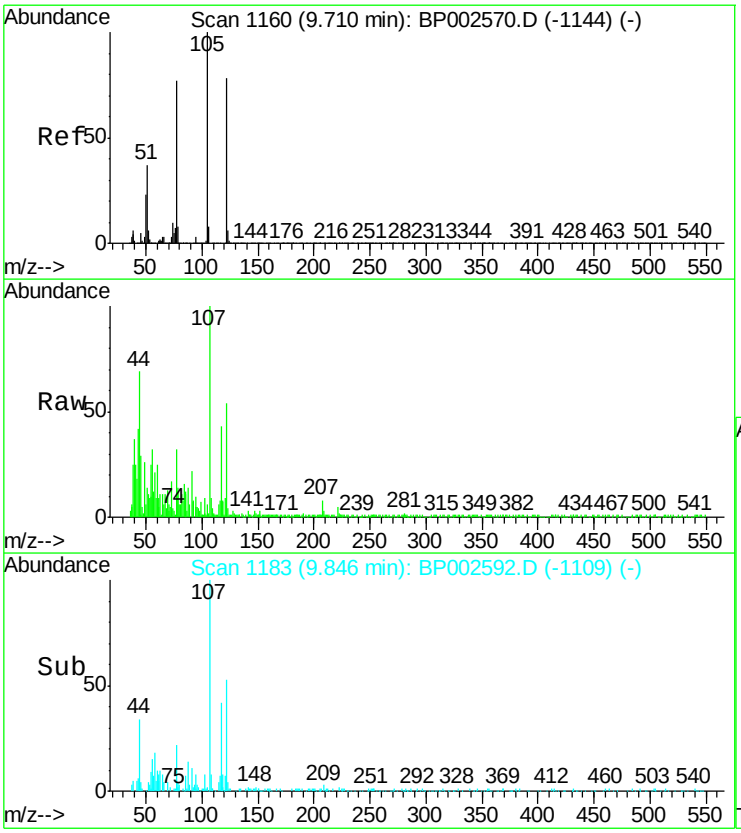

#23
Nitrobenzene-d5
Concen: 86.416 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

**Instrument :**
BNA_P
**ClientSampleId :**
EPEC-POLYMERS-01

Tgt Ion: 82 Resp: 1472806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.7 | 33.4 | 50.2 |
| 54 | 49.8 | 40.1 | 60.1 |

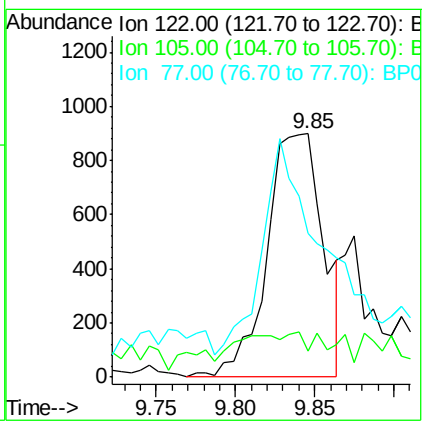


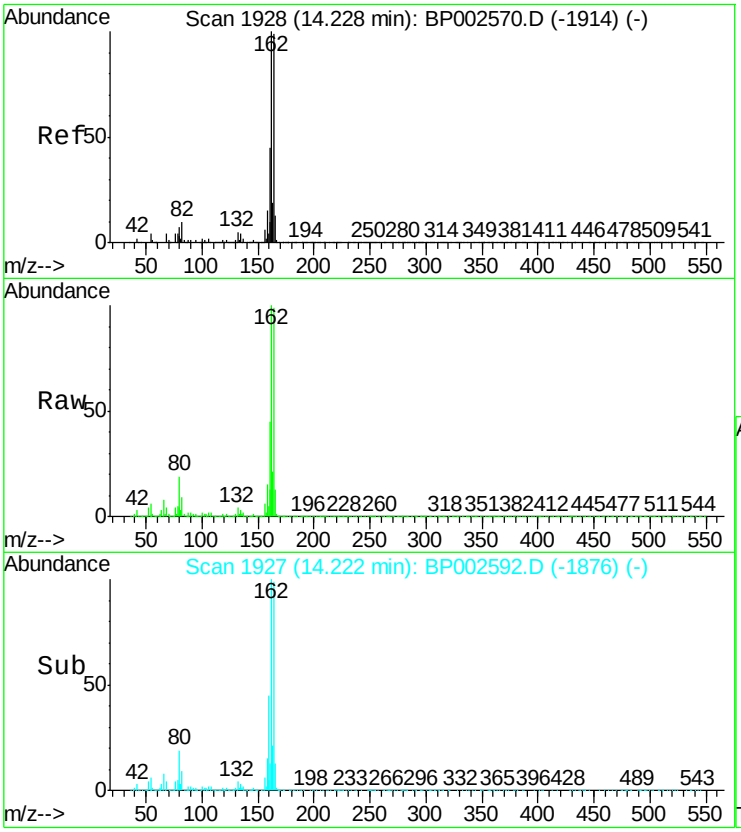




#32
Benzoic acid
Concen: 8.886 ng
RT: 9.85 min Scan# 1183
Delta R.T. 0.14 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

Tgt Ion:122 Resp: 2229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 10.9 | 106.6 | 146.6# |
| 77 | 59.1 | 76.5 | 116.5# |



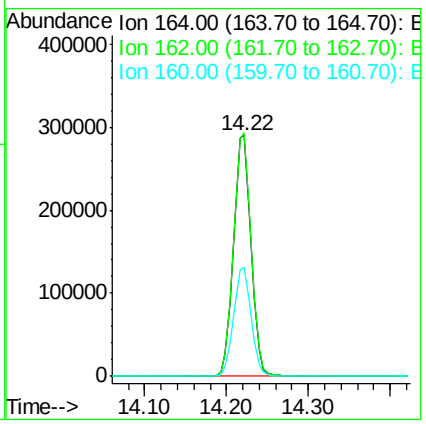


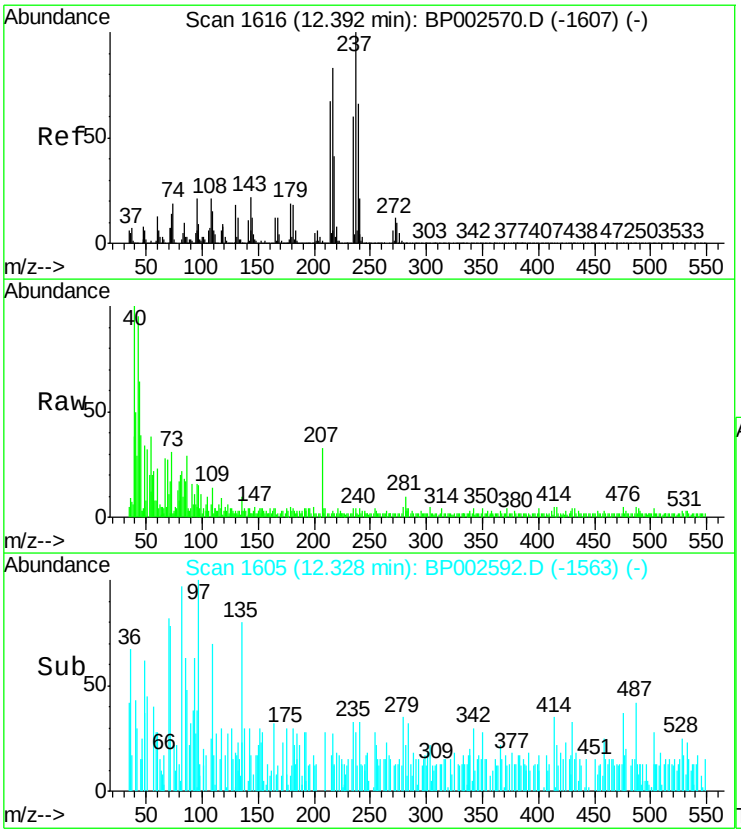

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

**Instrument :**
BNA_P
**ClientSampleId :**
EPEC-POLYMERS-01

Tgt Ion:164 Resp: 434168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.2 | 80.3 | 120.5 |
| 160 | 45.2 | 35.0 | 52.6 |

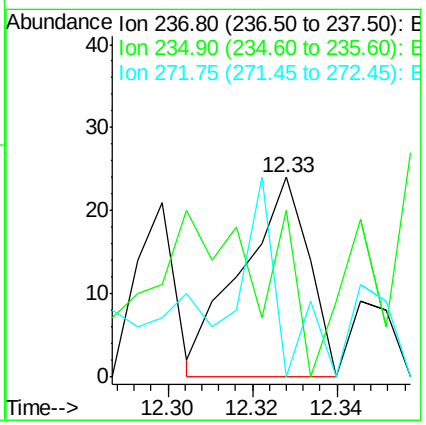


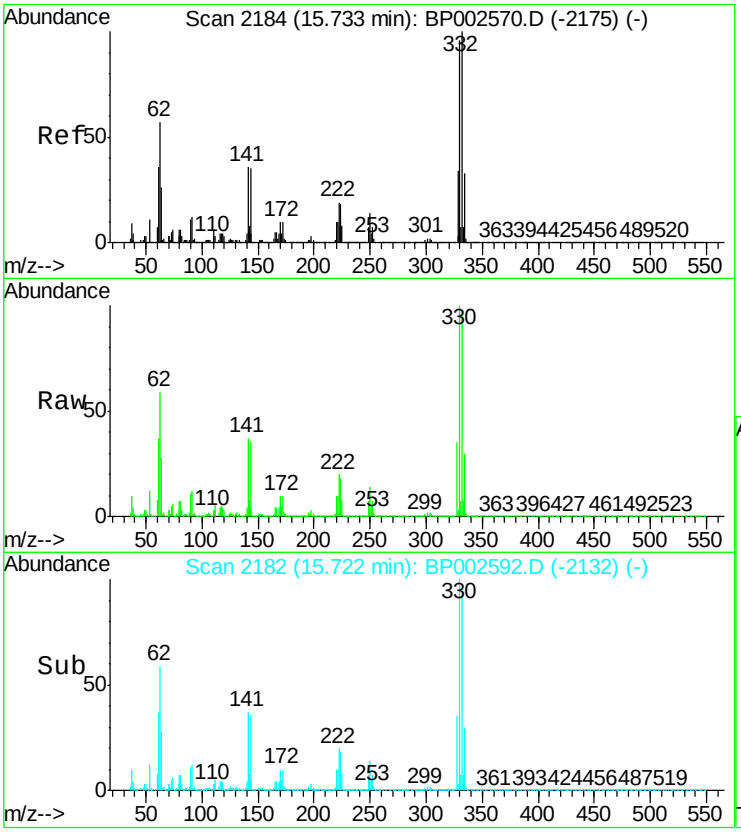




#41
Hexachlorocyclopentadiene
Concen: 4.385 ng
RT: 12.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

Tgt Ion:237 Resp: 26

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 83.3 | 45.4 | 85.4 |
| 272 | 0.0 | 0.0 | 32.6 |



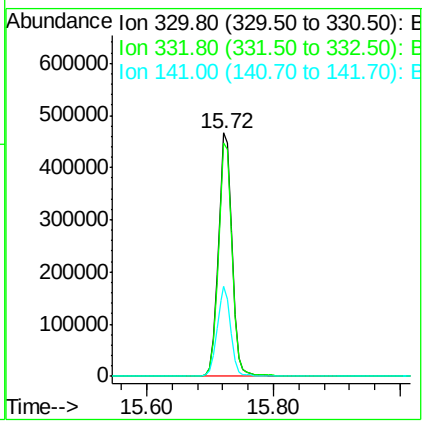


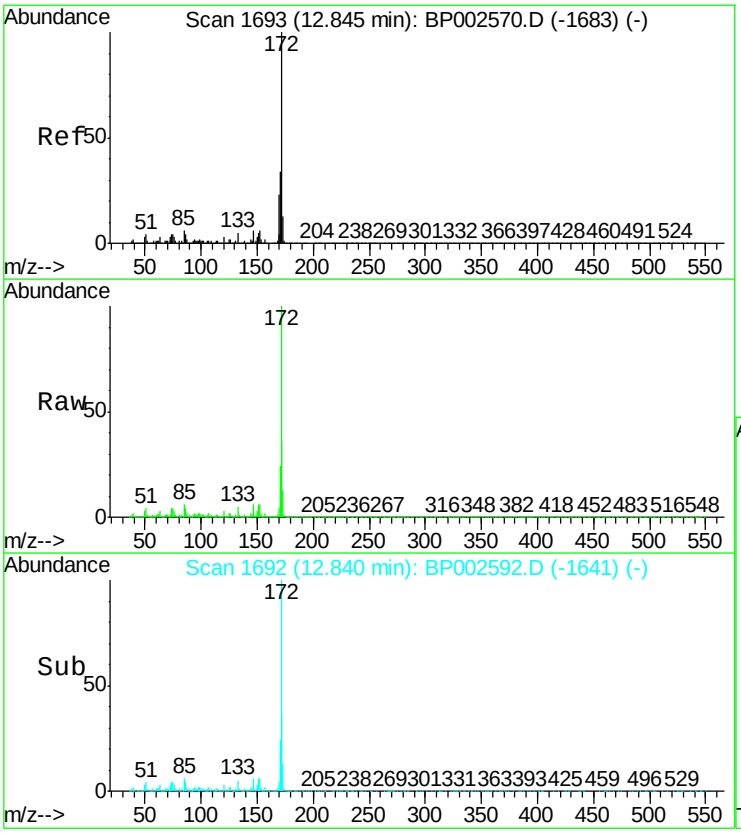

#42
2,4,6-Tribromophenol
Concen: 136.887 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

**Instrument :**
BNA_P
**ClientSampleId :**
EPEC-POLYMERS-01

Tgt Ion:330 Resp: 722860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 77.7 | 116.5 |
| 141 | 36.3 | 29.0 | 43.6 |

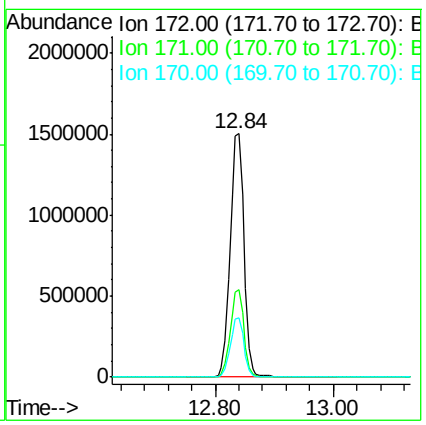


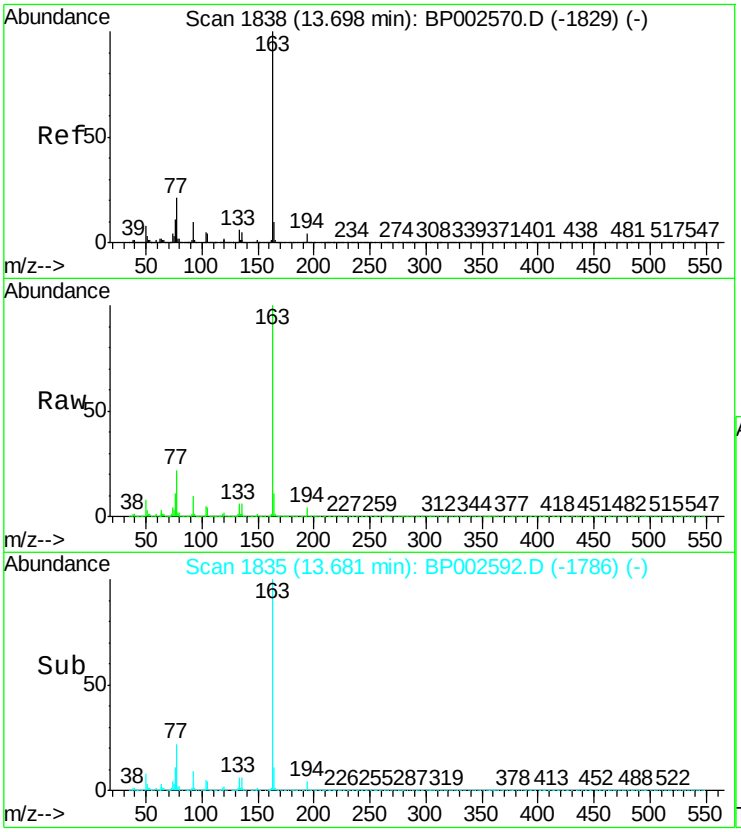




#45
2-Fluorobiphenyl
Concen: 83.797 ng
RT: 12.84 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

Tgt Ion:172 Resp: 2471880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.0 | 42.0 |
| 170 | 24.1 | 19.0 | 28.4 |



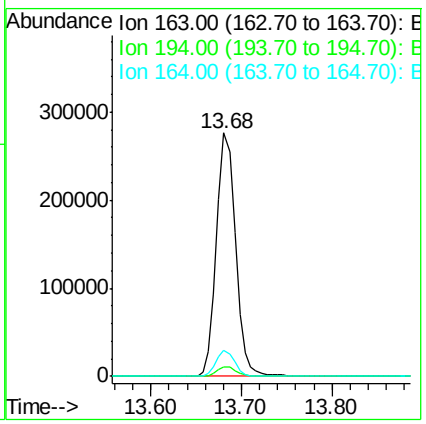


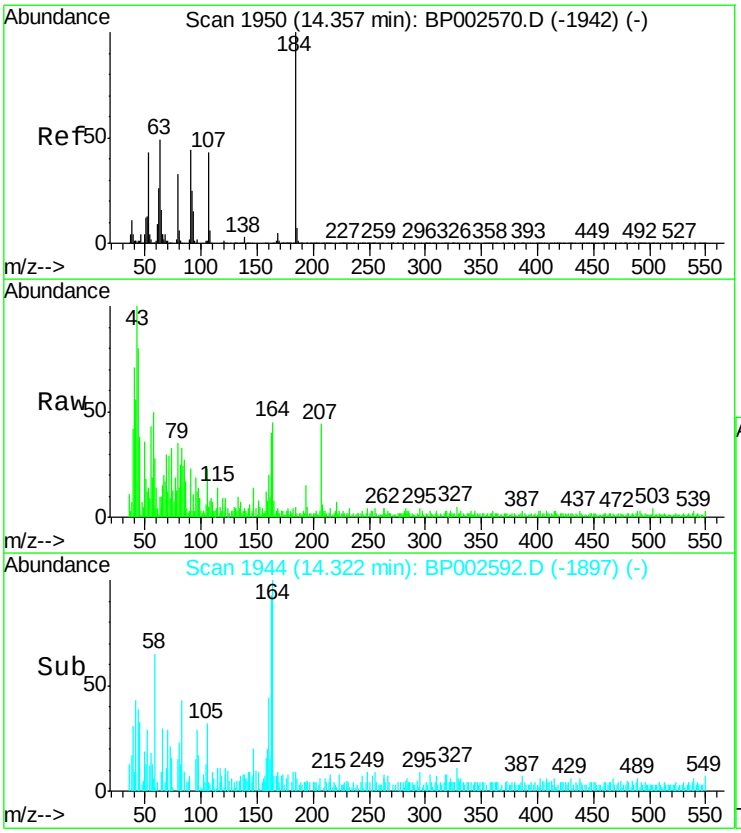

#50
Dimethylphthalate
Concen: 11.959 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

**Instrument :**
BNA_P
**ClientSampleId :**
EPEC-POLYMERS-01

Tgt Ion:163 Resp: 407792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.4 | 5.0 |
| 164 | 10.6 | 8.2 | 12.4 |

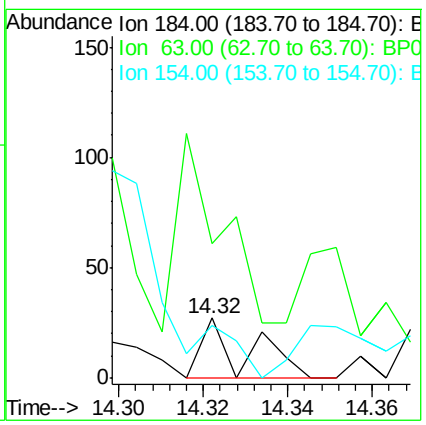


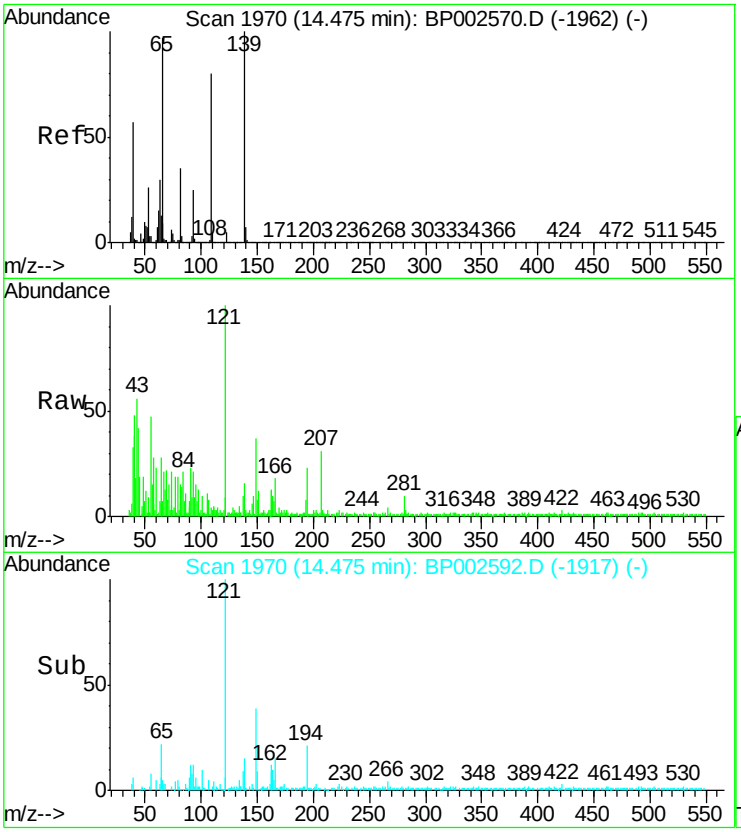




#54
2,4-Dinitrophenol
Concen: 6.013 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

Tgt Ion:184 Resp: 20

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 225.9 | 56.2 | 84.2# |
| 154 | 88.9 | 50.9 | 76.3# |



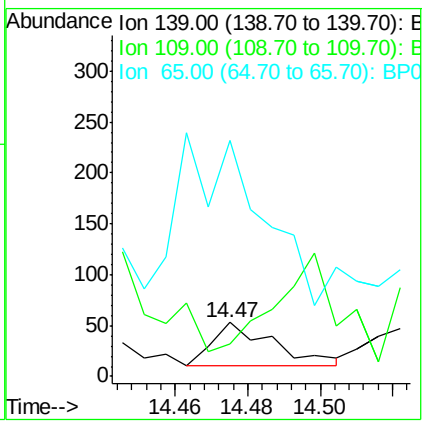


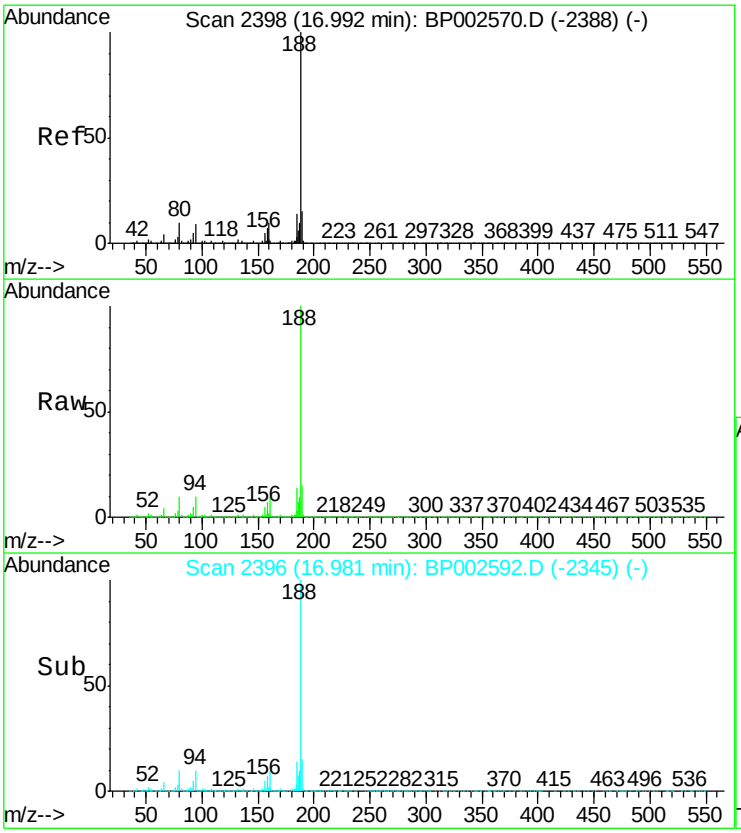

#56
4-Nitrophenol
Concen: 2.443 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

**Instrument :**
BNA_P
**ClientSampleId :**
EPEC-POLYMERS-01

Tgt Ion:139 Resp: 48

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 60.4 | 60.1 | 100.1 |
| 65 | 437.7 | 80.3 | 120.3# |

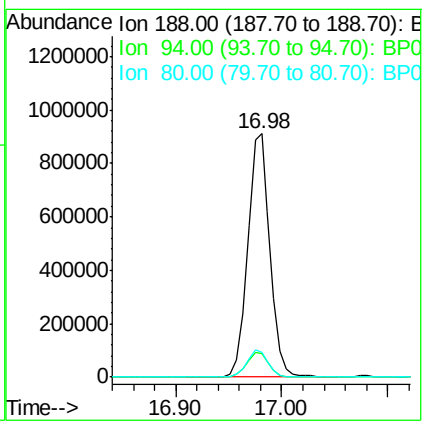


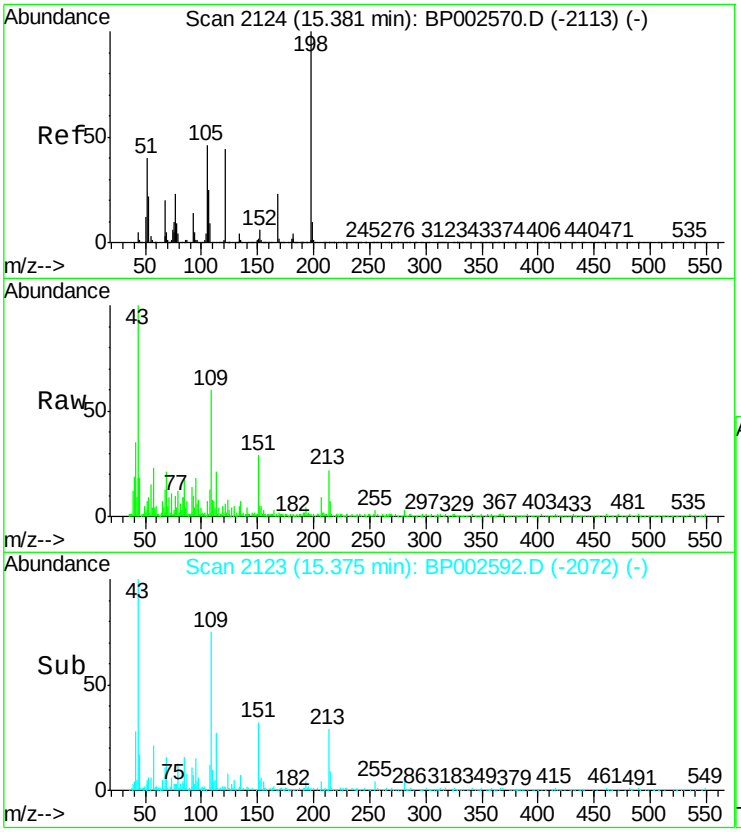




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

Tgt Ion:188 Resp: 1326429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 7.8 | 11.6 |
| 80 | 10.2 | 8.2 | 12.4 |



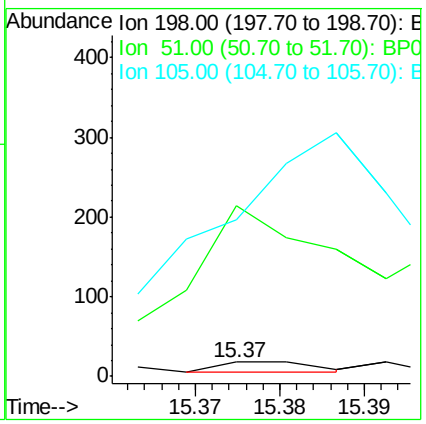


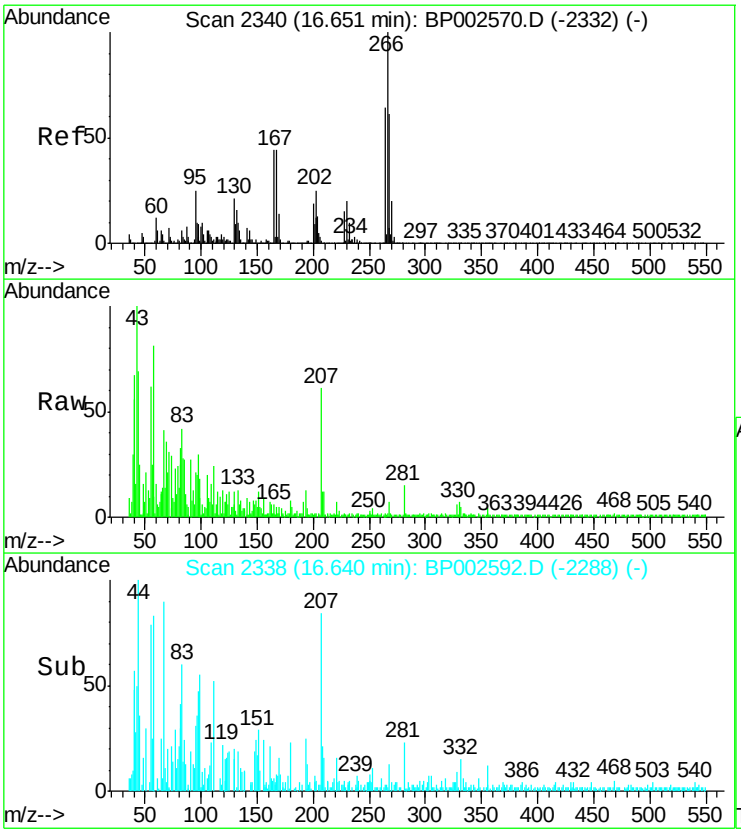

#65
4,6-Dinitro-2-methylphenol
Concen: 2.711 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

**Instrument :**
BNA_P
**ClientSampleId :**
EPEC-POLYMERS-01

Tgt Ion:198 Resp: 10

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 1194.4 | 24.2 | 64.2# |
| 105 | 1088.9 | 20.7 | 60.7# |

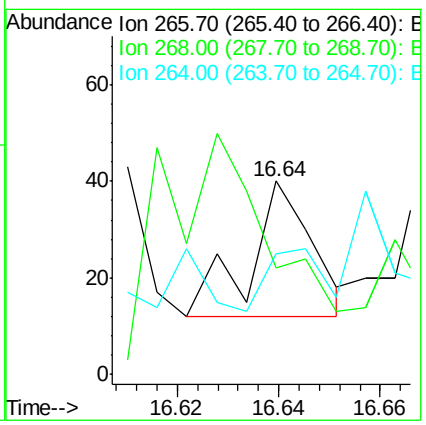


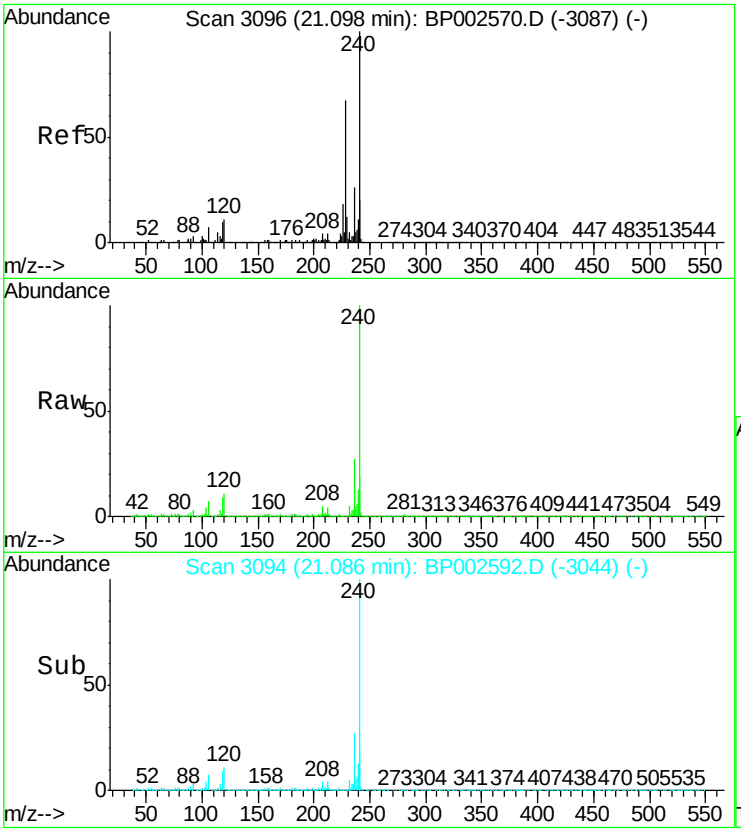




#70
Pentachlorophenol
Concen: 2.664 ng
RT: 16.64 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

Tgt Ion:266 Resp: 24

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 55.0 | 49.7 | 74.5 |
| 264 | 62.5 | 49.3 | 73.9 |



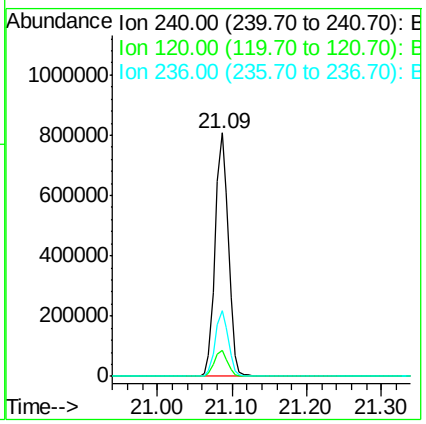


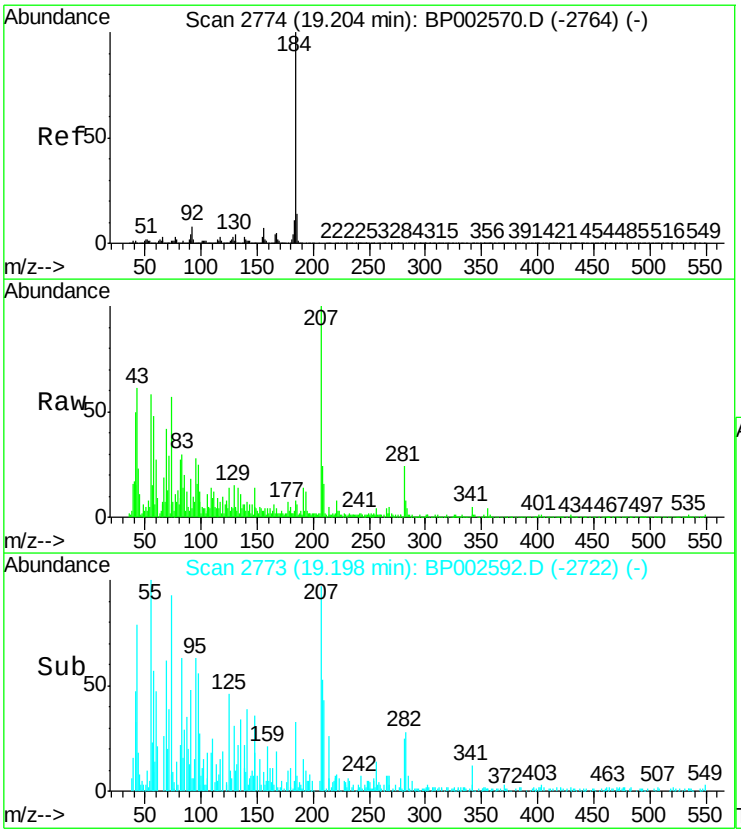

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

**Instrument :**
BNA_P
**ClientSampleId :**
EPEC-POLYMERS-01

Tgt Ion:240 Resp: 989677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 8.6 | 13.0 |
| 236 | 26.8 | 20.8 | 31.2 |

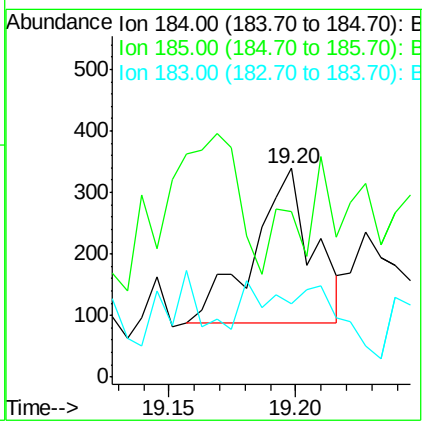


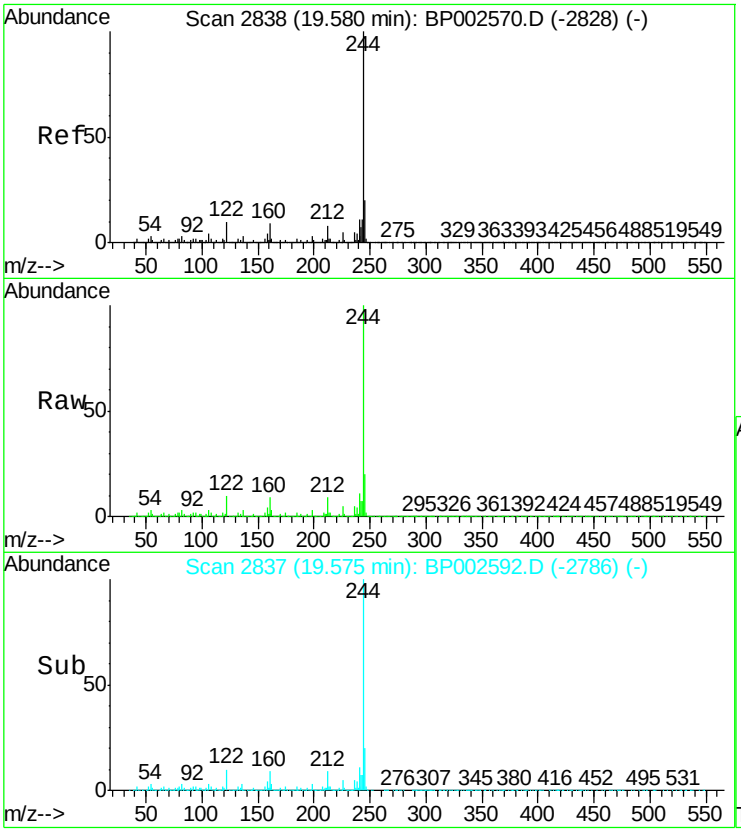




#77
Benzidine
Concen: 3.765 ng
RT: 19.20 min Scan# 2773
Delta R.T. 0.00 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

Tgt Ion:184 Resp: 407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 79.4 | 11.4 | 17.2# |
| 183 | 35.4 | 9.2 | 13.8# |



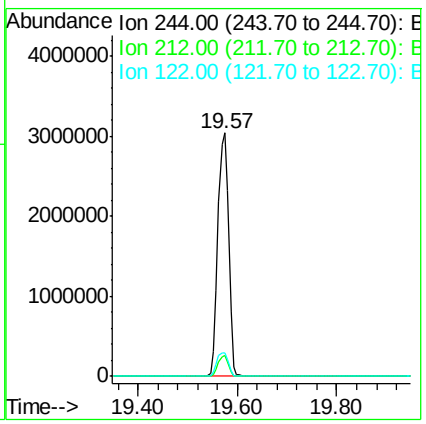


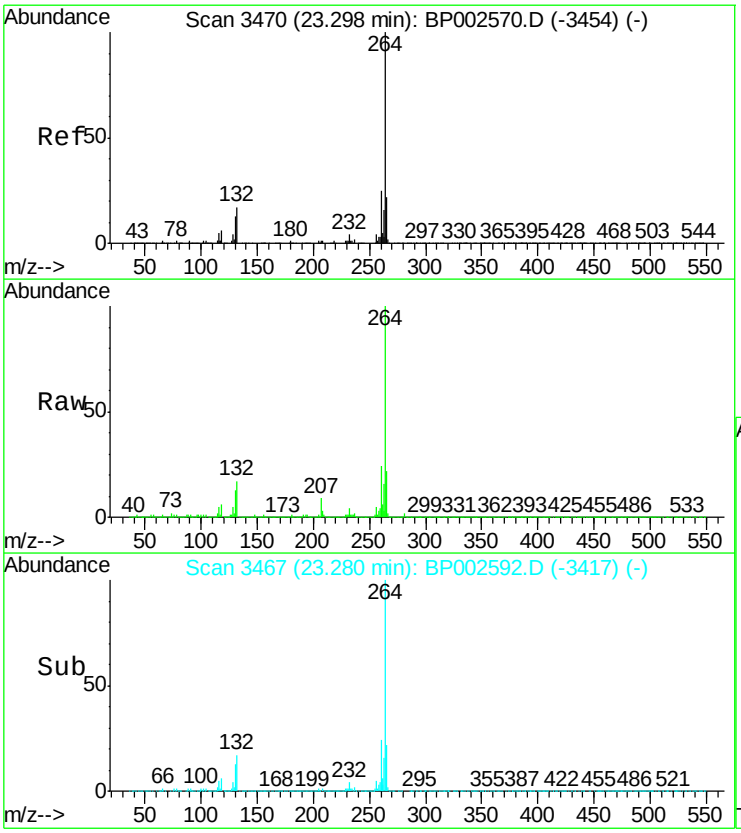

#79
Terphenyl-d14
Concen: 99.597 ng
RT: 19.57 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

**Instrument :**
BNA_P
**ClientSampleId :**
EPEC-POLYMERS-01

Tgt Ion:244 Resp: 4566583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.5 | 6.5 | 9.7 |
| 122 | 9.8 | 7.9 | 11.9 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002592.D
Acq: 01 Jul 2020 06:59

Tgt Ion:264 Resp: 856665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 19.7 | 29.5 |
| 265 | 22.4 | 17.6 | 26.4 |