

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120821\  
 Data File : BN017818.D  
 Acq On : 09 Dec 2021 04:00  
 Operator : CG/JU  
 Sample : M4922-07  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20211129

Quant Time: Dec 10 01:50:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN120721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 08 01:18:09 2021  
 Response via : Initial Calibration

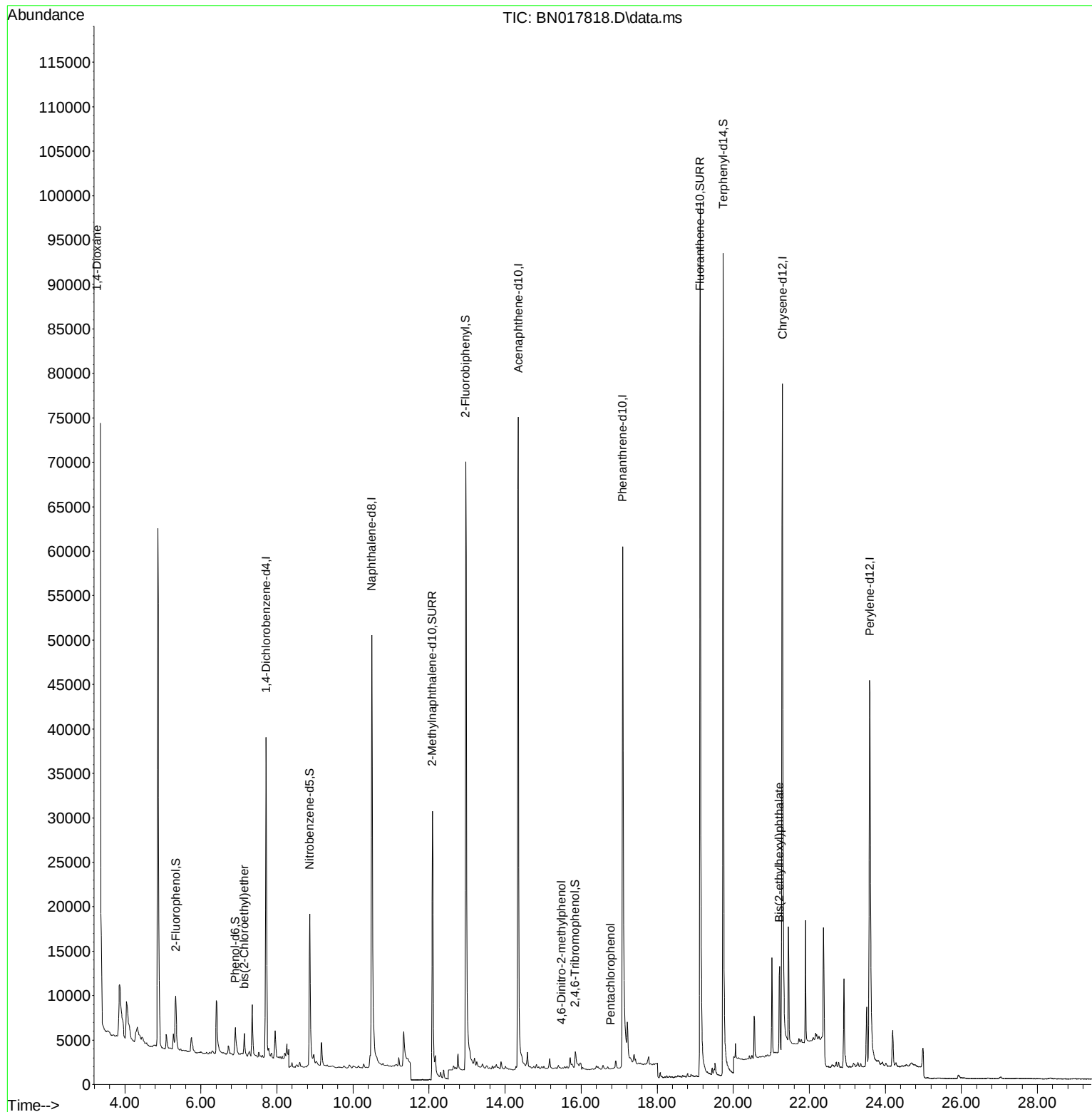
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.715  | 152  | 21092    | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.494 | 136  | 83362    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.347 | 164  | 55514    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.093 | 188  | 115623   | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.293 | 240  | 103982   | 0.40 | ng    | # 0.01   |
| 35) Perylene-d12              | 23.589 | 264  | 80558    | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.336  | 112  | 6869     | 0.13 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.903  | 99   | 3356     | 0.07 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.859  | 82   | 19485    | 0.35 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.090 | 152  | 52639    | 0.32 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.844 | 330  | 2746     | 0.09 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.964 | 172  | 78977    | 0.39 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.129 | 212  | 150059   | 0.39 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.735 | 244  | 121996   | 0.55 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.270  | 88   | 68496    | 8.82 | ng    | # 100    |
| 6) bis(2-Chloroethyl)ether    | 7.143  | 93   | 2350     | 0.04 | ng    | 96       |
| 20) 4,6-Dinitro-2-methylph... | 15.477 | 198  | 6        | 0.09 | ng    | # 12     |
| 24) Pentachlorophenol         | 16.776 | 266  | 38       | 0.28 | ng    | # 57     |
| 34) Bis(2-ethylhexyl)phtha... | 21.219 | 149  | 10693    | 0.07 | ng    | 100      |
| -----                         |        |      |          |      |       |          |

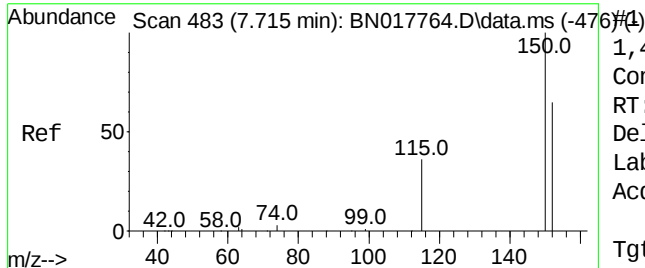
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120821\  
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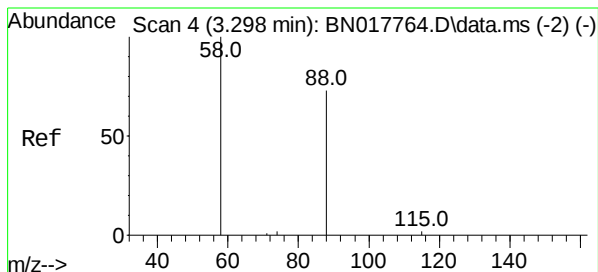
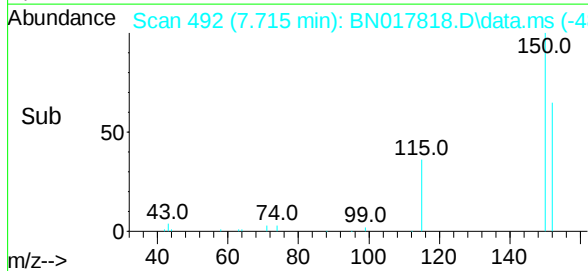
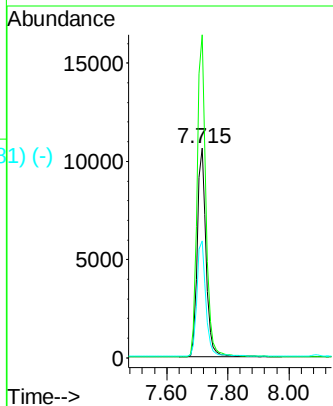
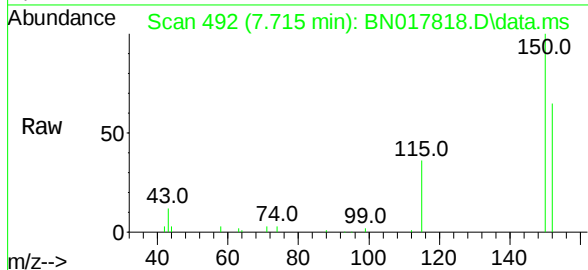




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.715 min Scan# 4  
Delta R.T. -0.000 min  
Lab File: BN017818.D  
Acq: 09 Dec 2021 04:00

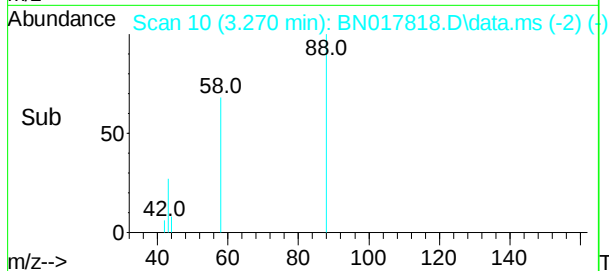
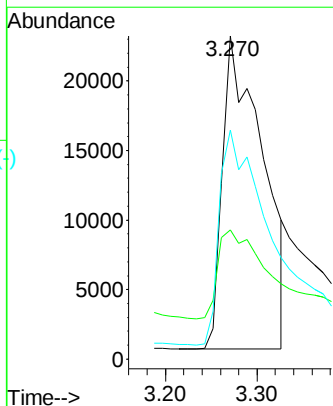
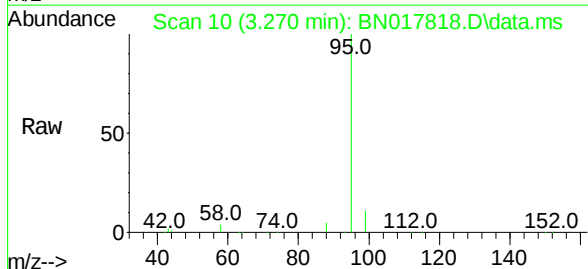
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20211129

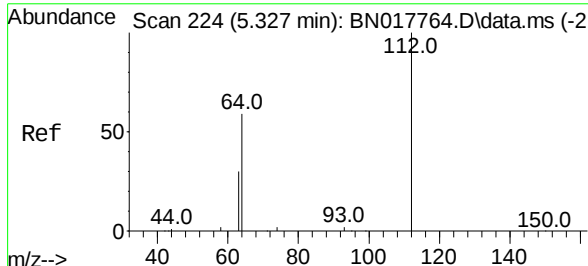
Tgt Ion:152 Resp: 21092  
Ion Ratio Lower Upper  
152 100  
150 154.0 123.0 184.4  
115 55.8 45.3 67.9



#2  
1,4-Dioxane  
Concen: 8.82 ng  
RT: 3.270 min Scan# 10  
Delta R.T. -0.028 min  
Lab File: BN017818.D  
Acq: 09 Dec 2021 04:00

Tgt Ion: 88 Resp: 68496  
Ion Ratio Lower Upper  
88 100  
43 31.3 0.0 0.0#  
58 73.5 0.0 0.0#





2-Fluorophenol

Concen: 0.13 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017818.D

Acq: 09 Dec 2021 04:00

Instrument :

BNA\_N

ClientSampleId :

RE132D6-20211129

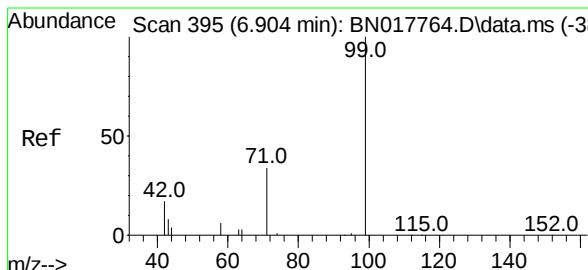
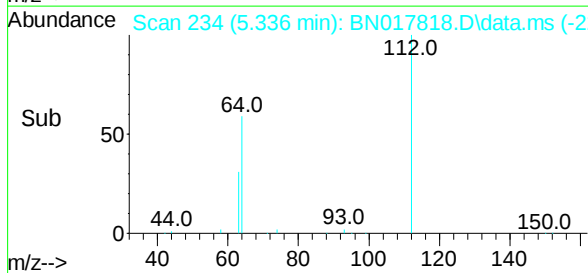
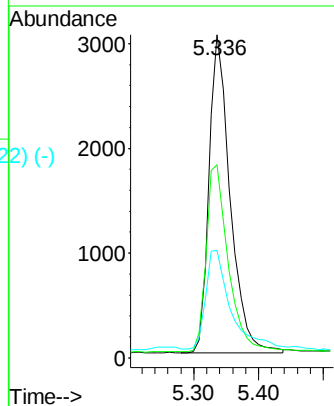
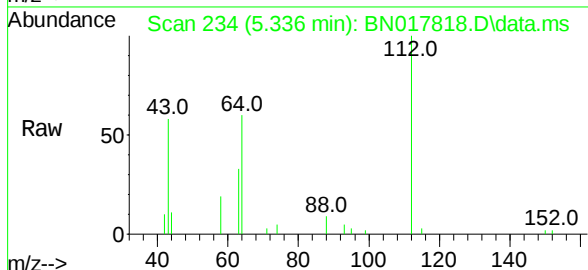
Tgt Ion:112 Resp: 6869

Ion Ratio Lower Upper

112 100

64 61.3 49.3 73.9

63 36.4 25.8 38.8



Phenol-d6

Concen: 0.07 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017818.D

Acq: 09 Dec 2021 04:00

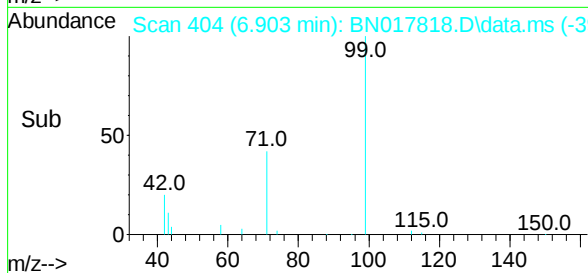
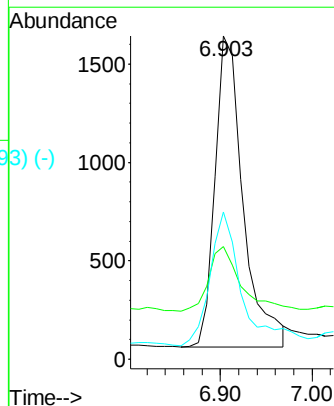
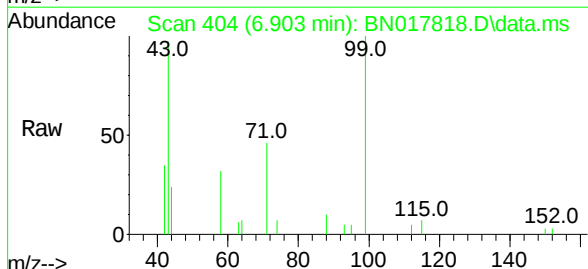
Tgt Ion: 99 Resp: 3356

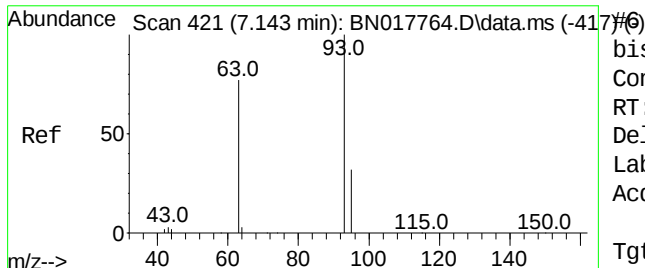
Ion Ratio Lower Upper

99 100

42 23.2 16.6 25.0

71 45.8 29.0 43.4#

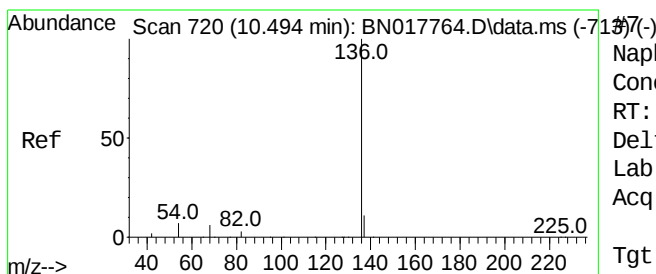
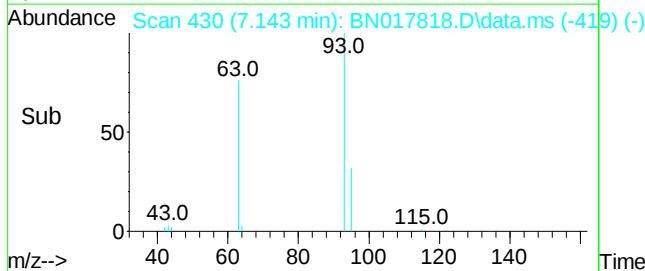
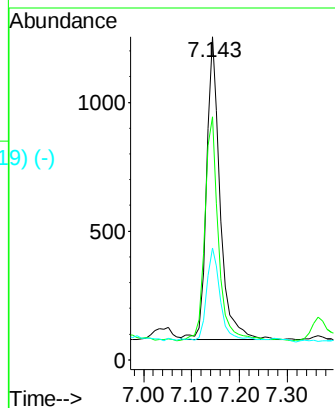
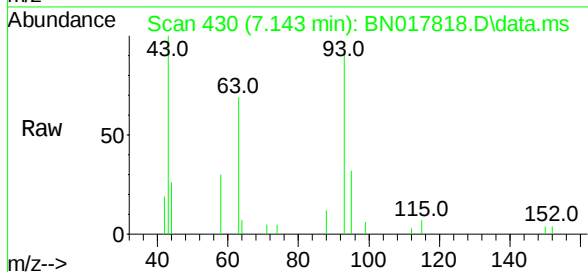




bis(2-Chloroethyl)ether  
 Concen: 0.04 ng  
 RT: 7.143 min Scan# 417  
 Delta R.T. -0.000 min  
 Lab File: BN017818.D  
 Acq: 09 Dec 2021 04:00

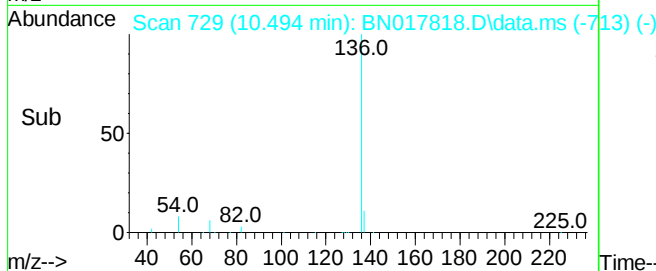
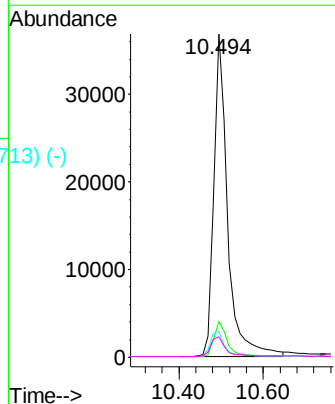
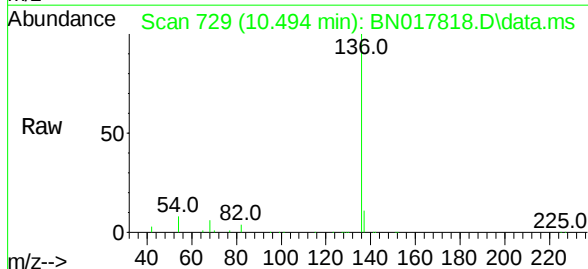
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20211129

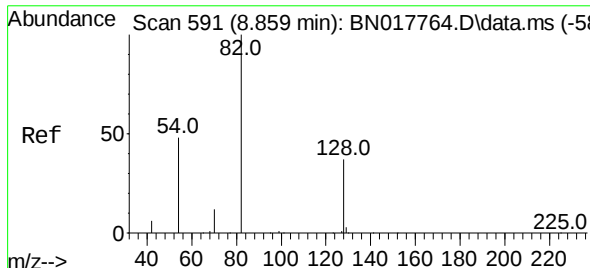
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 2350  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 74.2  | 62.0  | 93.0  |
| 95       | 30.0  | 26.4  | 39.6  |



Naphthalene-d8  
 Concen: 0.40 ng  
 RT: 10.494 min Scan# 729  
 Delta R.T. -0.000 min  
 Lab File: BN017818.D  
 Acq: 09 Dec 2021 04:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 83362 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.1  | 8.8   | 13.2  |
| 54       | 7.9   | 5.9   | 8.9   |
| 68       | 6.3   | 5.0   | 7.6   |





Nitrobenzene-d5

Concen: 0.35 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017818.D

Acq: 09 Dec 2021 04:00

Instrument :

BNA\_N

ClientSampleId :

RE132D6-20211129

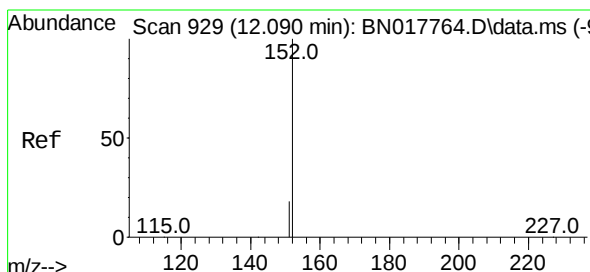
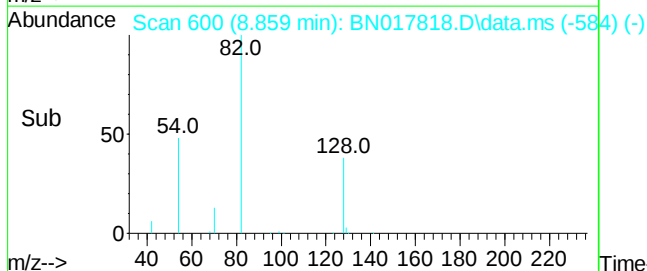
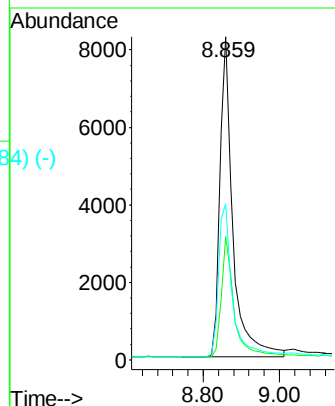
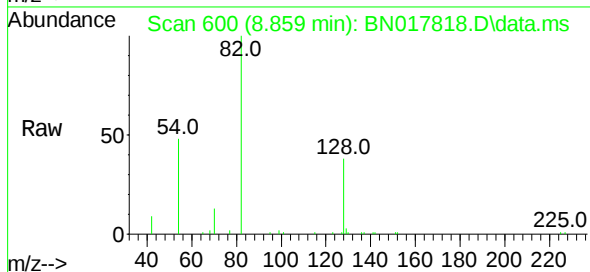
Tgt Ion: 82 Resp: 19485

Ion Ratio Lower Upper

82 100

128 38.2 30.2 45.2

54 48.2 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.32 ng

RT: 12.090 min Scan# 938

Delta R.T. -0.000 min

Lab File: BN017818.D

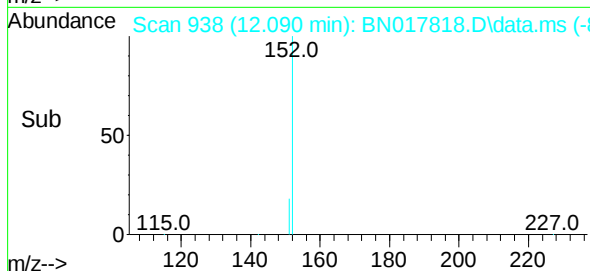
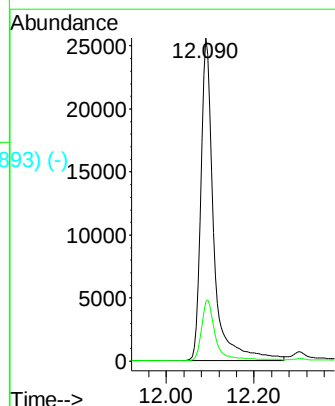
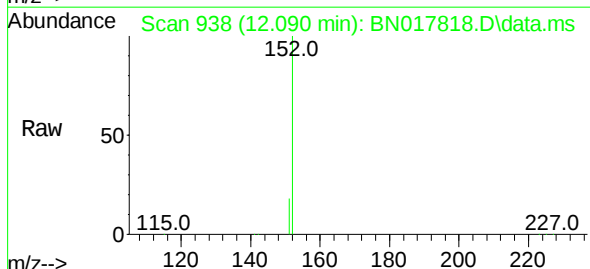
Acq: 09 Dec 2021 04:00

Tgt Ion: 152 Resp: 52639

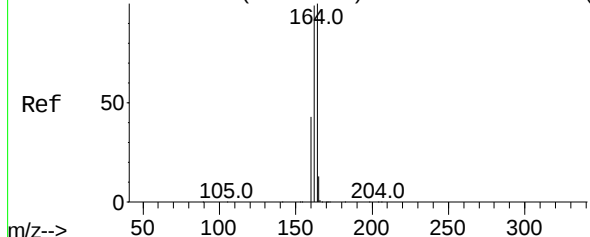
Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6



Abundance Scan 1168 (14.348 min): BN017764.D\data.ms (-1168) (-)



Acenaphthene-d10

Concen: 0.40 ng

RT: 14.347 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BN017818.D

Acq: 09 Dec 2021 04:00

Instrument :

BNA\_N

ClientSampleId :

RE132D6-20211129

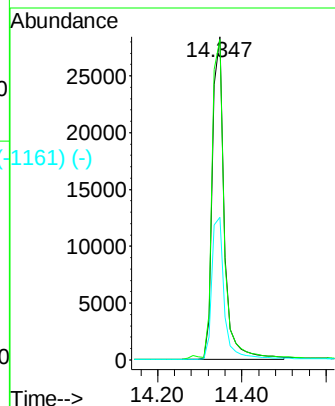
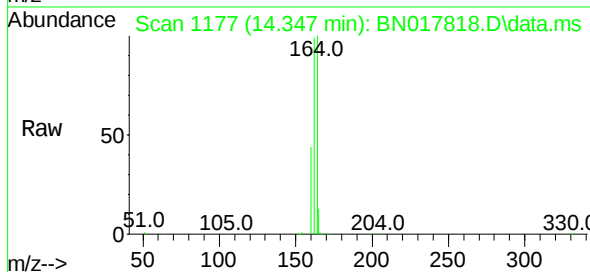
Tgt Ion:164 Resp: 55514

Ion Ratio Lower Upper

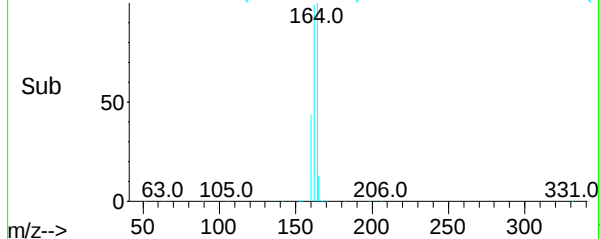
164 100

162 99.2 79.0 118.6

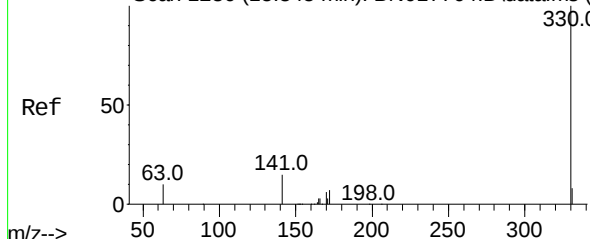
160 44.2 34.6 52.0



Abundance Scan 1177 (14.347 min): BN017818.D\data.ms (-1161) (-)



Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1286) (-)



2,4,6-Tribromophenol

Concen: 0.09 ng

RT: 15.844 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BN017818.D

Acq: 09 Dec 2021 04:00

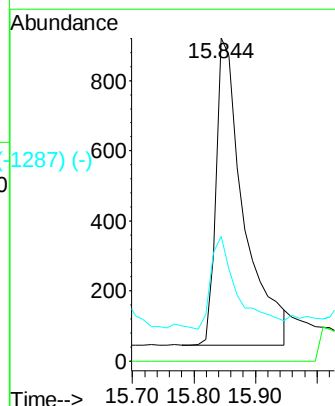
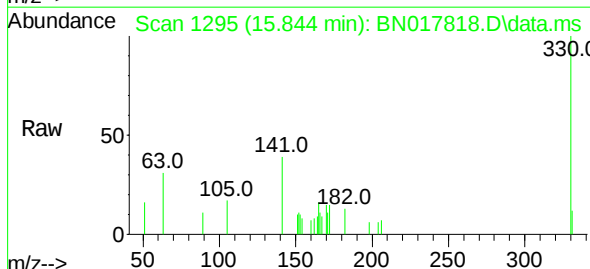
Tgt Ion:330 Resp: 2746

Ion Ratio Lower Upper

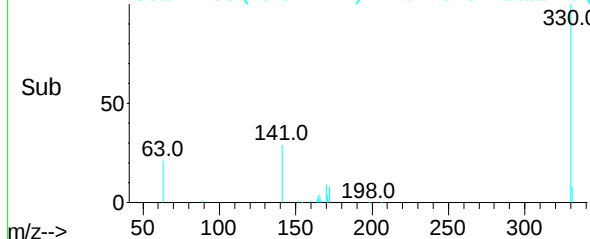
330 100

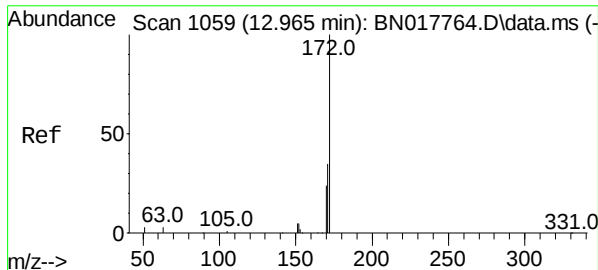
332 0.0 0.0 0.0

141 29.4 21.5 32.3



Abundance Scan 1295 (15.844 min): BN017818.D\data.ms (-1287) (-)

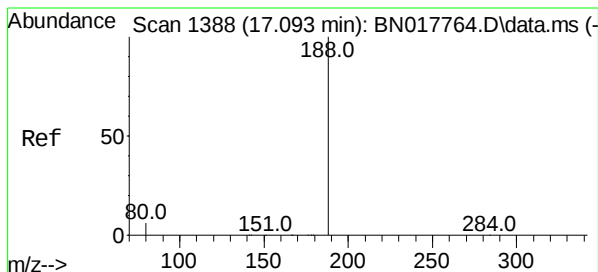
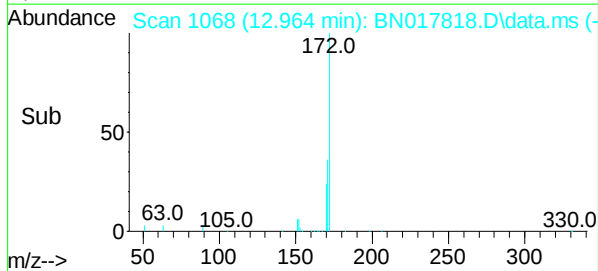
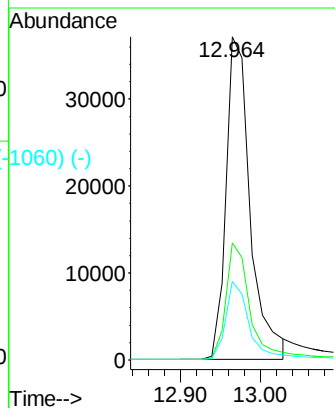
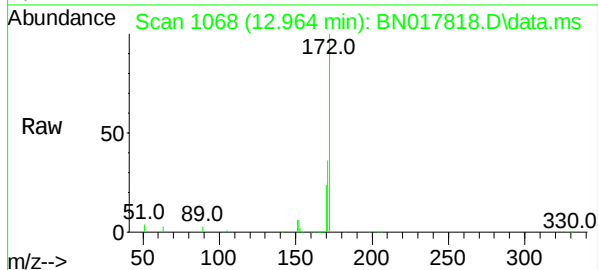




2-Fluorobiphenyl  
Concen: 0.39 ng  
RT: 12.964 min Scan# 1059  
Delta R.T. -0.000 min  
Lab File: BN017818.D  
Acq: 09 Dec 2021 04:00

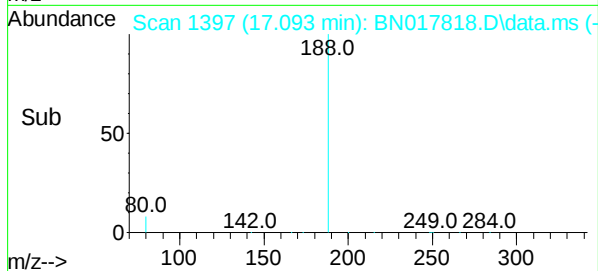
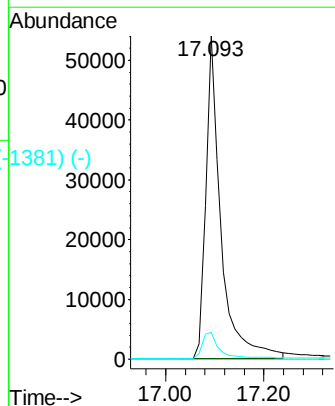
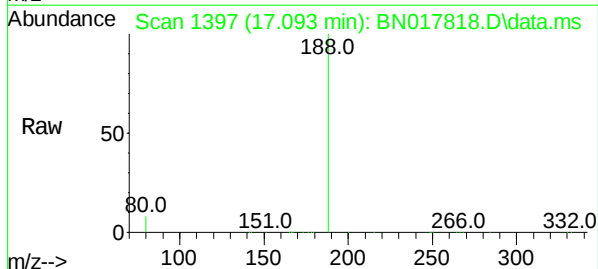
Instrument :  
BNA\_N  
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RE132D6-20211129

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 78977 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.2  | 28.1  | 42.1  |
| 170      | 24.3  | 18.9  | 28.3  |



Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.093 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: BN017818.D  
Acq: 09 Dec 2021 04:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 115623 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 0.0   | 0.0   | 0.0    |
| 80       | 8.3   | 5.1   | 7.7#   |



Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1259) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.09 ng

RT: 15.477 min Scan# 1266

Delta R.T. -0.012 min

Lab File: BN017818.D

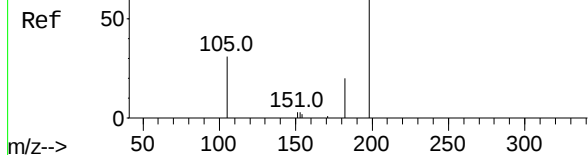
Acq: 09 Dec 2021 04:00

Instrument :

BNA\_N

ClientSampleId :

RE132D6-20211129



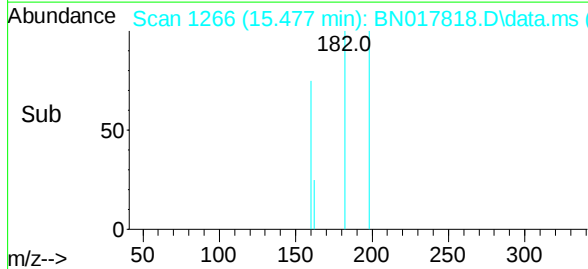
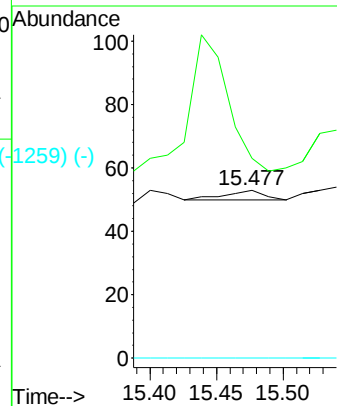
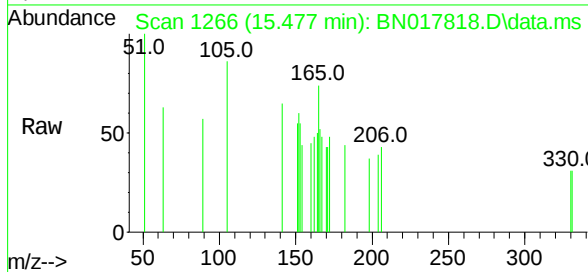
Tgt Ion:198 Resp: 6

Ion Ratio Lower Upper

198 100

182 118.9 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1362) (-)

Pentachlorophenol

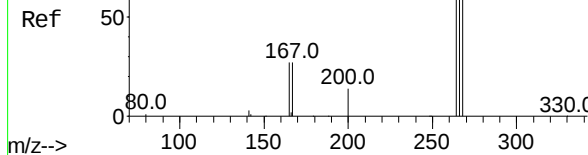
Concen: 0.28 ng

RT: 16.776 min Scan# 1371

Delta R.T. 0.012 min

Lab File: BN017818.D

Acq: 09 Dec 2021 04:00



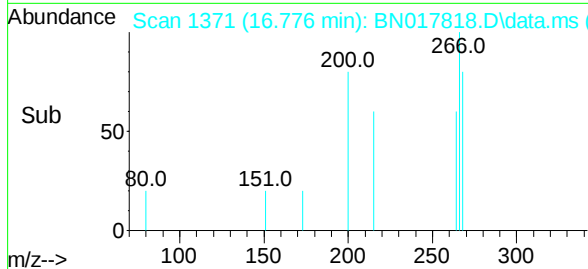
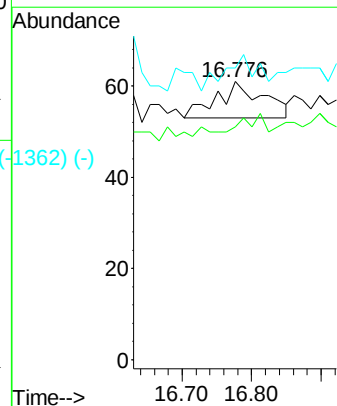
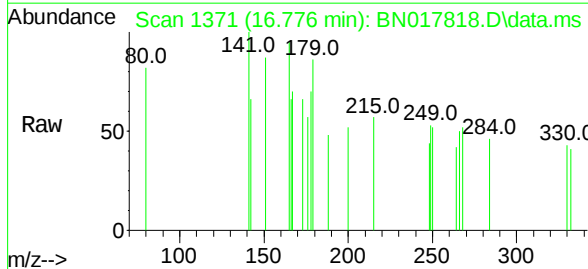
Tgt Ion:266 Resp: 38

Ion Ratio Lower Upper

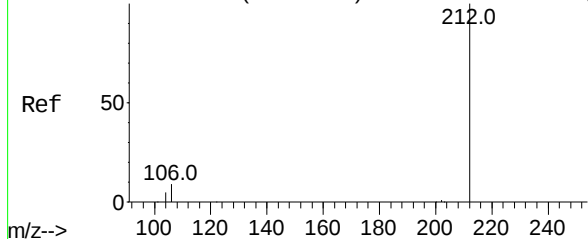
266 100

264 0.0 50.8 76.2#

268 68.4 51.8 77.6



Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)



Fluoranthene-d10

Concen: 0.39 ng

RT: 19.129 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BN017818.D

Acq: 09 Dec 2021 04:00

Instrument :

BNA\_N

ClientSampleId :

RE132D6-20211129

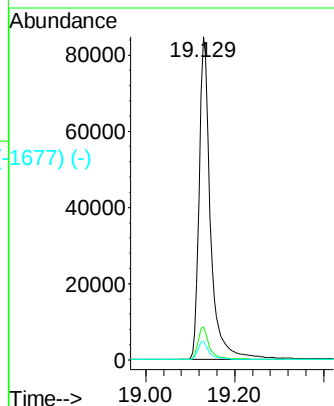
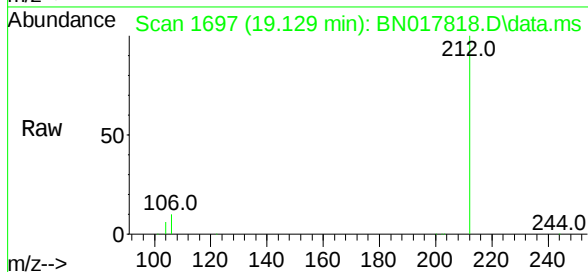
Tgt Ion:212 Resp: 150059

Ion Ratio Lower Upper

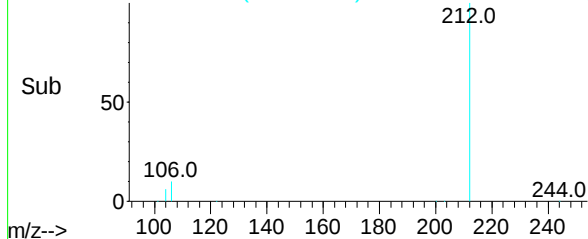
212 100

106 10.1 8.2 12.2

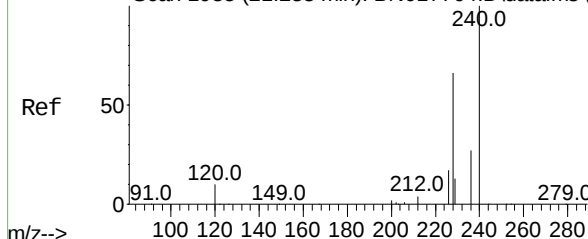
104 5.6 4.6 6.8



Abundance Scan 1697 (19.129 min): BN017818.D\data.ms (-1677) (-)



Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1929) (-)



Chrysene-d12

Concen: 0.40 ng

RT: 21.293 min Scan# 1995

Delta R.T. 0.010 min

Lab File: BN017818.D

Acq: 09 Dec 2021 04:00

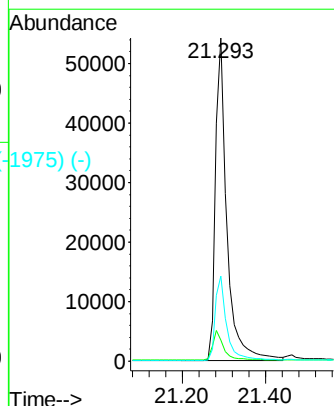
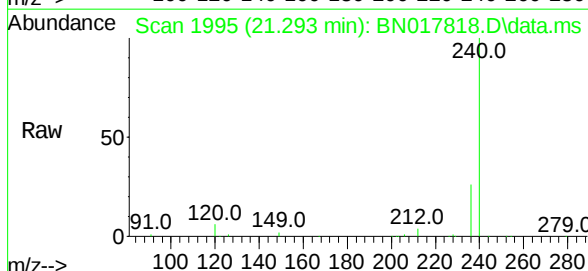
Tgt Ion:240 Resp: 103982

Ion Ratio Lower Upper

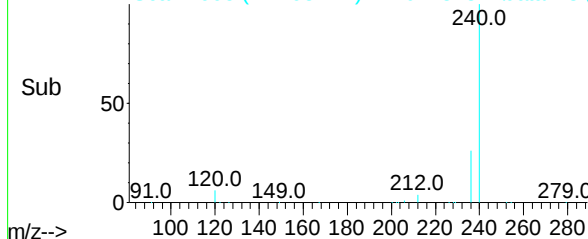
240 100

120 6.5 7.9 11.9#

236 26.2 21.4 32.2



Abundance Scan 1995 (21.293 min): BN017818.D\data.ms (-1975) (-)



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1781) (-)

Terphenyl-d14

Concen: 0.55 ng

RT: 19.735 min Scan# 1810

Delta R.T. -0.000 min

Lab File: BN017818.D

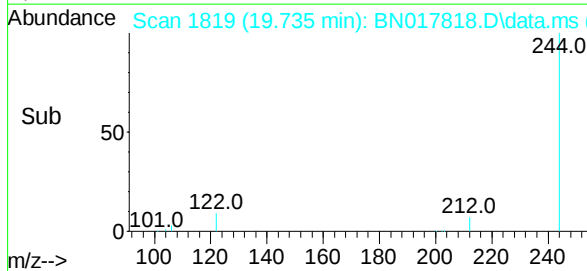
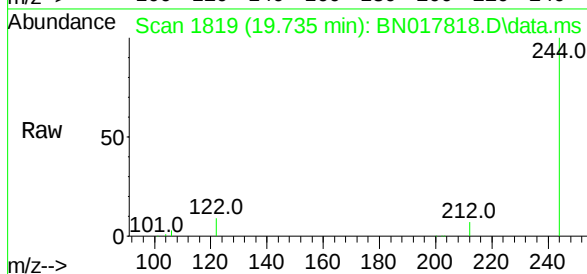
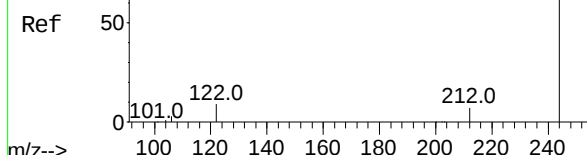
Acq: 09 Dec 2021 04:00

Instrument :

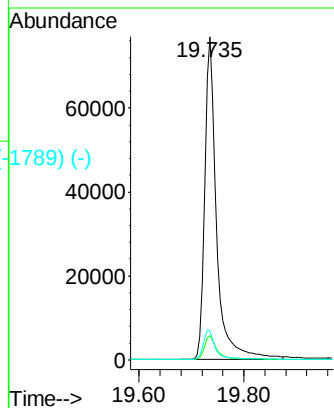
BNA\_N

ClientSampleId :

RE132D6-20211129



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 244   | Resp: | 121996 |
| Ion      | Ratio | Lower | Upper  |
| 244      | 100   |       |        |
| 212      | 7.4   | 5.8   | 8.8    |
| 122      | 8.8   | 7.1   | 10.7   |



Abundance Scan 1979 (21.219 min): BN017764.D\data.ms (-1782) (-)

Bis(2-ethylhexyl)phthalate

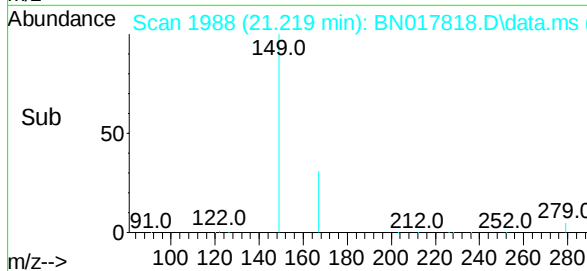
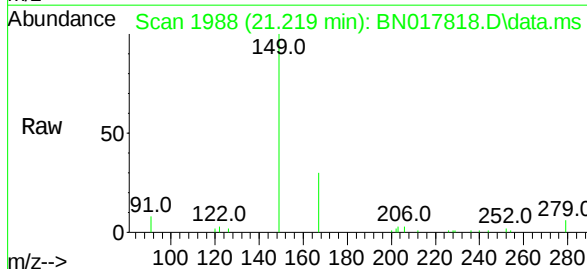
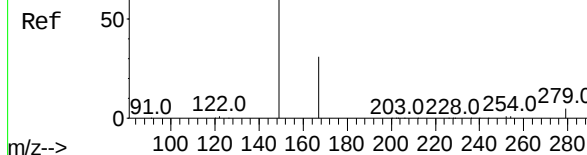
Concen: 0.07 ng

RT: 21.219 min Scan# 1988

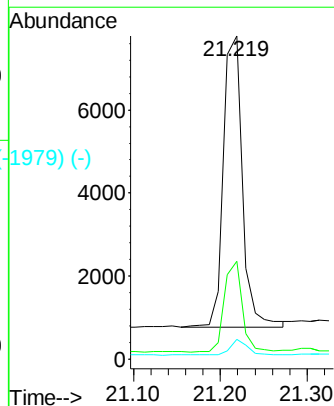
Delta R.T. -0.000 min

Lab File: BN017818.D

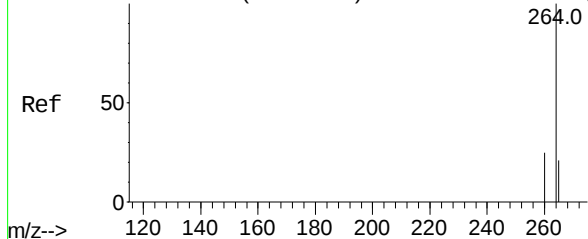
Acq: 09 Dec 2021 04:00



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 10693 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 29.3  | 23.5  | 35.3  |
| 279      | 4.8   | 3.8   | 5.6   |



Abundance Scan 2434 (23.582 min): BN017764.D\data.ms (-2434) (-)



Perylene-d12

Concen: 0.40 ng

RT: 23.589 min Scan# 1

Delta R.T. 0.007 min

Lab File: BN017818.D

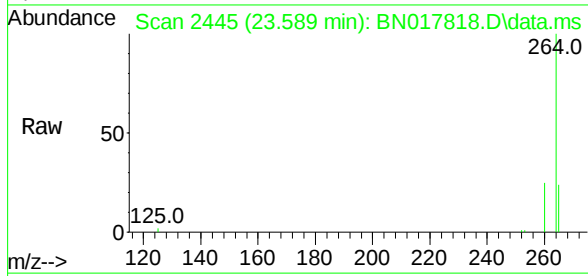
Acq: 09 Dec 2021 04:00

Instrument :

BNA\_N

ClientSampleId :

RE132D6-20211129



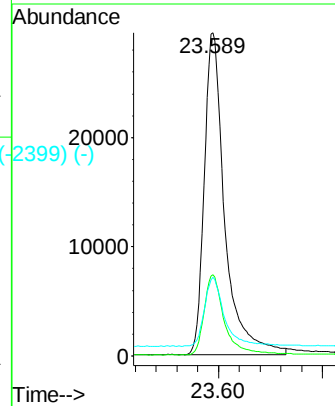
Tgt Ion:264 Resp: 80558

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 24.3 20.5 30.7



Abundance Scan 2445 (23.589 min): BN017818.D\data.ms (-2399) (-)

