

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\  
 Data File : BN008008.D  
 Acq On : 04 Oct 2019 17:59  
 Operator : JU  
 Sample : PB123460BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Oct 05 01:25:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 03 18:39:49 2019  
 Response via : Initial Calibration

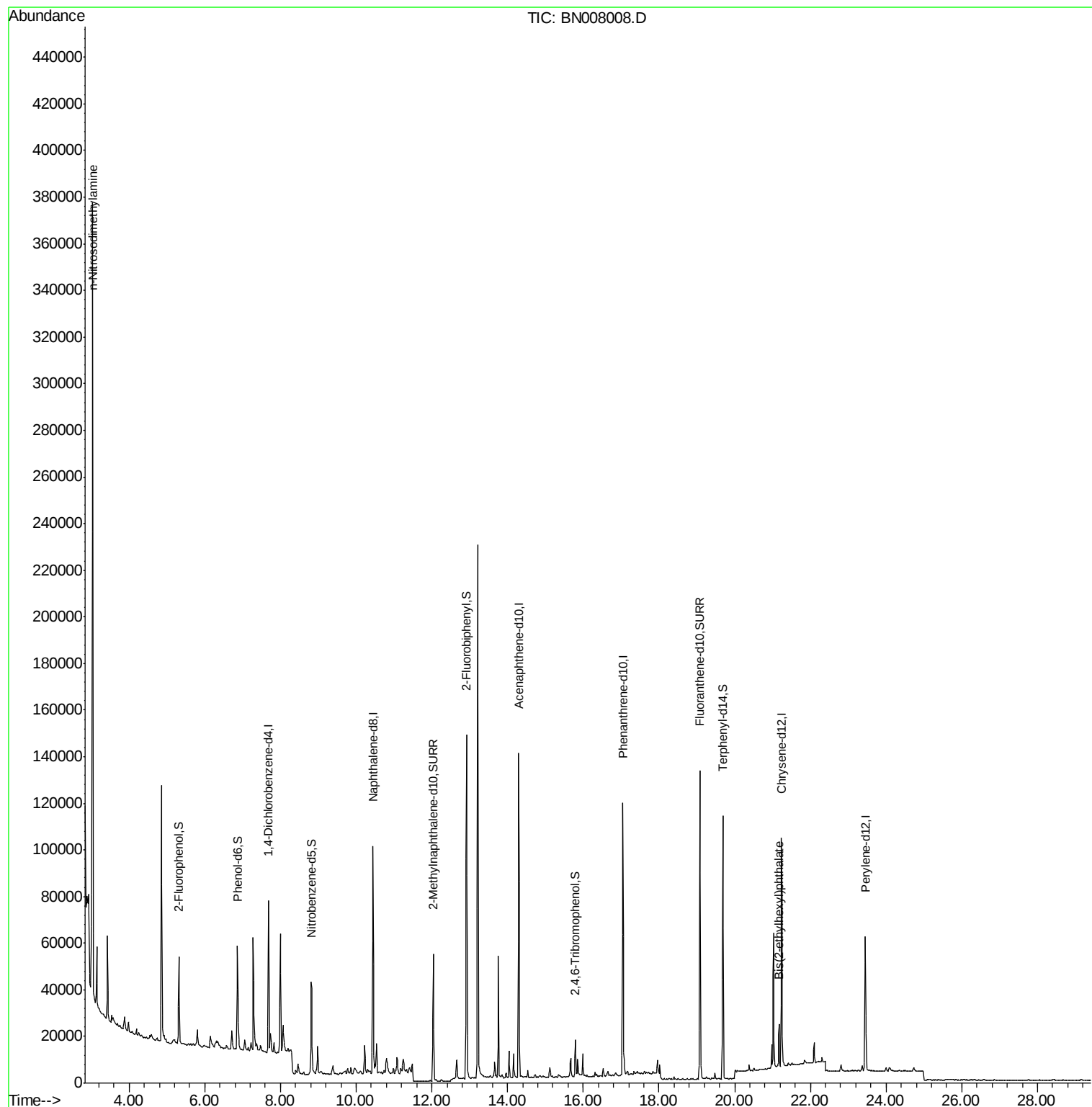
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.68  | 152  | 30715    | 0.40  | ng    | -0.02       |
| 7) Naphthalene-d8              | 10.44 | 136  | 129921   | 0.40  | ng    | -0.03       |
| 13) Acenaphthene-d10           | 14.30 | 164  | 77645    | 0.40  | ng    | -0.03       |
| 19) Phenanthrene-d10           | 17.05 | 188  | 147664   | 0.40  | ng    | -0.03       |
| 27) Chrysene-d12               | 21.24 | 240  | 97832    | 0.40  | ng    | -0.03       |
| 34) Perylene-d12               | 23.45 | 264  | 73169    | 0.40  | ng    | -0.04       |
| System Monitoring Compounds    |       |      |          |       |       |             |
| 4) 2-Fluorophenol              | 5.32  | 112  | 31193    | 0.30  | ng    | 0.00        |
| 5) Phenol-d6                   | 6.86  | 99   | 44662    | 0.34  | ng    | 0.00        |
| 8) Nitrobenzene-d5             | 8.81  | 82   | 38151    | 0.34  | ng    | -0.03       |
| 11) 2-Methylnaphthalene-d10    | 12.04 | 152  | 74426    | 0.34  | ng    | -0.03       |
| 14) 2,4,6-Tribromophenol       | 15.79 | 330  | 12133    | 0.29  | ng    | -0.03       |
| 15) 2-Fluorobiphenyl           | 12.92 | 172  | 102564   | 0.32  | ng    | -0.03       |
| 25) Fluoranthene-d10           | 19.08 | 212  | 152787   | 0.31  | ng    | -0.03       |
| 29) Terphenyl-d14              | 19.69 | 244  | 115975   | 0.48  | ng    | -0.03       |
| Target Compounds               |       |      |          |       |       |             |
| 3) n-Nitrosodimethylamine      | 3.04  | 42   | 28120    | 1.793 | ng    | Qvalue # 66 |
| 32) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 17311    | 0.093 | ng    | 100         |

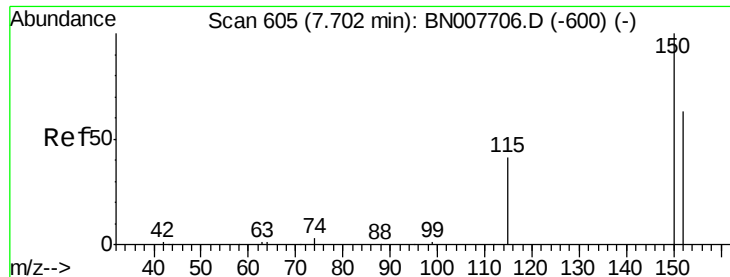
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M  
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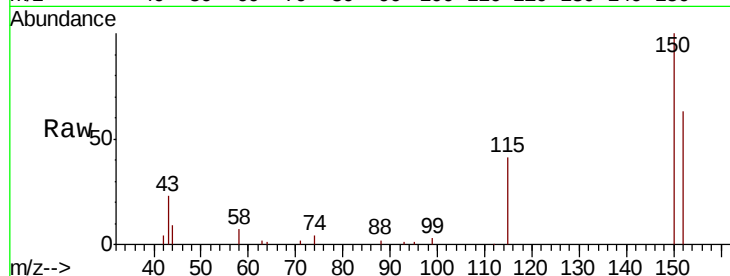


#1

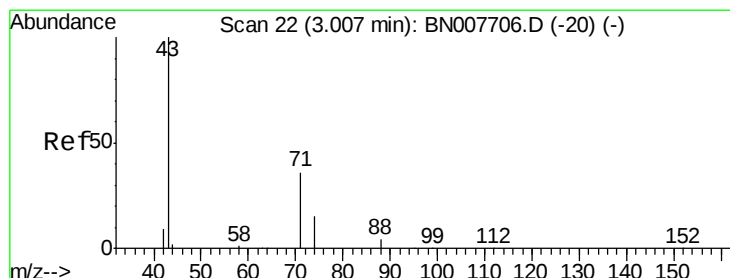
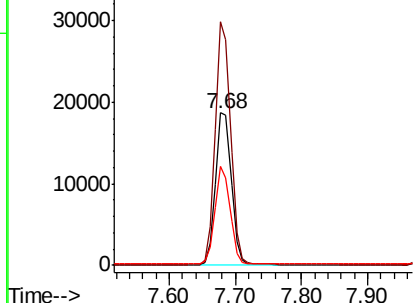
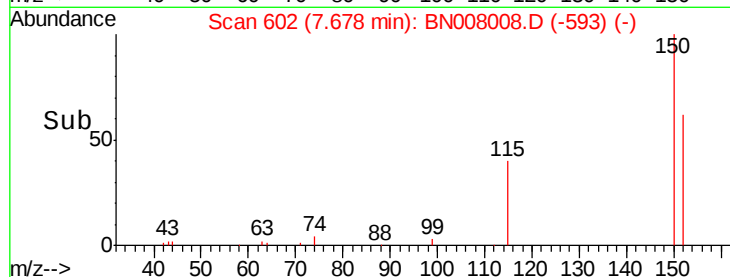
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.68 min Scan# 602  
Delta R.T. -0.02 min  
Lab File: BN008008.D  
Acq: 04 Oct 2019 17:59

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:152 Resp: 30715  
Ion Ratio Lower Upper  
152 100  
150 159.8 125.6 188.4  
115 65.1 53.3 79.9



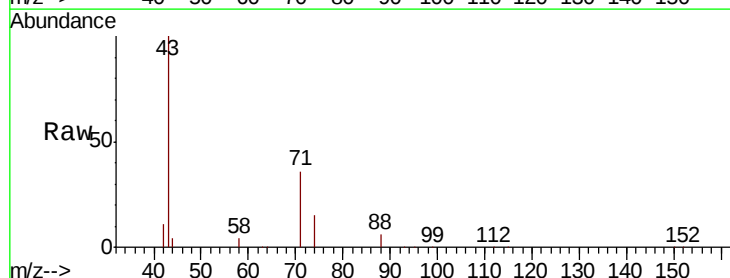
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



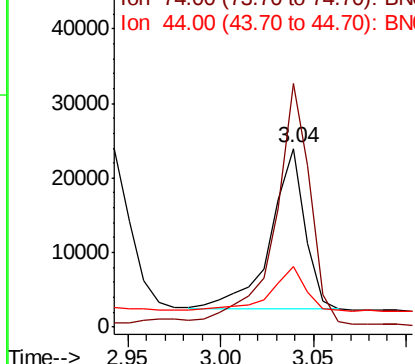
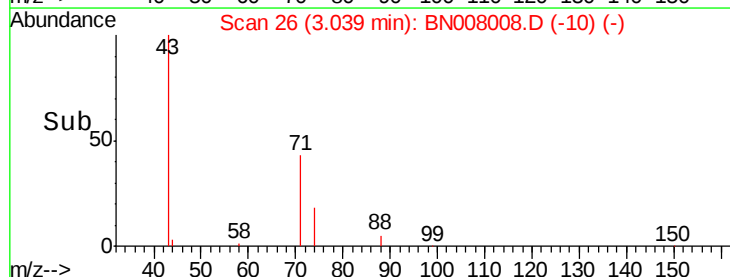
#3

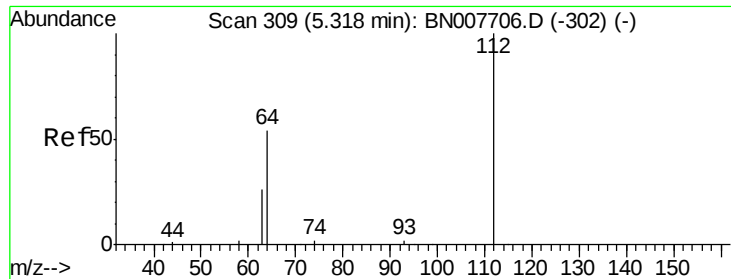
n-Nitrosodimethylamine  
Concen: 1.793 ng  
RT: 3.04 min Scan# 26  
Delta R.T. 0.03 min  
Lab File: BN008008.D  
Acq: 04 Oct 2019 17:59

Tgt Ion: 42 Resp: 28120  
Ion Ratio Lower Upper  
42 100  
74 151.8 87.9 131.9#  
44 26.8 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC  
Ion 74.00 (73.70 to 74.70): BNC  
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.295 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN008008.D

Acq: 04 Oct 2019 17:59

Instrument :

BNA\_N

ClientSampled :

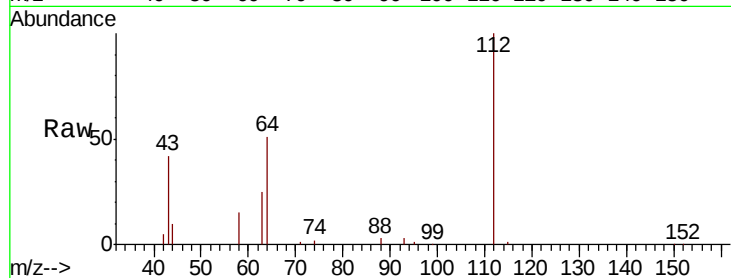
Tot Ion:112 Resp: 31193

Ion Ratio Lower Upper

112 100

64 58.7 46.6 70.0

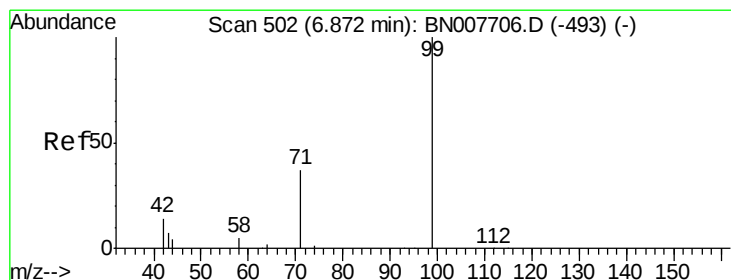
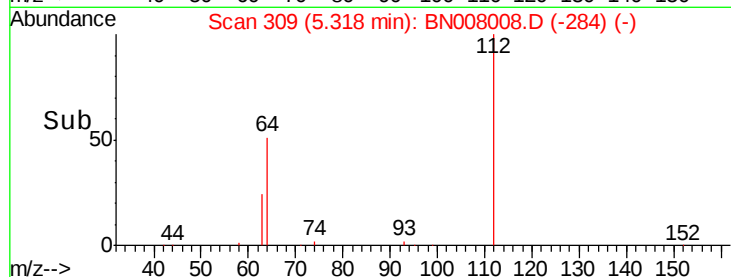
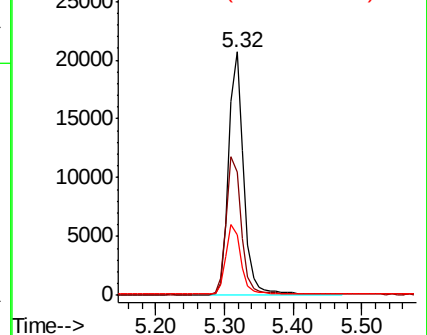
63 29.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.338 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN008008.D

Acq: 04 Oct 2019 17:59

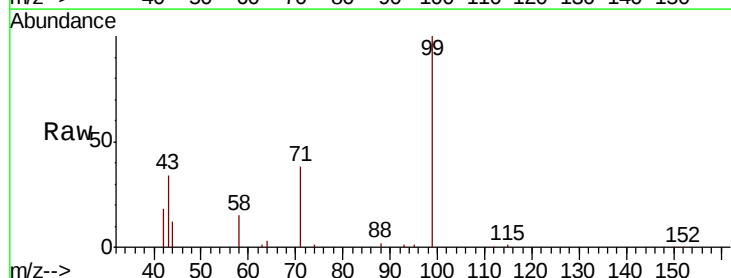
Tgt Ion: 99 Resp: 44662

Ion Ratio Lower Upper

99 100

42 14.9 12.8 19.2

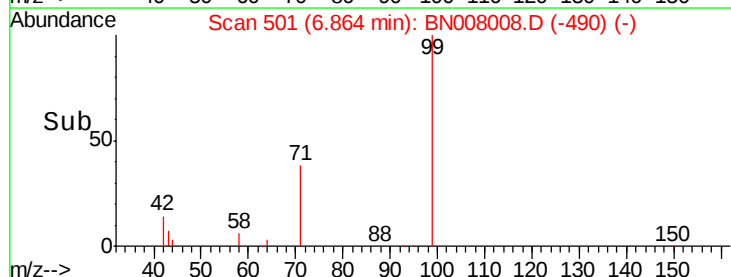
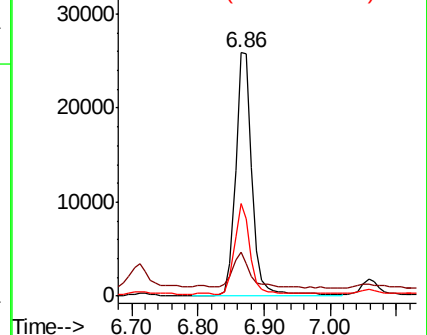
71 35.0 27.6 41.4

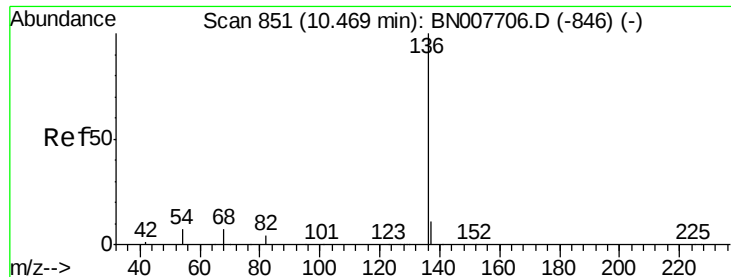


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008008.D

Acq: 04 Oct 2019 17:59

Instrument :

BNA\_N

ClientSampleId :

Tot Ion:136 Resp: 129921

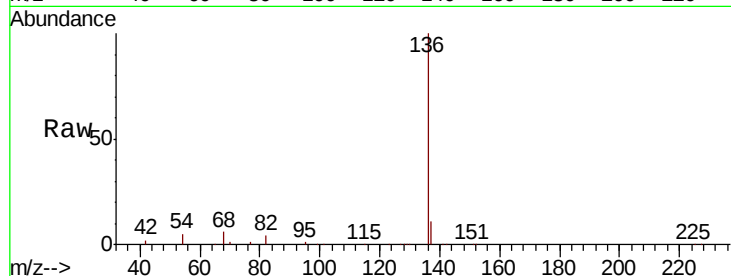
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 5.5 5.8 8.8#

68 6.1 6.5 9.7#

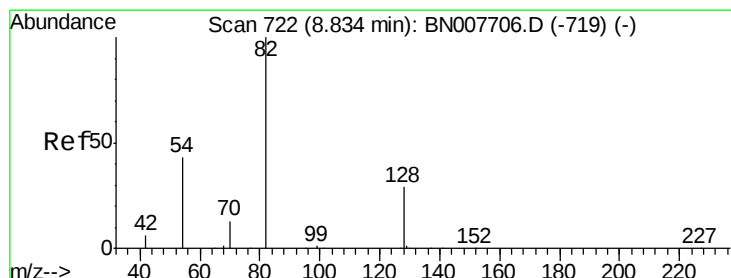
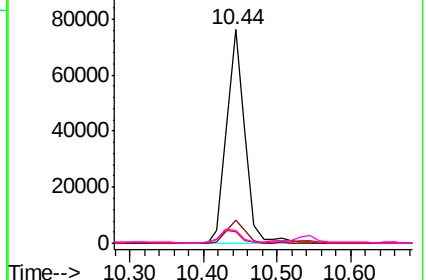
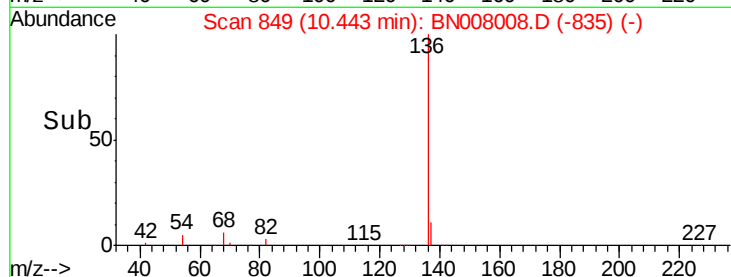


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.336 ng

RT: 8.81 min Scan# 720

Delta R.T. -0.03 min

Lab File: BN008008.D

Acq: 04 Oct 2019 17:59

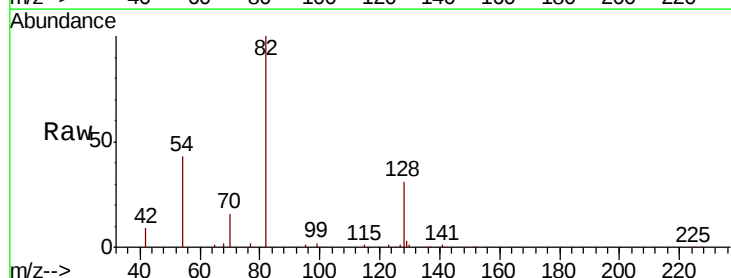
Tgt Ion: 82 Resp: 38151

Ion Ratio Lower Upper

82 100

128 30.9 24.5 36.7

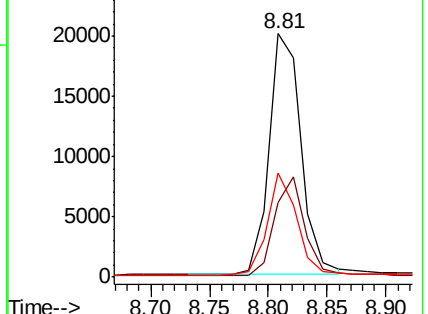
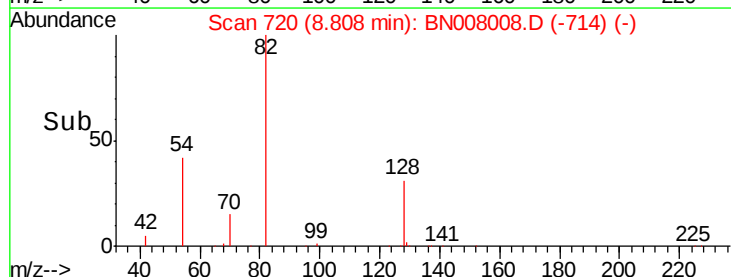
54 42.7 35.2 52.8

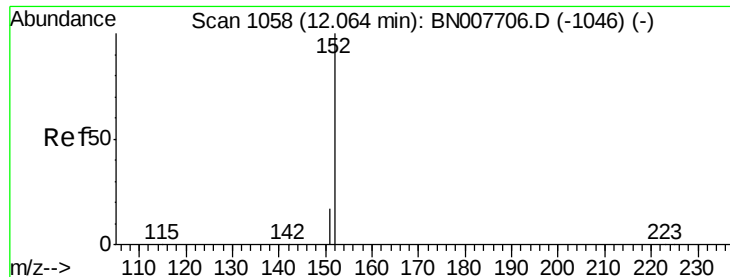


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

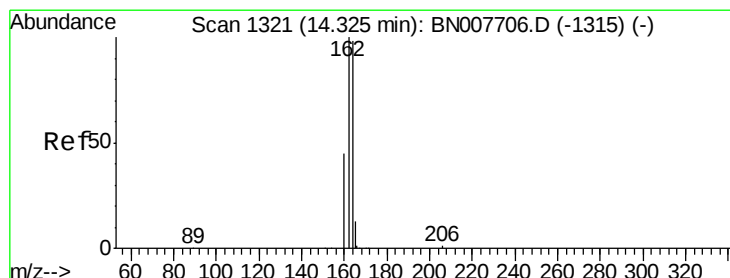
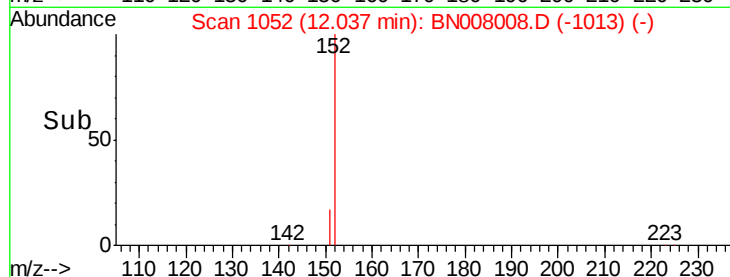
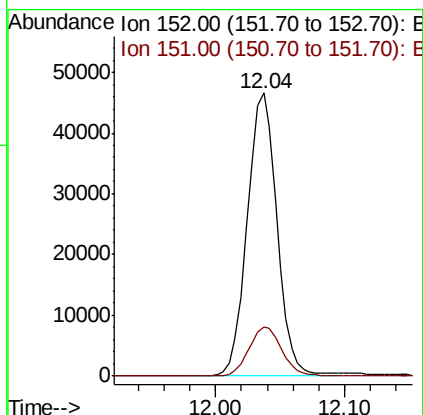
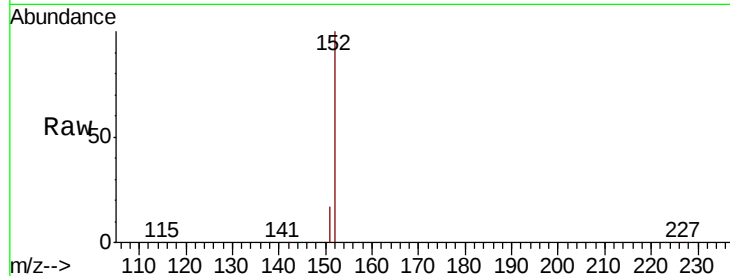




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.340 ng  
 RT: 12.04 min Scan# 1052  
 Delta R.T. -0.03 min  
 Lab File: BN008008.D  
 Acq: 04 Oct 2019 17:59

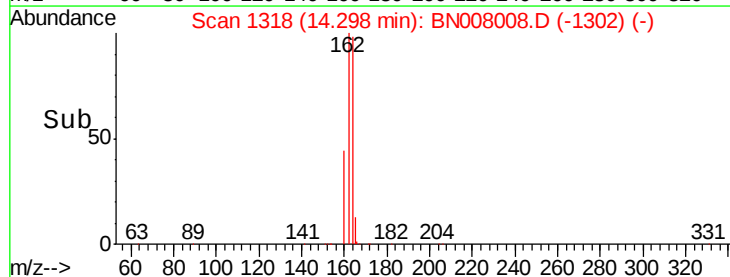
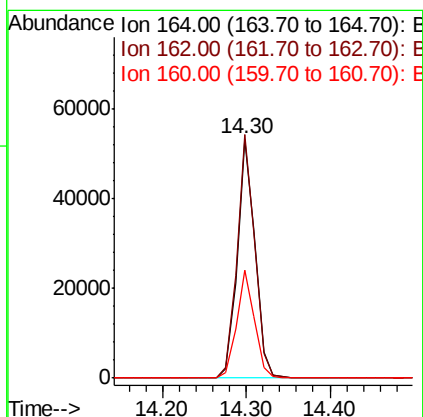
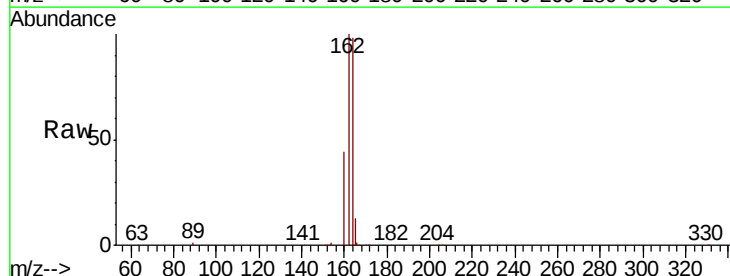
Instrument :  
 BNA\_N  
 ClientSampled :

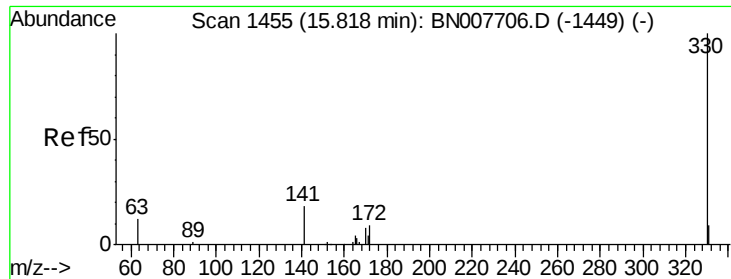
Tot Ion:152 Resp: 74426  
 Ion Ratio Lower Upper  
 152 100  
 151 19.0 15.4 23.2



#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.30 min Scan# 1318  
 Delta R.T. -0.03 min  
 Lab File: BN008008.D  
 Acq: 04 Oct 2019 17:59

Tgt Ion:164 Resp: 77645  
 Ion Ratio Lower Upper  
 164 100  
 162 101.9 81.7 122.5  
 160 45.0 37.0 55.4

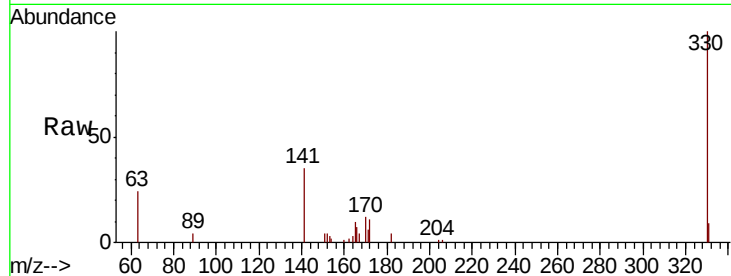




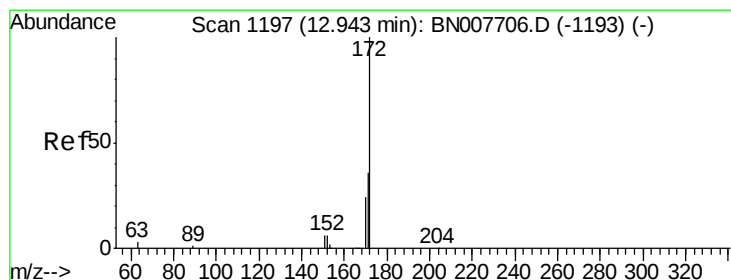
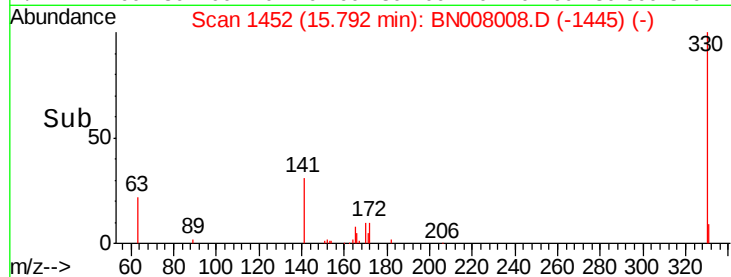
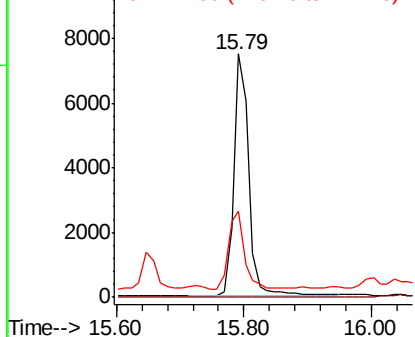
#14  
 2,4,6-Tribromophenol  
 Concen: 0.287 ng  
 RT: 15.79 min Scan# 1452  
 Delta R.T. -0.03 min  
 Lab File: BN008008.D  
 Acq: 04 Oct 2019 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:330 Resp: 12133  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 33.4 28.7 43.1

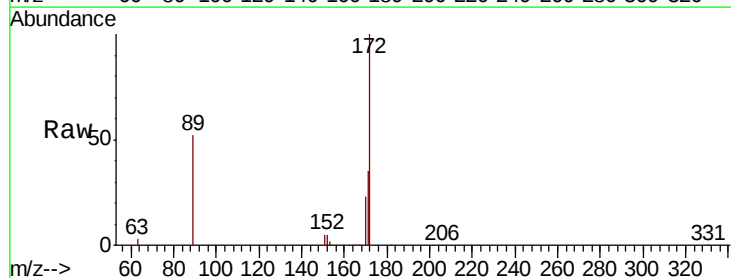


Abundance Ion 330.00 (329.70 to 330.70): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

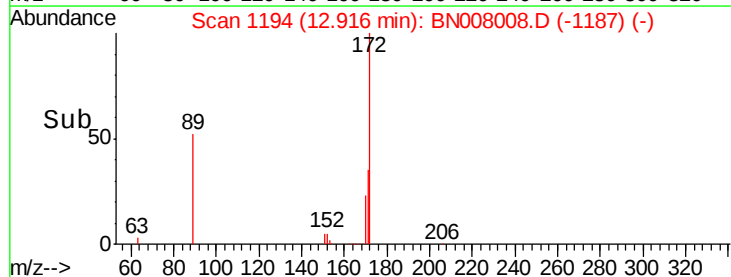
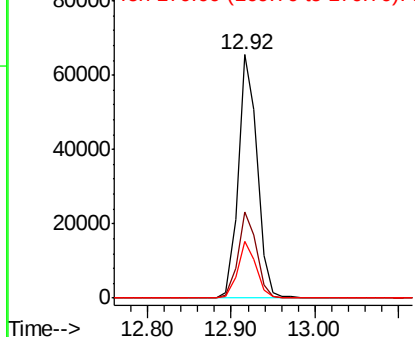


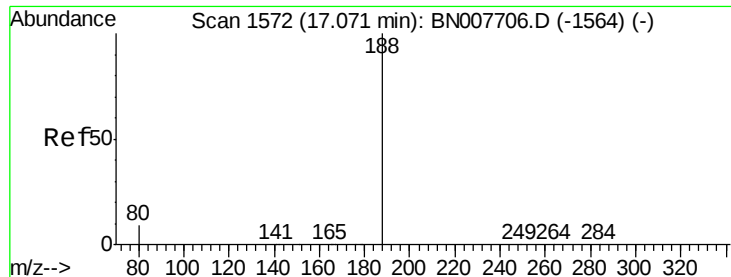
#15  
 2-Fluorobiphenyl  
 Concen: 0.321 ng  
 RT: 12.92 min Scan# 1194  
 Delta R.T. -0.03 min  
 Lab File: BN008008.D  
 Acq: 04 Oct 2019 17:59

Tgt Ion:172 Resp: 102564  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.8 43.2  
 170 23.4 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.05 min Scan# 1569

Delta R.T. -0.03 min

Lab File: BN008008.D

Acq: 04 Oct 2019 17:59

Instrument :

BNA\_N

ClientSampled :

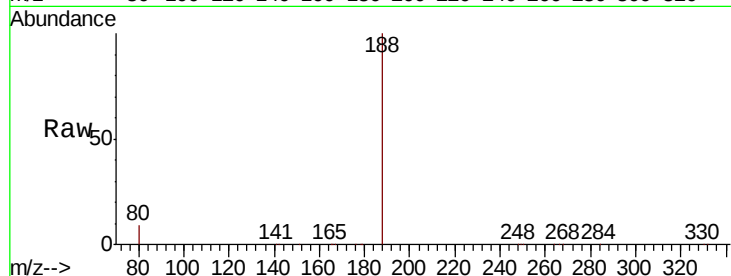
Tot Ion:188 Resp: 147664

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

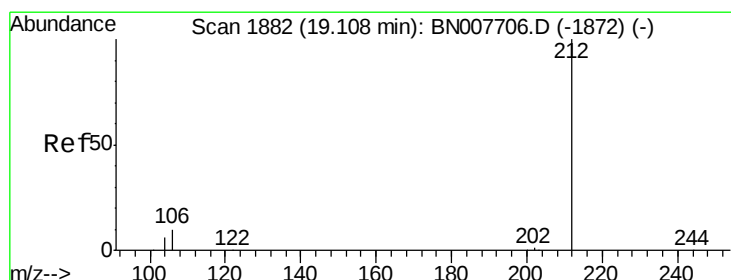
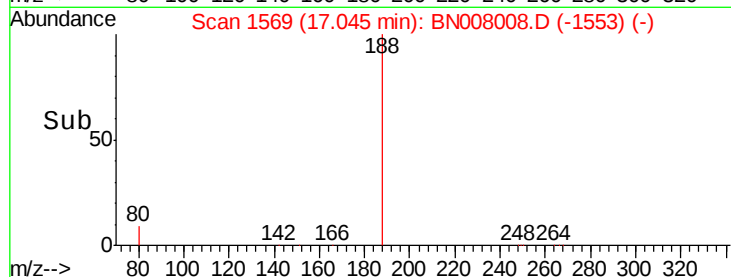
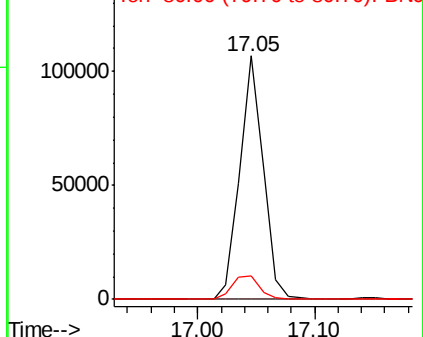
80 9.5 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.307 ng

RT: 19.08 min Scan# 1875

Delta R.T. -0.03 min

Lab File: BN008008.D

Acq: 04 Oct 2019 17:59

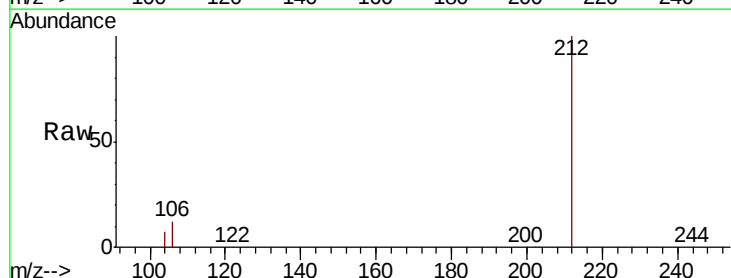
Tgt Ion:212 Resp: 152787

Ion Ratio Lower Upper

212 100

106 11.2 9.4 14.0

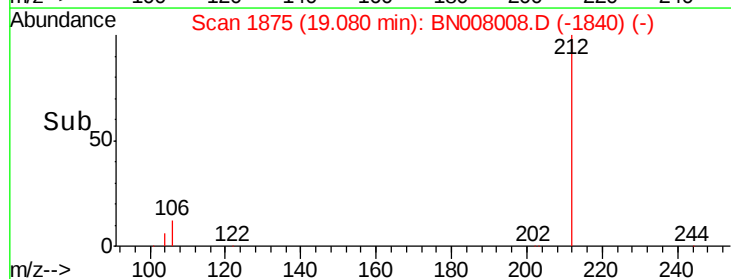
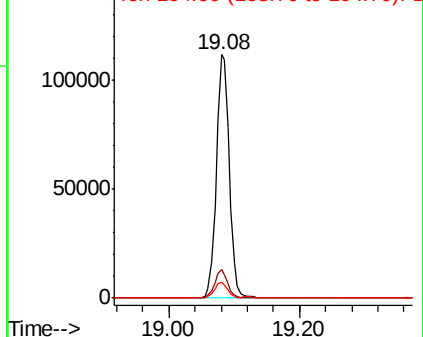
104 6.3 5.3 7.9

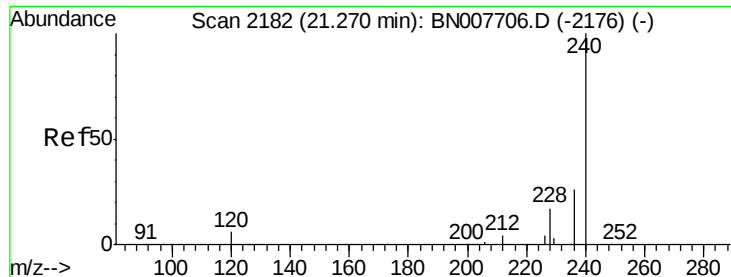


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.24 min Scan# 2178

Delta R.T. -0.03 min

Lab File: BN008008.D

Acq: 04 Oct 2019 17:59

Instrument :

BNA\_N

ClientSampleId :

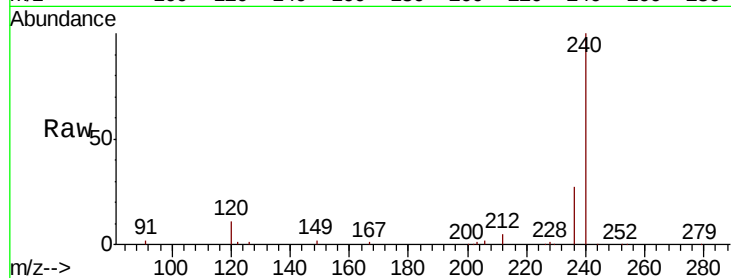
Tot Ion:240 Resp: 97832

Ion Ratio Lower Upper

240 100

120 10.6 5.4 8.2#

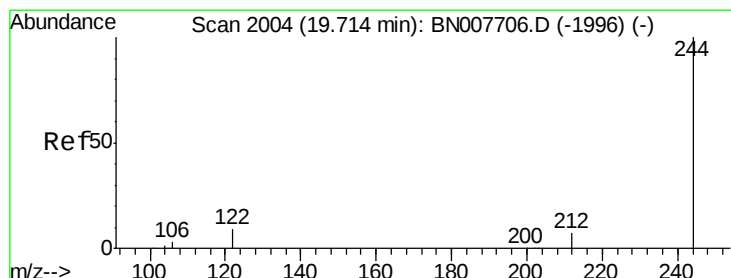
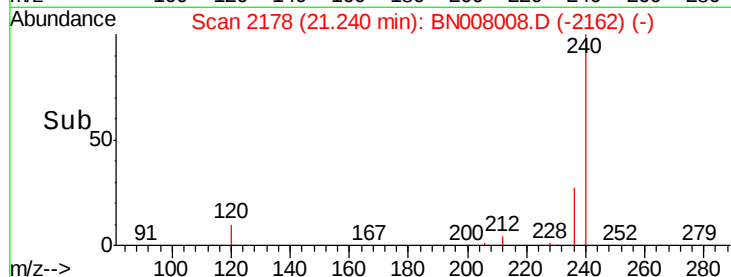
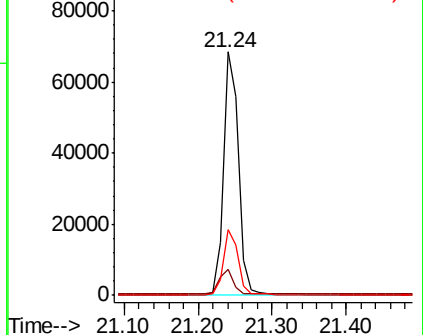
236 26.9 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.483 ng

RT: 19.69 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BN008008.D

Acq: 04 Oct 2019 17:59

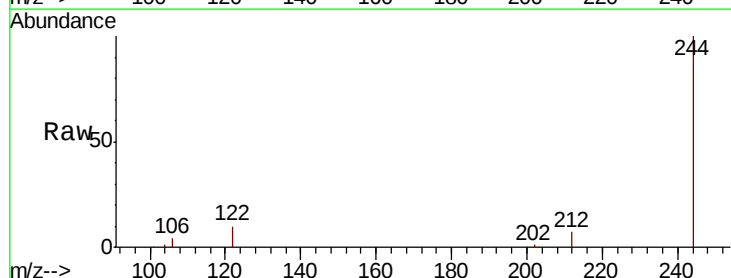
Tgt Ion:244 Resp: 115975

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

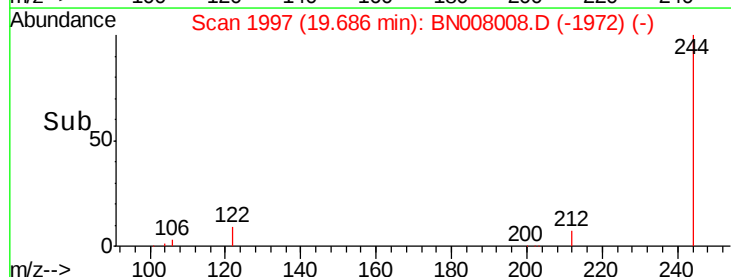
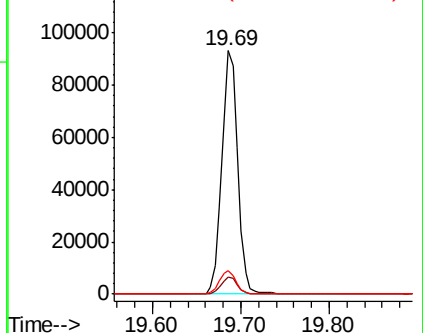
122 9.8 7.4 11.2

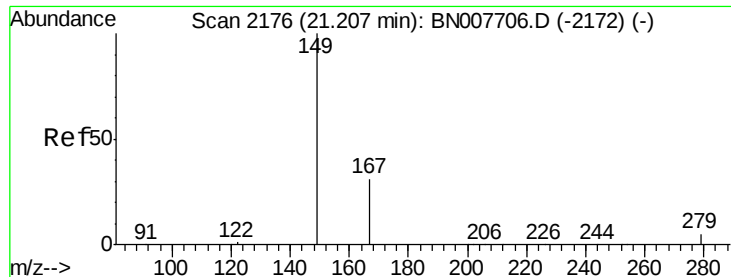


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.093 ng

RT: 21.18 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BN008008.D

Acq: 04 Oct 2019 17:59

Instrument :

BNA\_N

ClientSampleId :

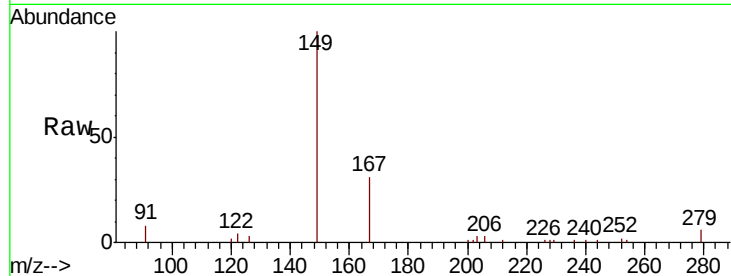
Tot Ion:149 Resp: 17311

Ion Ratio Lower Upper

149 100

167 29.4 23.7 35.5

279 5.0 4.2 6.2

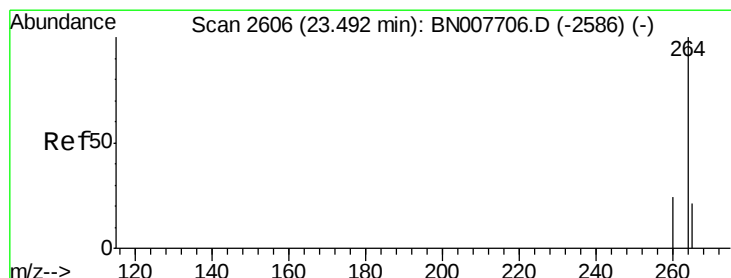
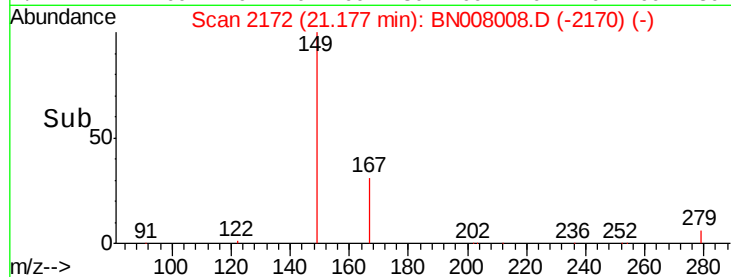
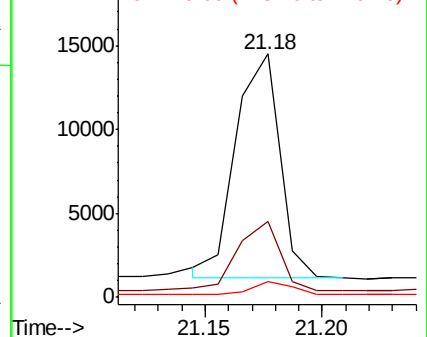


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.45 min Scan# 2593

Delta R.T. -0.04 min

Lab File: BN008008.D

Acq: 04 Oct 2019 17:59

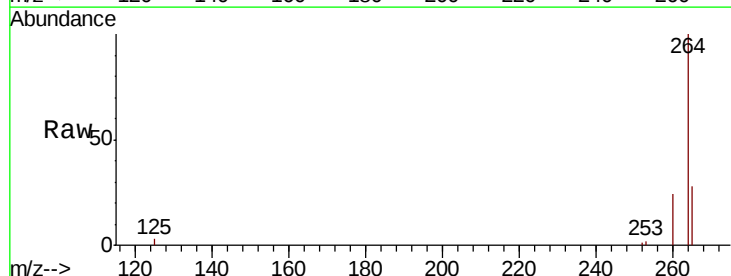
Tgt Ion:264 Resp: 73169

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 27.9 26.9 40.3



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

