Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016261.D
Acq On : 09 Sep 2021 16:57
Operator : CG/JU
Sample : PB138774BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB138774BL

Quant Time: Sep 09 17:27:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.863 | 152 | 12735 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.660 | 136 | 64501 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.497 | 164 | 35442 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.236 | 188 | 70590 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.429 | 240 | 55751 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.820 | 264 | 29916 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.475 | 112 | 11443 | 0.352 | ng | 0.02 |
| 5) Phenol-d6 | 7.043 | 99 | 12699 | 0.312 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.025 | 82 | 17758 | 0.343 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.247 | 152 | 36051 | 0.358 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.994 | 330 | 3370 | 0.232 | ng | 0.01 |
| 15) 2-Fluorobiphenyl | 13.114 | 172 | 50169 | 0.361 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.276 | 212 | 72352 | 0.349 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.872 | 244 | 68861 | 0.492 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 20) 4,6-Dinitro-2-methylph... | 15.664 | 198 | 2 | 0.208 | ng | # 1 |
| 24) Pentachlorophenol | 16.932 | 266 | 14 | 0.112 | ng | # 33 |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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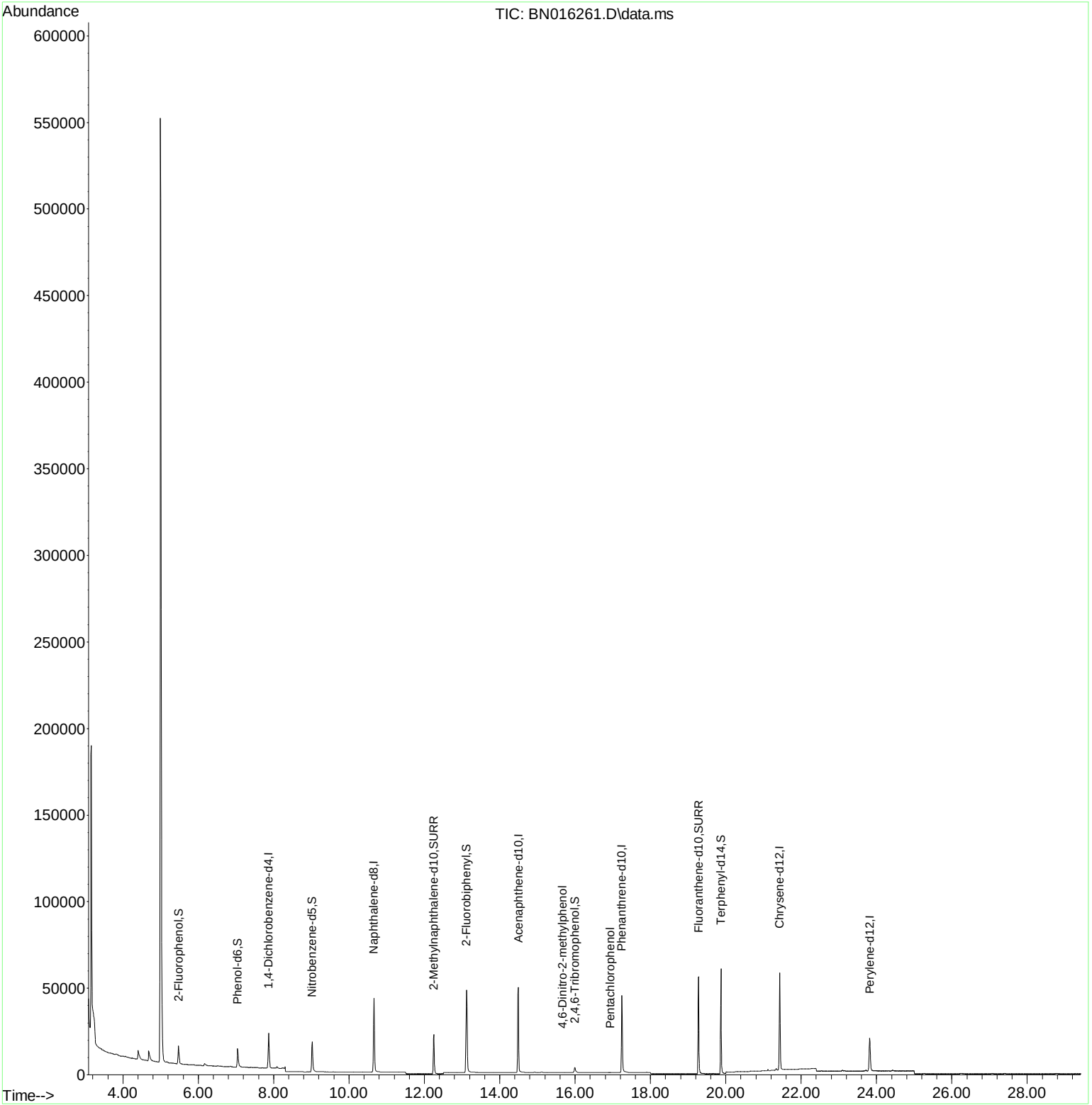
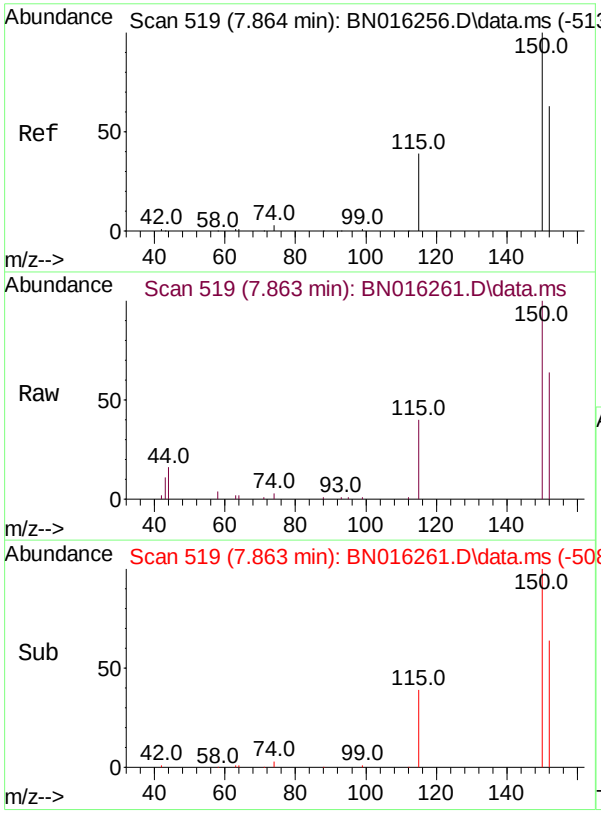


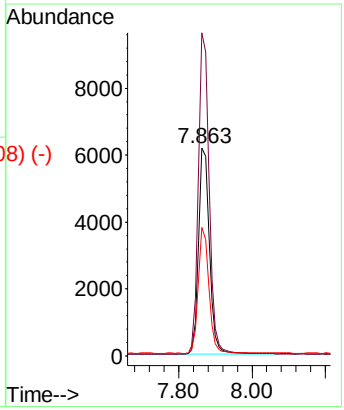
**Instrument :**
BNA_N
**ClientSampleId :**
PB138774BL

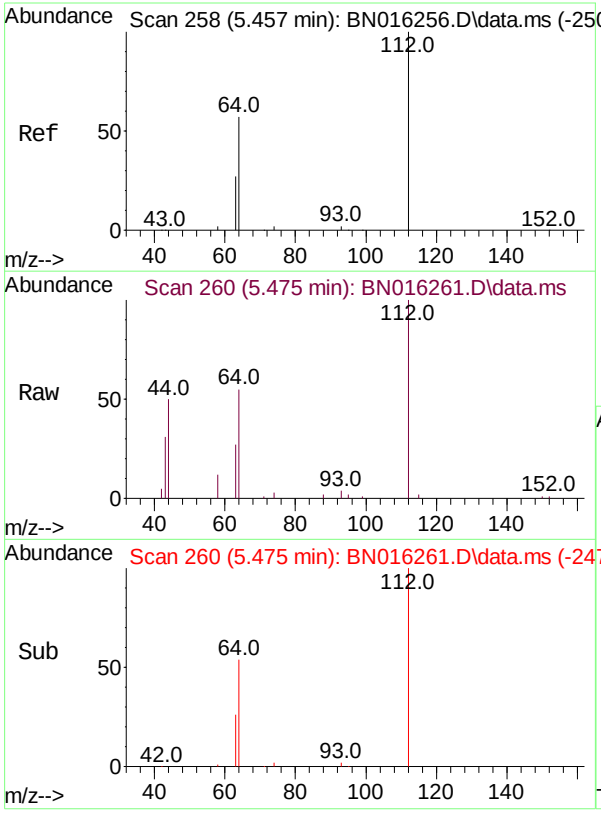



#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.863 min Scan# 519
Delta R.T. -0.001 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:152 Resp: 12735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.3 | 125.6 | 188.4 |
| 115 | 61.9 | 50.2 | 75.2 |

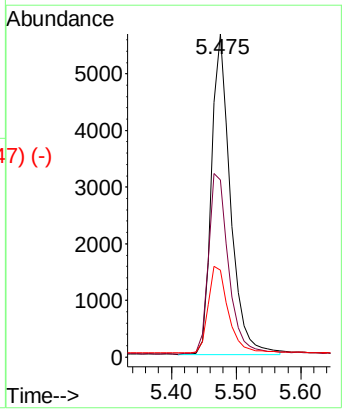


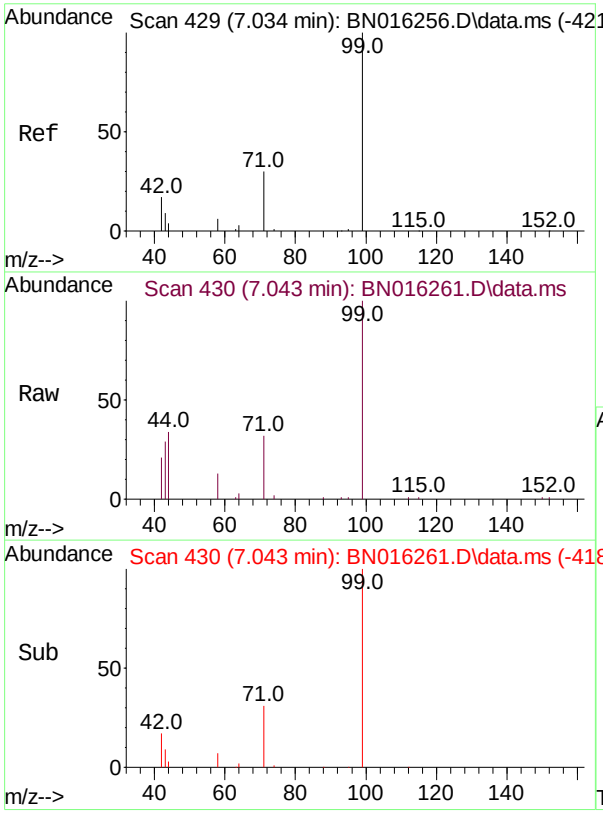

#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.475 min Scan# 260
Delta R.T. 0.018 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:112 Resp: 11443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.4 | 47.3 | 70.9 |
| 63 | 28.9 | 23.4 | 35.0 |



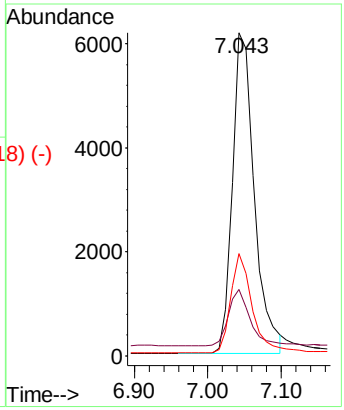
**Instrument :**
BNA_N
**ClientSampleId :**
PB138774BL

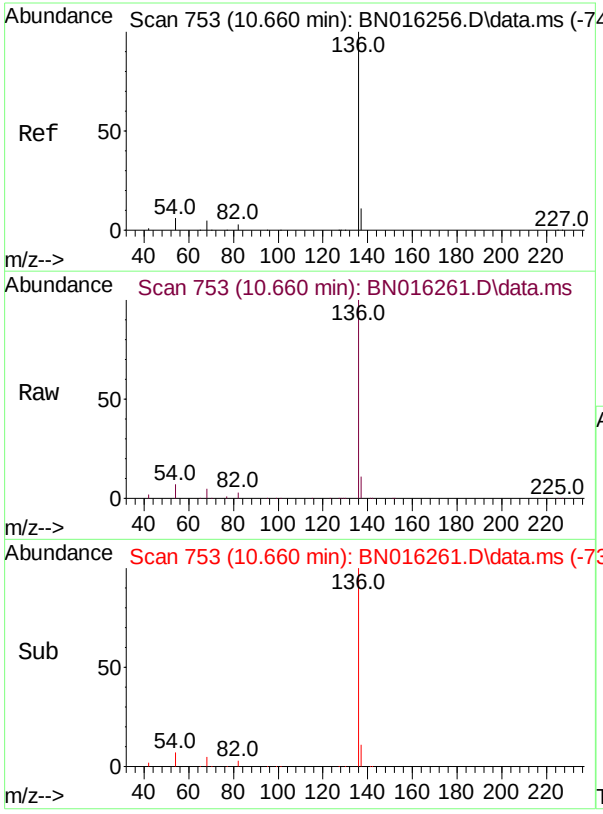



#5
Phenol-d6
Concen: 0.312 ng
RT: 7.043 min Scan# 430
Delta R.T. 0.009 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion: 99 Resp: 12699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.1 | 14.0 | 21.0 |
| 71 | 30.1 | 23.8 | 35.6 |

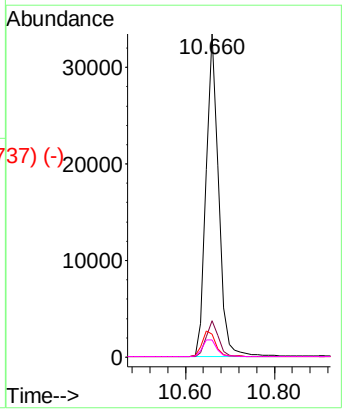


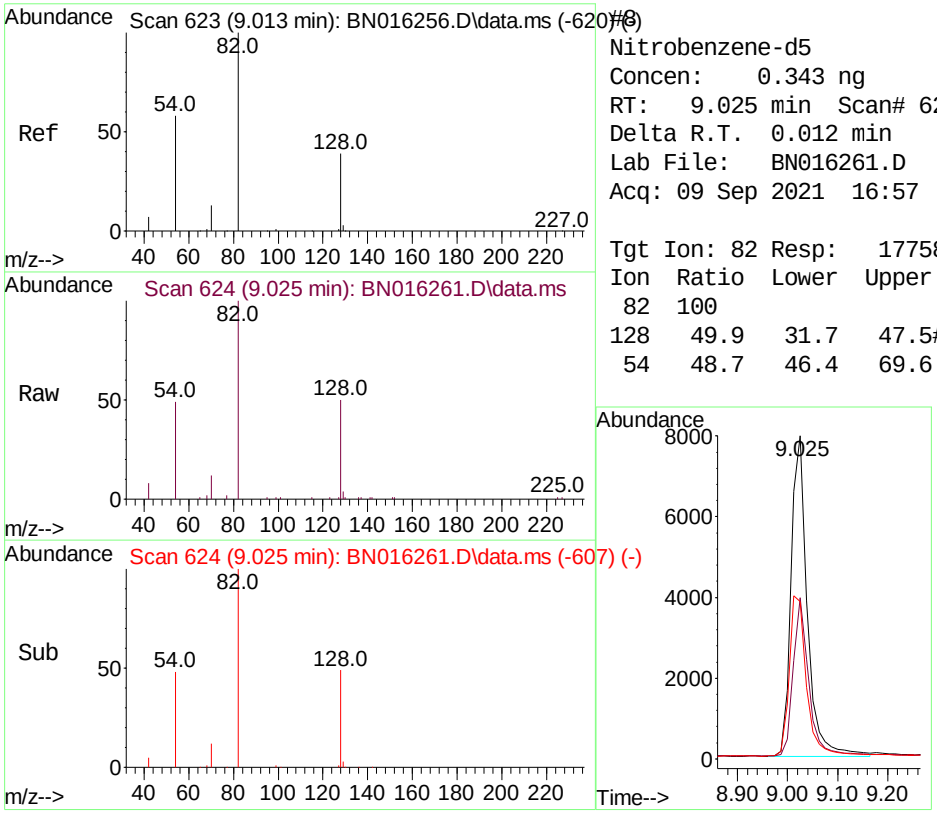

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. -0.000 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:136 Resp: 64501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 7.1 | 5.3 | 7.9 |
| 68 | 5.2 | 3.9 | 5.9 |



**Instrument :**
BNA_N
**ClientSampleId :**
PB138774BL

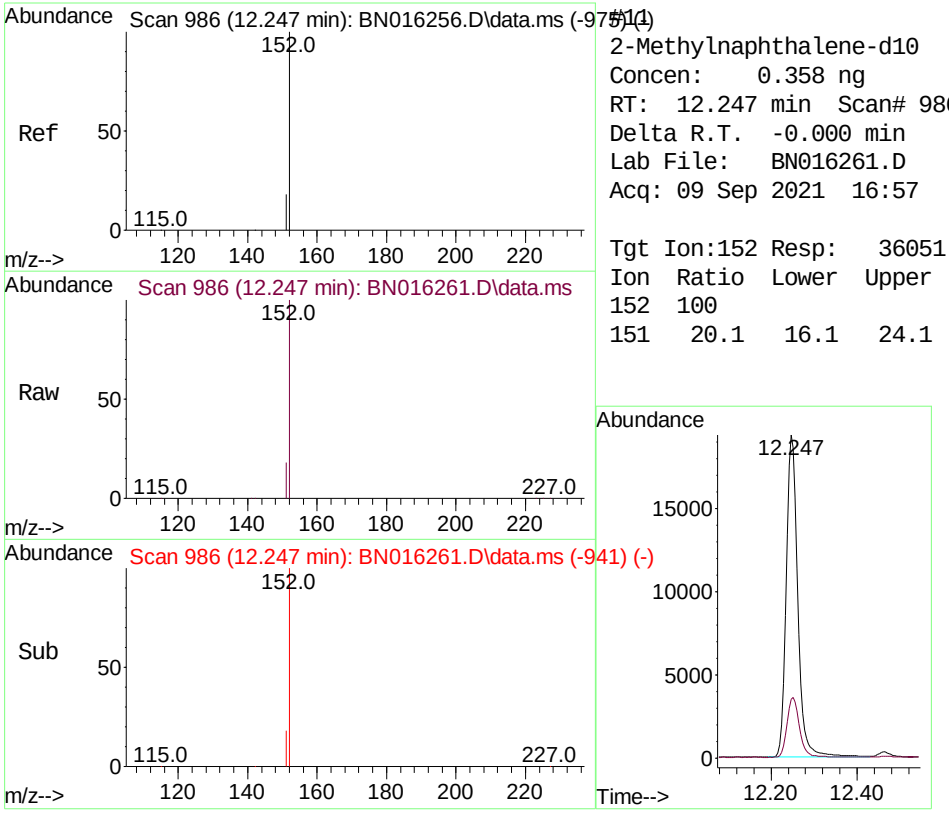



#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 9.025 min Scan# 624
Delta R.T. 0.012 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion: 82 Resp: 17758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.9 | 31.7 | 47.5# |
| 54 | 48.7 | 46.4 | 69.6 |



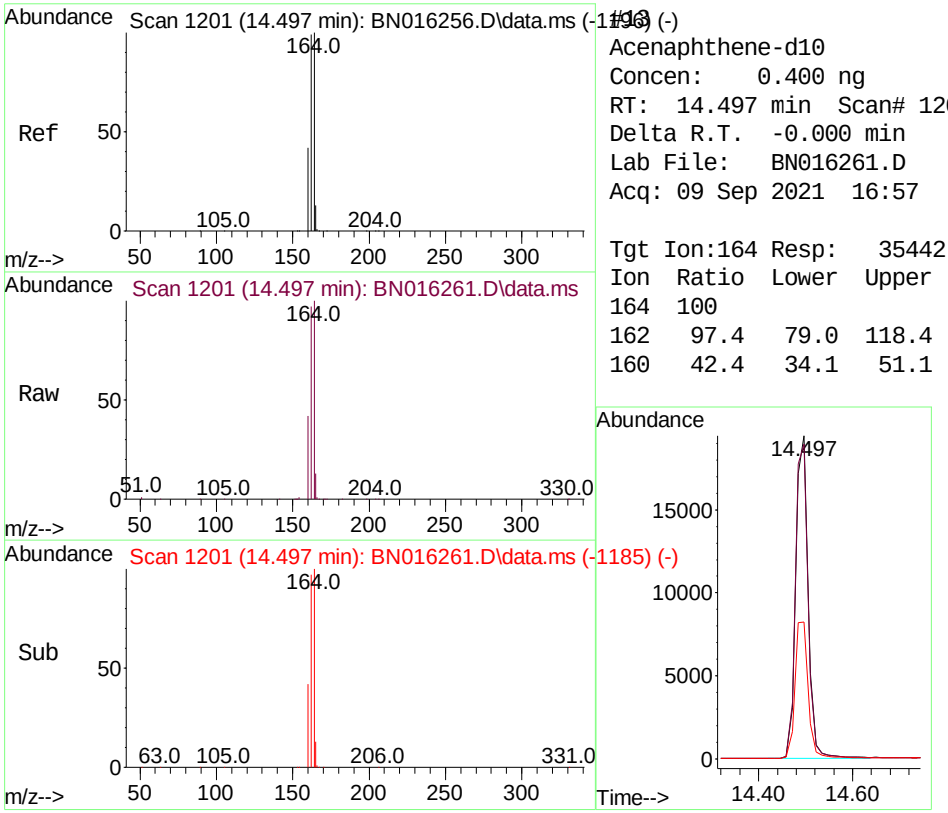




#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.247 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:152 Resp: 36051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 16.1 | 24.1 |

**Instrument :**
BNA_N
**ClientSampleId :**
PB138774BL

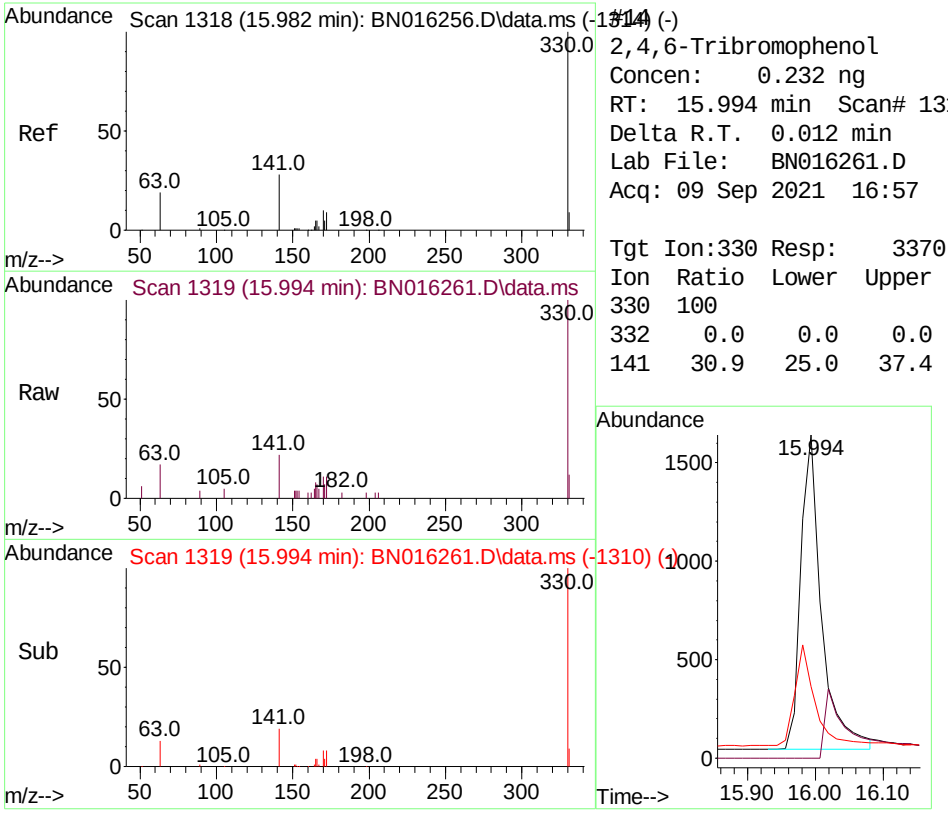



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:164 Resp: 35442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.4 | 79.0 | 118.4 |
| 160 | 42.4 | 34.1 | 51.1 |



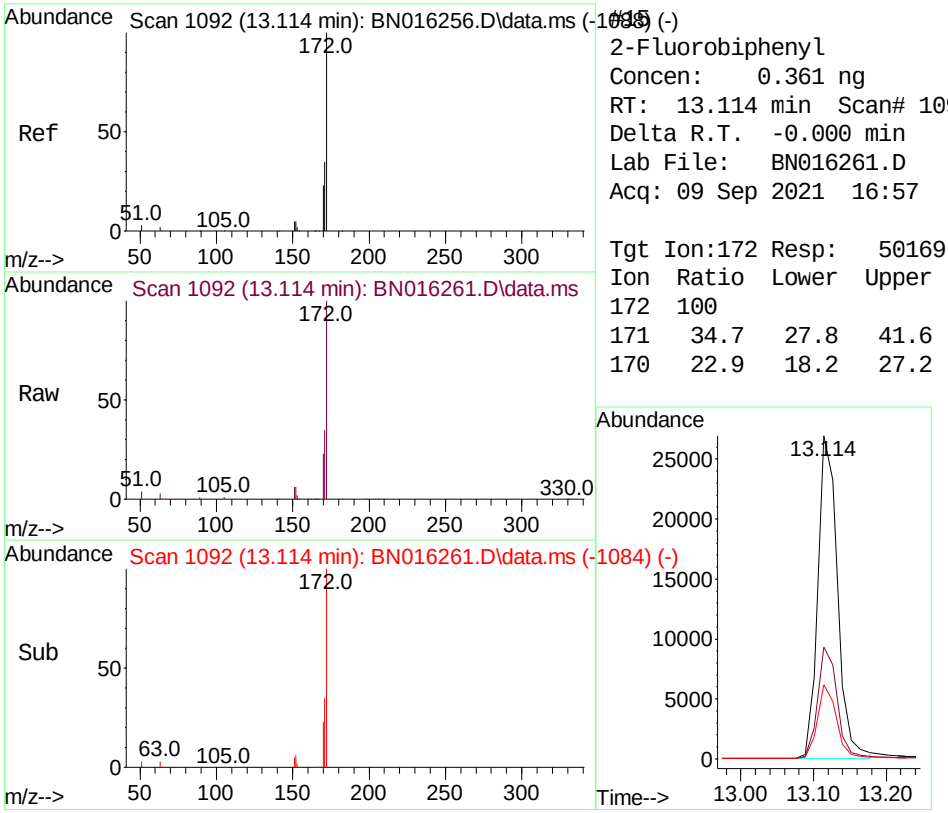




#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.012 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:330 Resp: 3370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 30.9 | 25.0 | 37.4 |

**Instrument :**
BNA_N
**ClientSampleId :**
PB138774BL

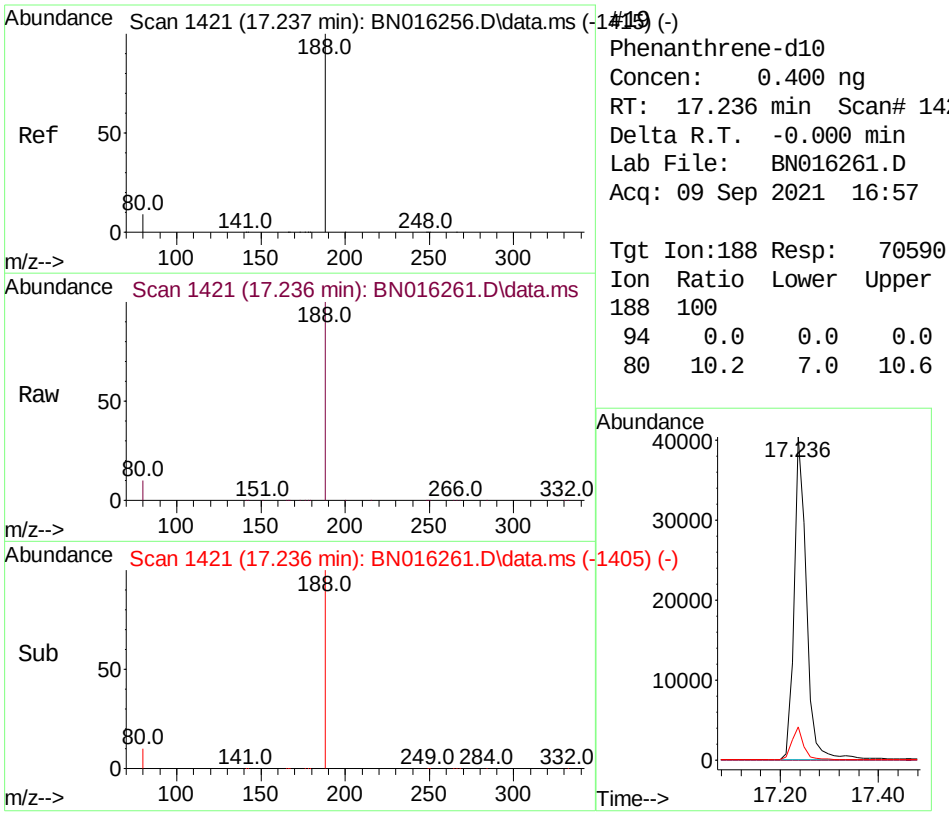



#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.114 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:172 Resp: 50169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 27.8 | 41.6 |
| 170 | 22.9 | 18.2 | 27.2 |



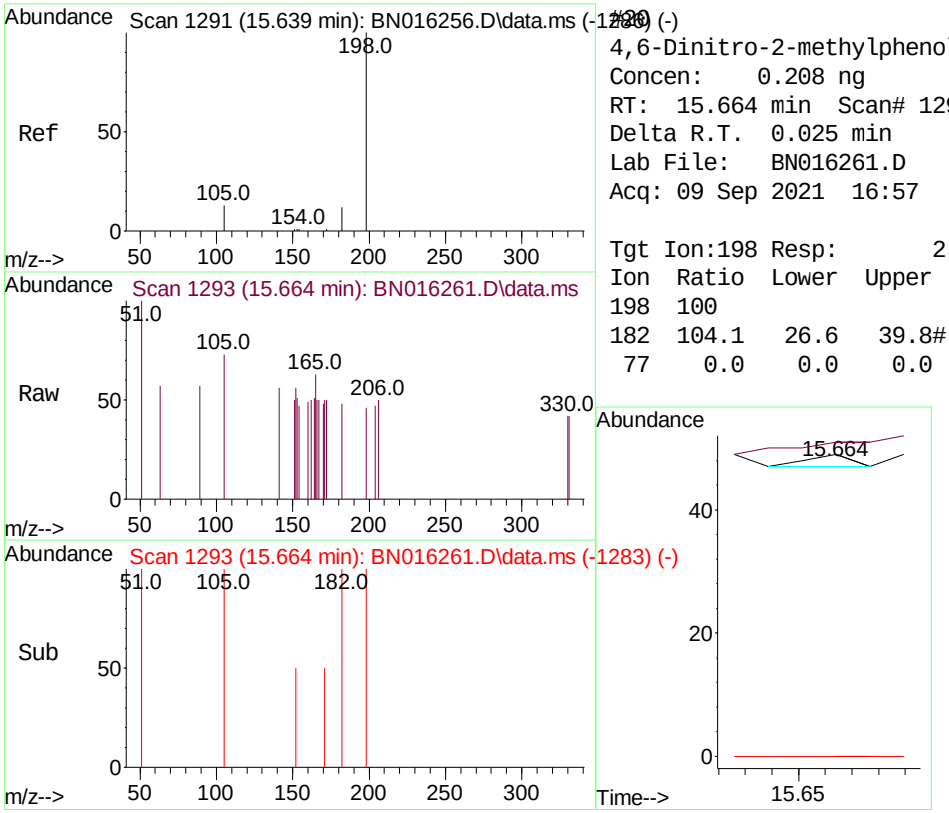




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:188 Resp: 70590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 10.2 | 7.0 | 10.6 |

**Instrument :**
BNA_N
**ClientSampleId :**
PB138774BL

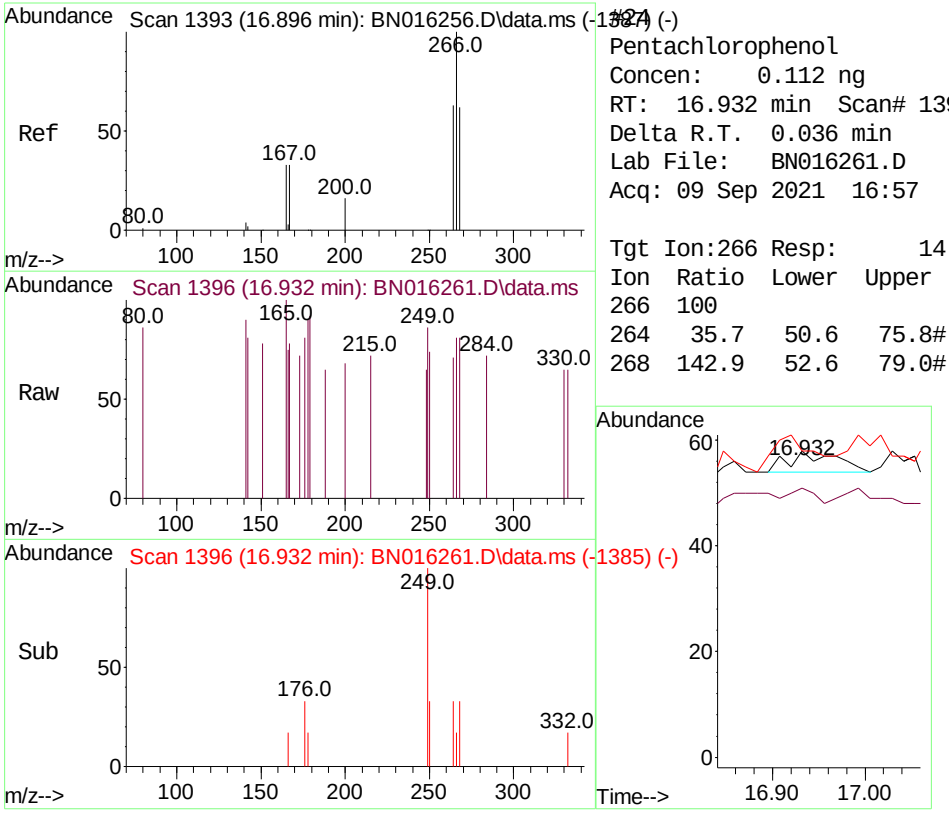



#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.664 min Scan# 1293
Delta R.T. 0.025 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:198 Resp: 2

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 182 | 104.1 | 26.6 | 39.8# |
| 77 | 0.0 | 0.0 | 0.0 |



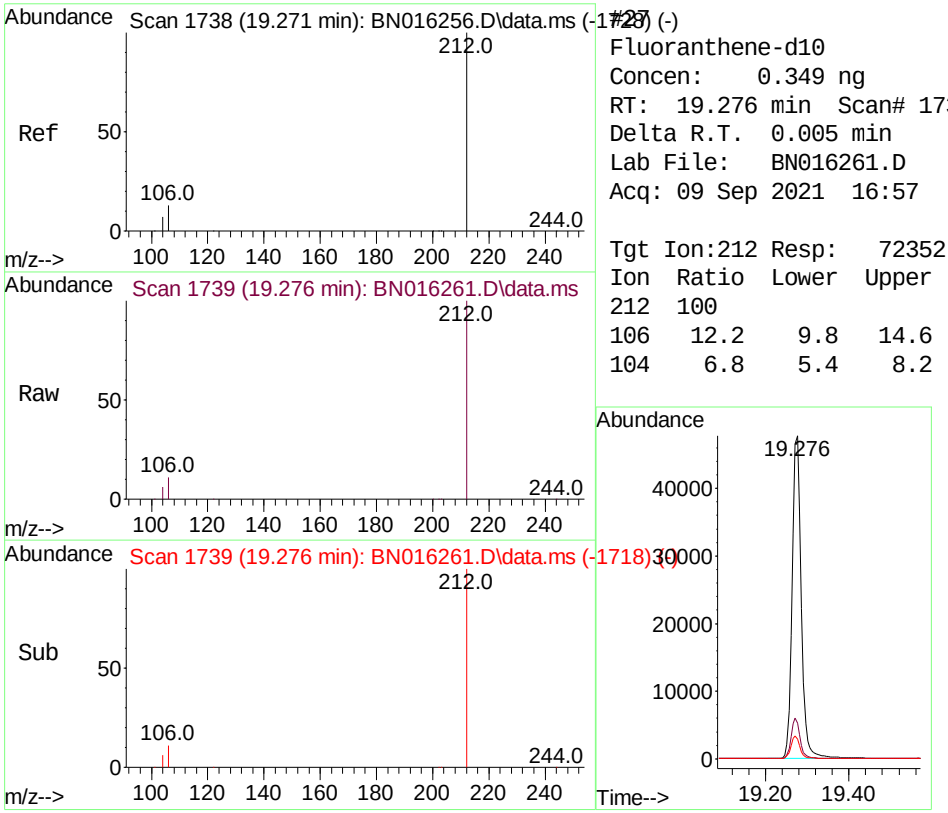




#24
Pentachlorophenol
Concen: 0.112 ng
RT: 16.932 min Scan# 1396
Delta R.T. 0.036 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:266 Resp: 14

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 35.7 | 50.6 | 75.8# |
| 268 | 142.9 | 52.6 | 79.0# |

**Instrument :**
BNA_N
**ClientSampleId :**
PB138774BL

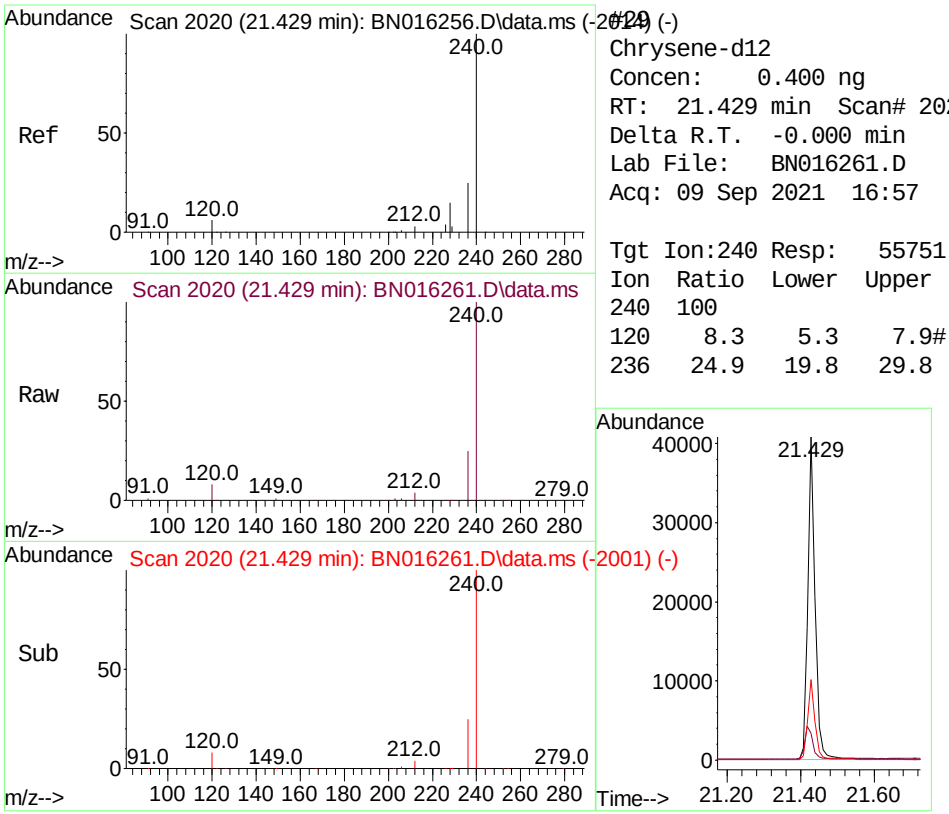



#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.276 min Scan# 1739
Delta R.T. 0.005 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:212 Resp: 72352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 12.2 | 9.8 | 14.6 |
| 104 | 6.8 | 5.4 | 8.2 |




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:240 Resp: 55751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.3 | 5.3 | 7.9# |
| 236 | 24.9 | 19.8 | 29.8 |

**Instrument :**
BNA_N
**ClientSampleId :**
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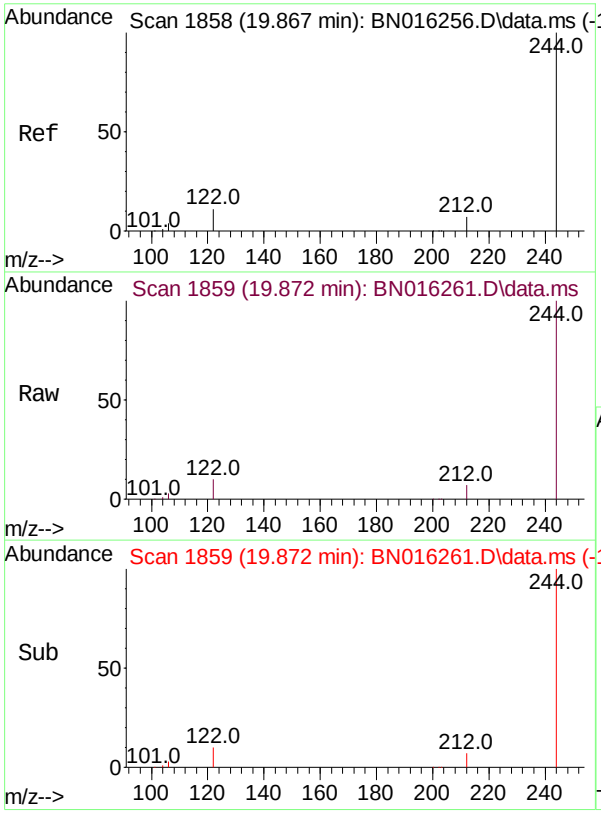
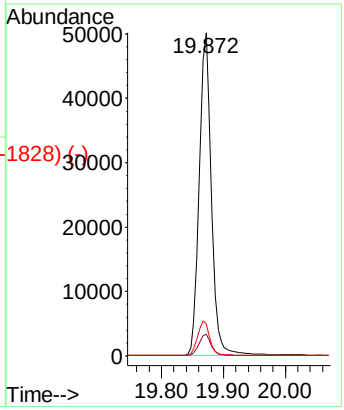
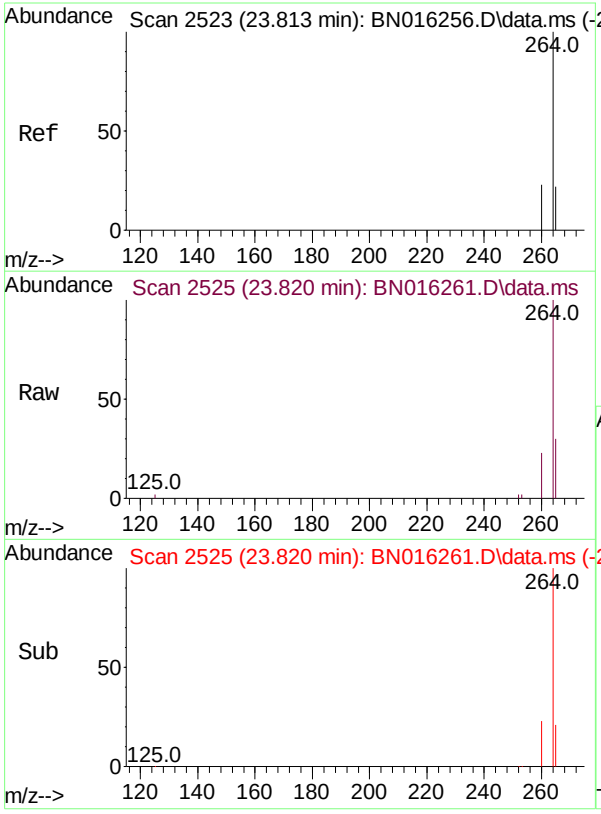



#31
Terphenyl-d14
Concen: 0.492 ng
RT: 19.872 min Scan# 1859
Delta R.T. 0.005 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:244 Resp: 68861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 5.5 | 8.3 |
| 122 | 10.0 | 9.0 | 13.4 |




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.820 min Scan# 2525
Delta R.T. 0.006 min
Lab File: BN016261.D
Acq: 09 Sep 2021 16:57

Tgt Ion:264 Resp: 29916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.9 | 28.3 |
| 265 | 29.8 | 23.7 | 35.5 |