

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042120\  
 Data File : BN010569.D  
 Acq On : 21 Apr 2020 16:45  
 Operator : CG/JU  
 Sample : L2338-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-MW204I-20200415

Quant Time: Apr 21 17:16:02 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 21 13:19:17 2020  
 Response via : Initial Calibration

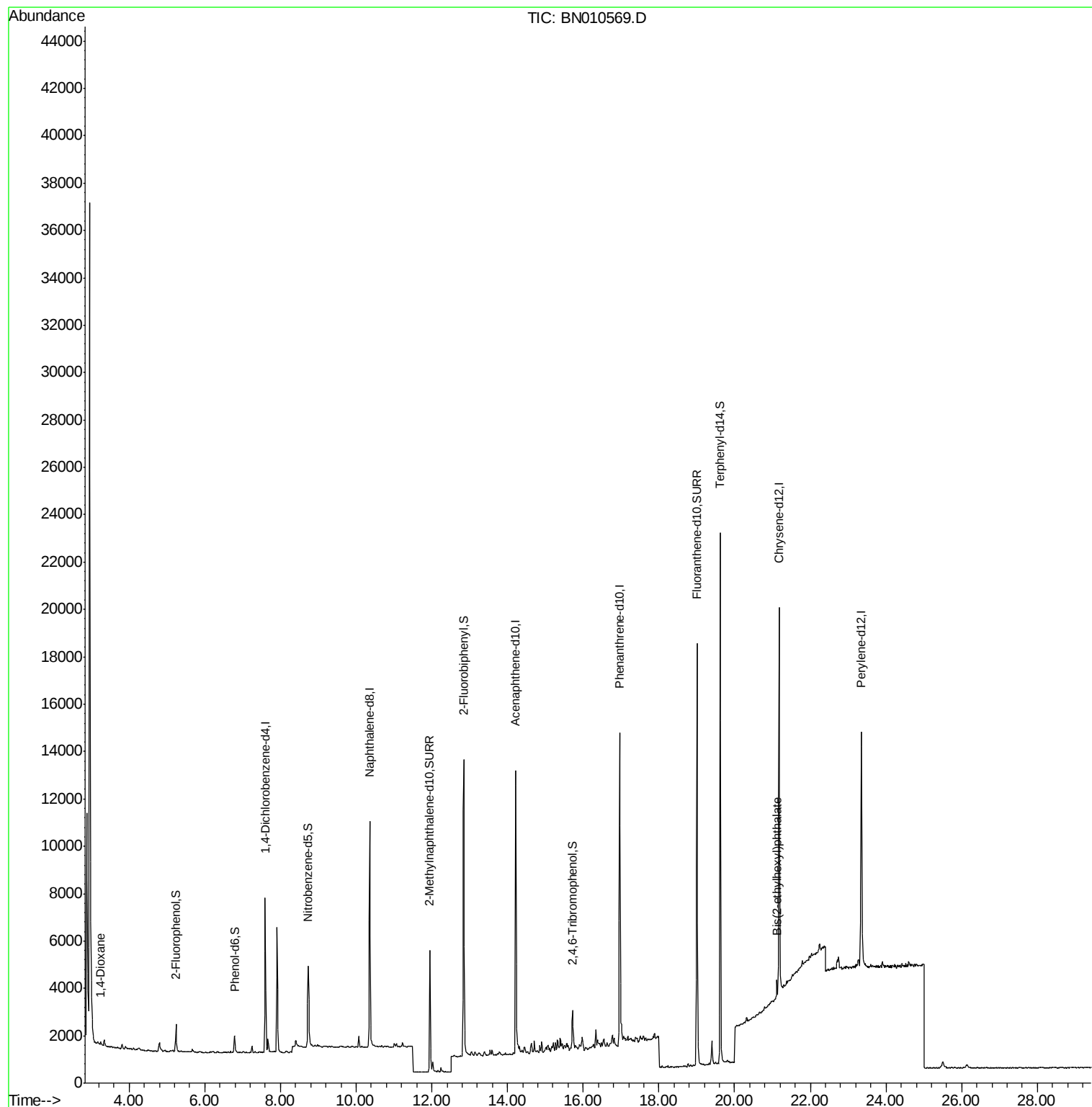
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.60  | 152  | 3274     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.35 | 136  | 13094    | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.21 | 164  | 8139     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 16.96 | 188  | 19094    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.17 | 240  | 16056    | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.35 | 264  | 14074    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.24  | 112  | 1194     | 0.17  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.79  | 99   | 853      | 0.09  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.73  | 82   | 3437     | 0.38  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 11.95 | 152  | 7554     | 0.35  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.72 | 330  | 1489     | 0.39  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 12.84 | 172  | 12678    | 0.43  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.00 | 212  | 22096    | 0.38  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.62 | 244  | 24103    | 0.66  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 2) 1,4-Dioxane                 | 3.25  | 88   | 142      | 0.059 | ng    | # 85     |
| 32) Bis(2-ethylhexyl)phthalate | 21.11 | 149  | 720      | 0.027 | ng    | # 98     |

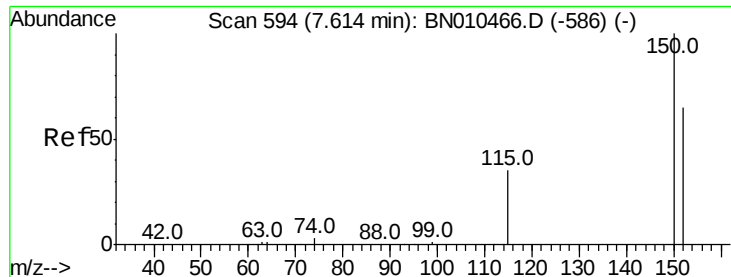
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042120\  
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BNA\_N  
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Quant Time: Apr 21 17:16:02 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 21 13:19:17 2020  
Response via : Initial Calibration



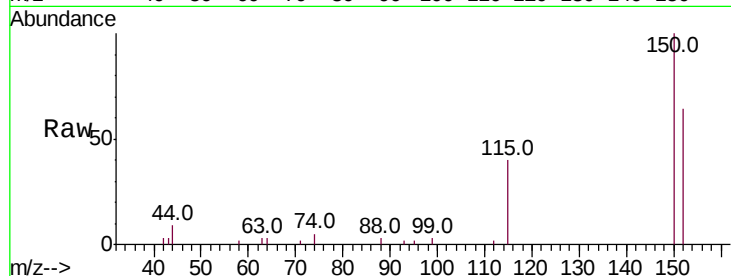


#1

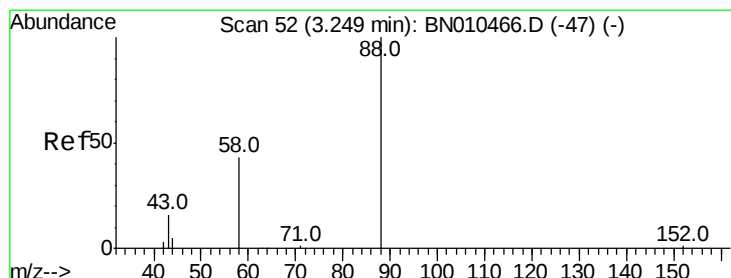
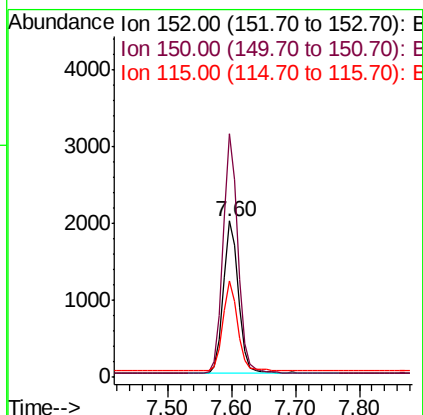
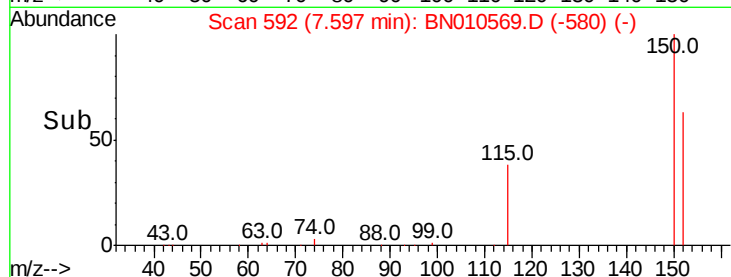
1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.60 min Scan# 592  
 Delta R.T. 0.00 min  
 Lab File: BN010569.D  
 Acq: 21 Apr 2020 16:45

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-MW204I-20200415

Tot Ion:152 Resp: 3274  
 Ion Ratio Lower Upper  
 152 100  
 150 156.1 121.8 182.6  
 115 61.7 45.5 68.3



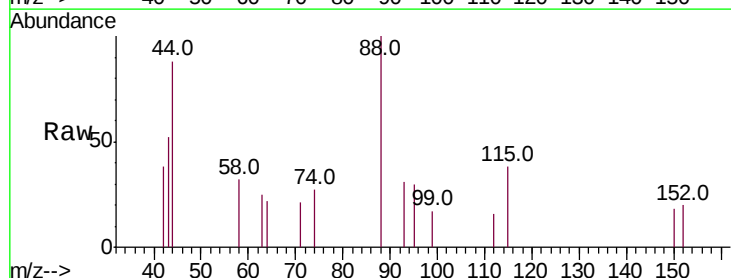
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



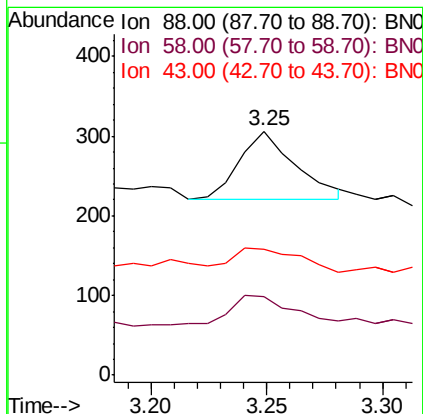
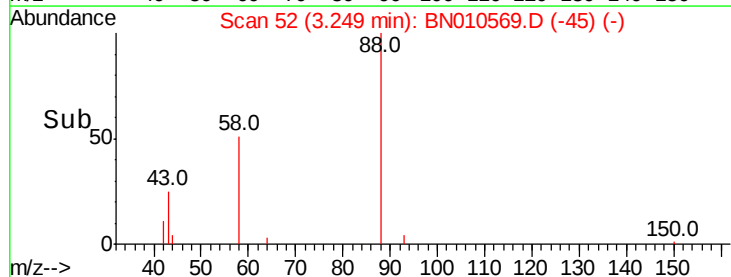
#2

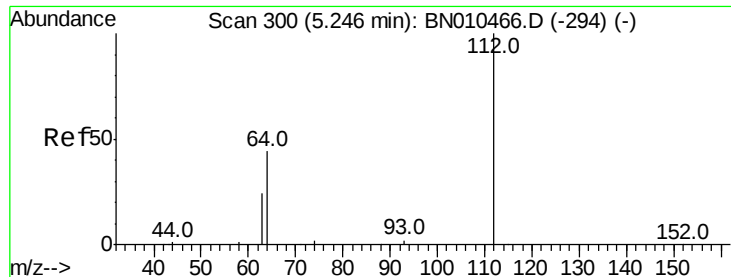
1,4-Dioxane  
 Concen: 0.059 ng  
 RT: 3.25 min Scan# 52  
 Delta R.T. 0.01 min  
 Lab File: BN010569.D  
 Acq: 21 Apr 2020 16:45

Tgt Ion: 88 Resp: 142  
 Ion Ratio Lower Upper  
 88 100  
 58 45.8 36.5 54.7  
 43 40.1 13.2 19.8#



Abundance Ion 88.00 (87.70 to 88.70): BN0  
 Ion 58.00 (57.70 to 58.70): BN0  
 Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.167 ng

RT: 5.24 min Scan# 299

Delta R.T. 0.00 min

Lab File: BN010569.D

Acq: 21 Apr 2020 16:45

Instrument :

BNA\_N

ClientSampleId :

BP-MW204I-20200415

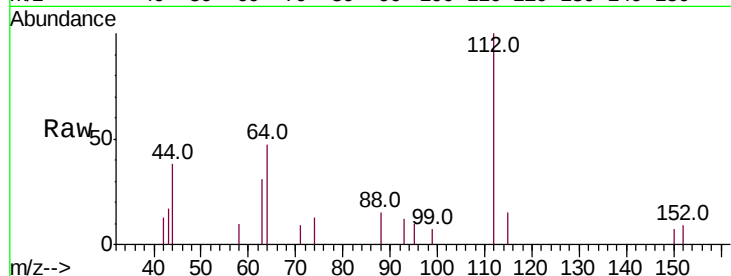
Tot Ion:112 Resp: 1194

Ion Ratio Lower Upper

112 100

64 45.6 35.8 53.8

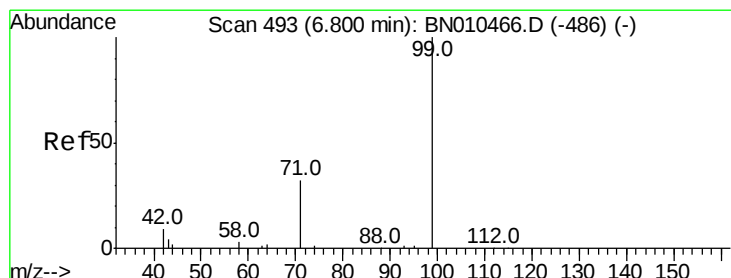
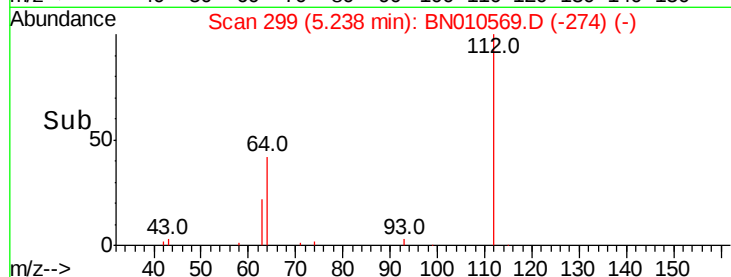
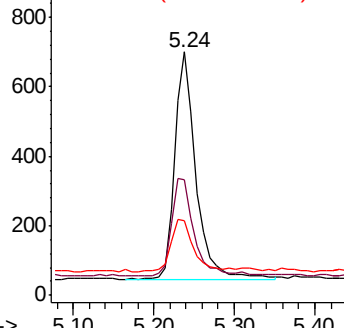
63 24.0 19.9 29.9



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: 0.091 ng

RT: 6.79 min Scan# 492

Delta R.T. 0.01 min

Lab File: BN010569.D

Acq: 21 Apr 2020 16:45

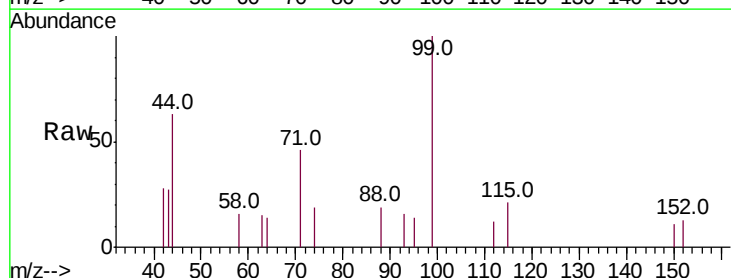
Tgt Ion: 99 Resp: 853

Ion Ratio Lower Upper

99 100

42 13.5 9.8 14.6

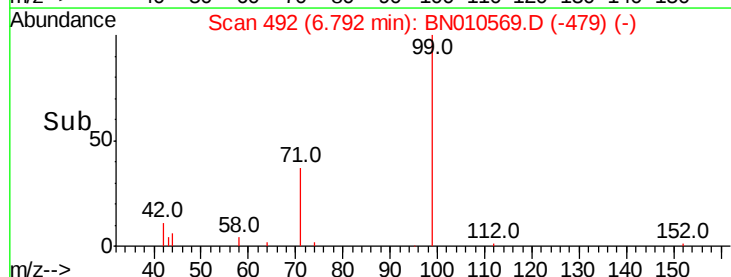
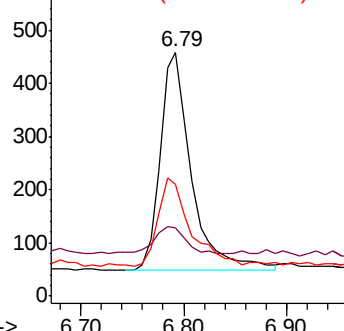
71 42.6 27.8 41.8#

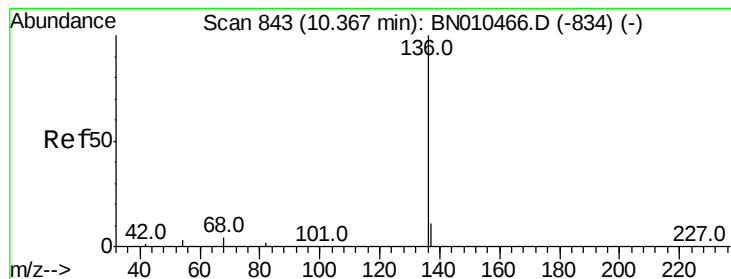


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010569.D

Acq: 21 Apr 2020 16:45

Instrument :

BNA\_N

ClientSampleId :

BP-MW204I-20200415

Tot Ion:136 Resp: 13094

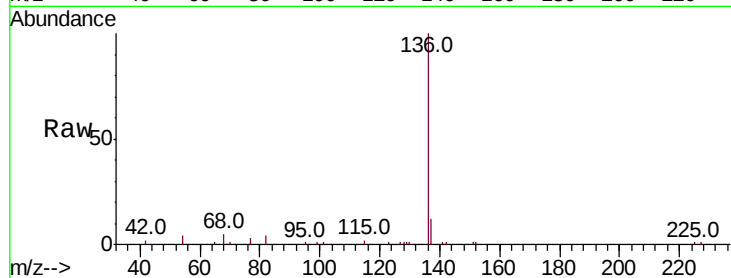
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 3.9 2.6 4.0

68 4.7 3.4 5.2

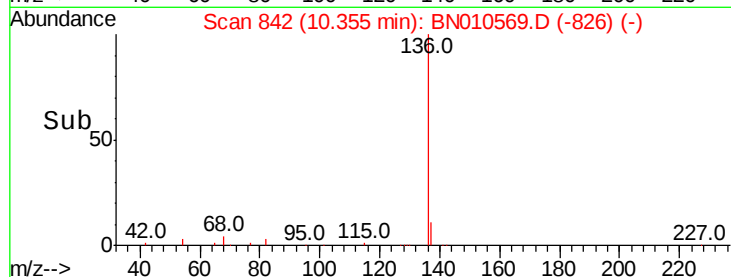


Abundance Ion 136.00 (135.70 to 136.70): E

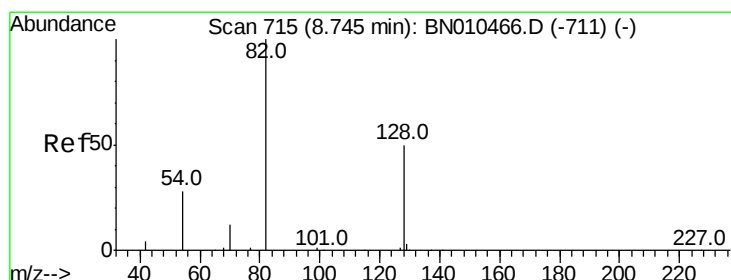
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time--> 10.20 10.30 10.40 10.50



#8

Nitrobenzene-d5

Concen: 0.375 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN010569.D

Acq: 21 Apr 2020 16:45

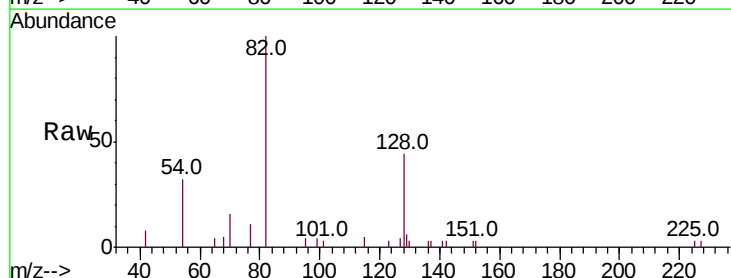
Tgt Ion: 82 Resp: 3437

Ion Ratio Lower Upper

82 100

128 43.9 41.3 61.9

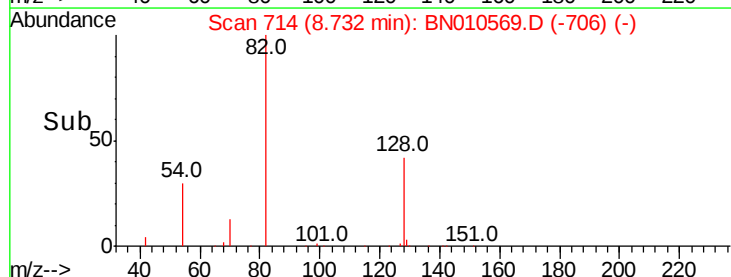
54 32.3 23.4 35.0



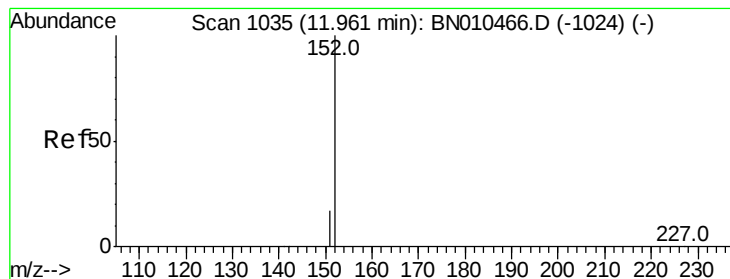
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time--> 8.60 8.70 8.80 8.90



#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 11.95 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BN010569.D

Acq: 21 Apr 2020 16:45

Instrument :

BNA\_N

ClientSampleId :

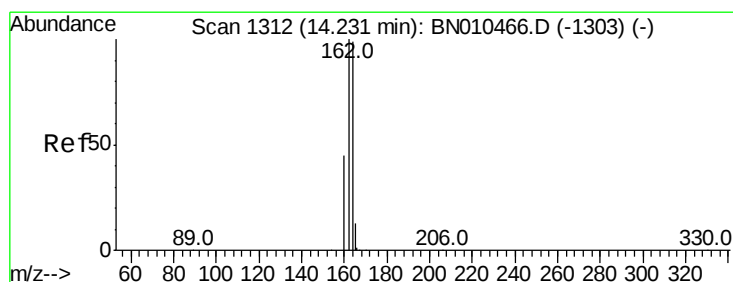
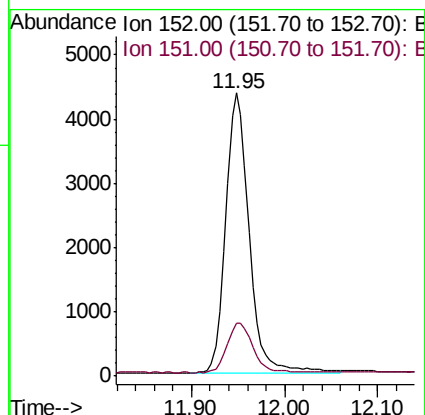
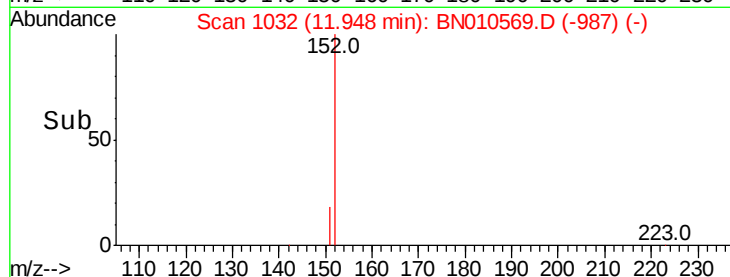
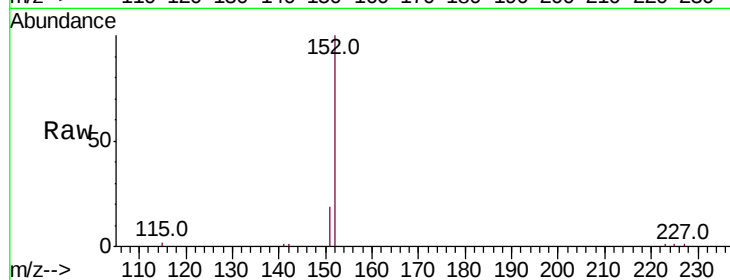
BP-MW204I-20200415

Tot Ion:152 Resp: 7554

Ion Ratio Lower Upper

152 100

151 19.6 15.3 22.9



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN010569.D

Acq: 21 Apr 2020 16:45

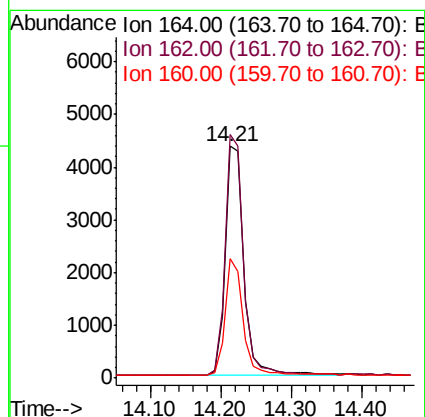
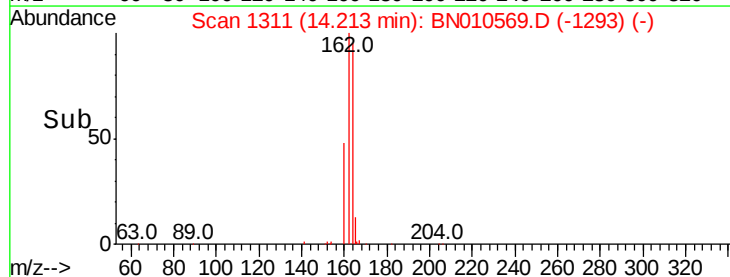
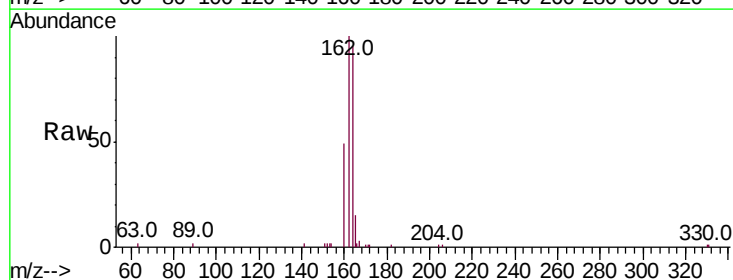
Tgt Ion:164 Resp: 8139

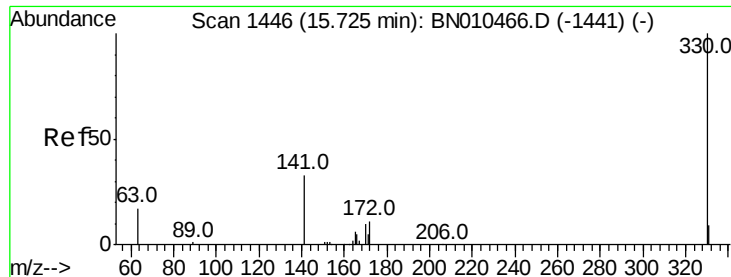
Ion Ratio Lower Upper

164 100

162 105.1 80.6 121.0

160 51.4 36.5 54.7

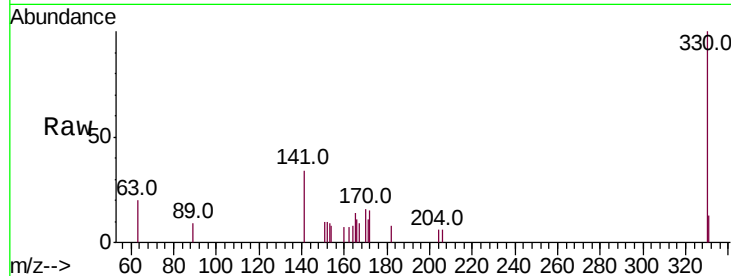




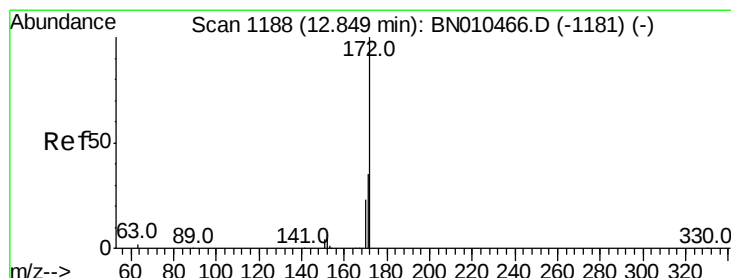
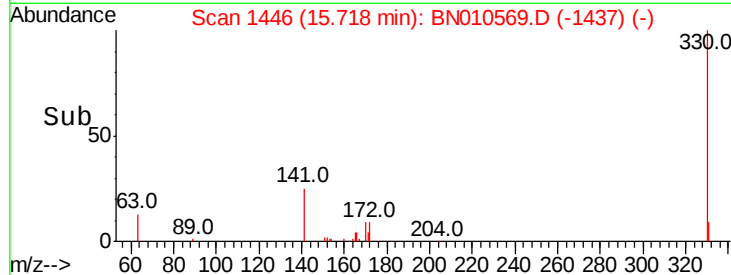
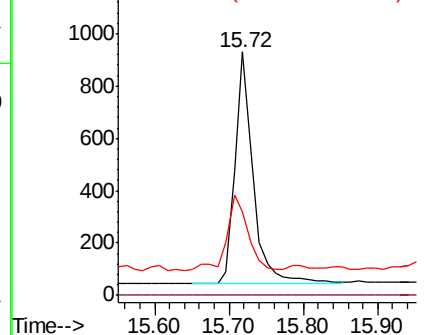
#14  
 2,4,6-Tribromophenol  
 Concen: 0.388 ng  
 RT: 15.72 min Scan# 1446  
 Delta R.T. 0.00 min  
 Lab File: BN010569.D  
 Acq: 21 Apr 2020 16:45

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-MW204I-20200415

Tot Ion:330 Resp: 1489  
 Ion Ratio Lower Upper  
 330 100  
 332 0.0 0.0 0.0  
 141 38.6 28.1 42.1

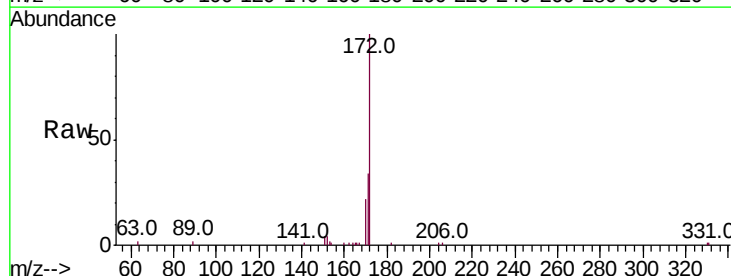


Abundance Ion 330.00 (329.70 to 330.70): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

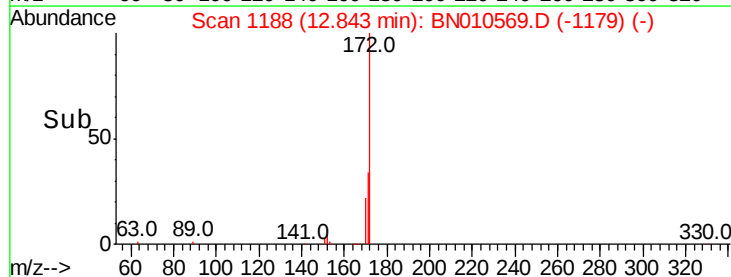
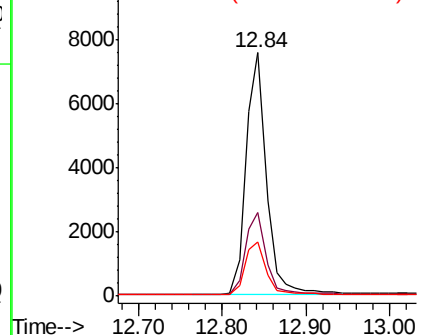


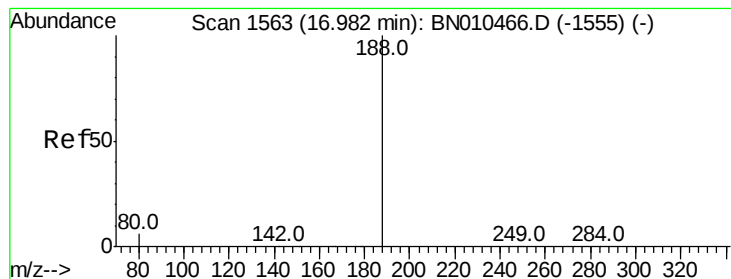
#15  
 2-Fluorobiphenyl  
 Concen: 0.428 ng  
 RT: 12.84 min Scan# 1188  
 Delta R.T. 0.00 min  
 Lab File: BN010569.D  
 Acq: 21 Apr 2020 16:45

Tgt Ion:172 Resp: 12678  
 Ion Ratio Lower Upper  
 172 100  
 171 34.3 28.2 42.2  
 170 22.0 18.4 27.6



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: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010569.D

Acq: 21 Apr 2020 16:45

Instrument :

BNA\_N

ClientSampleId :

BP-MW204I-20200415

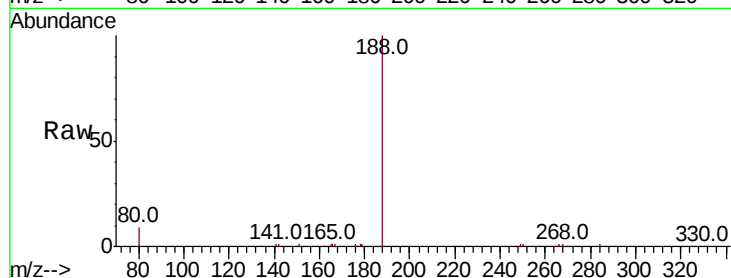
Tot Ion:188 Resp: 19094

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

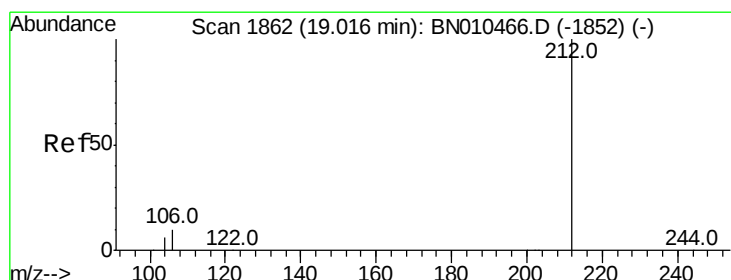
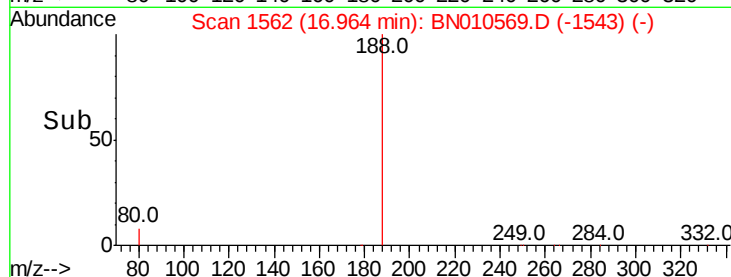
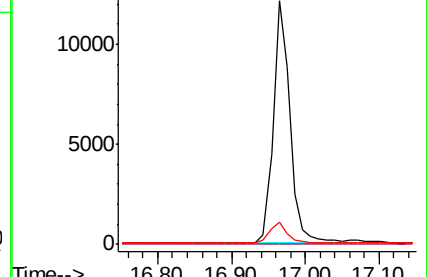
80 9.2 5.0 7.6#



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: 0.382 ng

RT: 19.00 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BN010569.D

Acq: 21 Apr 2020 16:45

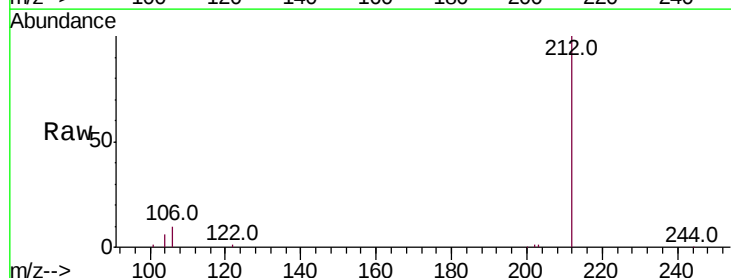
Tgt Ion:212 Resp: 22096

Ion Ratio Lower Upper

212 100

106 9.9 7.8 11.6

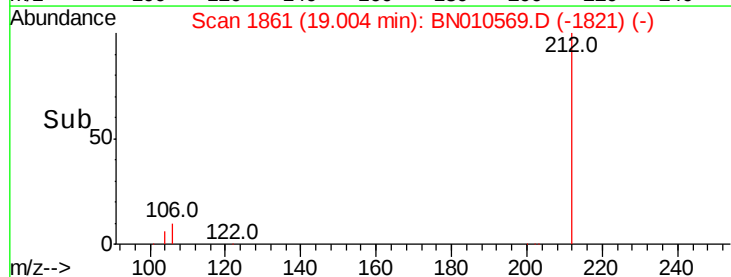
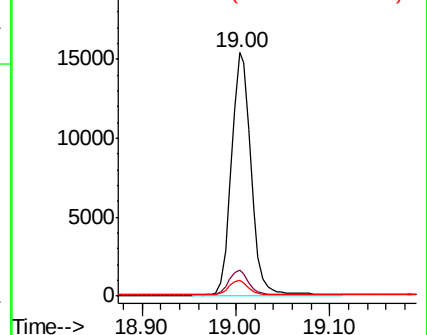
104 5.6 4.5 6.7

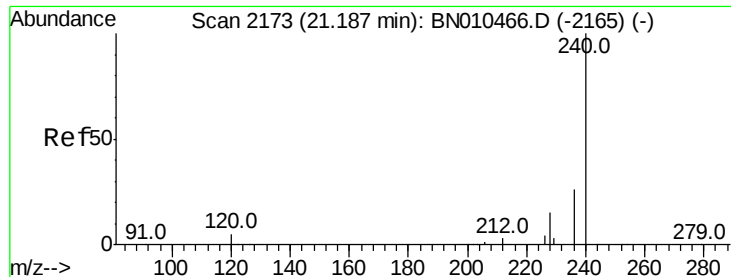


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010569.D

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Instrument :

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ClientSampleId :

BP-MW204I-20200415

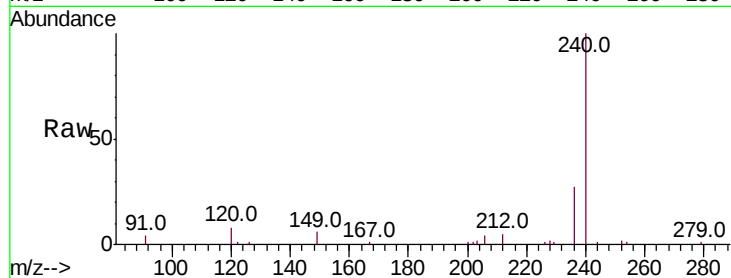
Tot Ion:240 Resp: 16056

Ion Ratio Lower Upper

240 100

120 8.5 4.8 7.2#

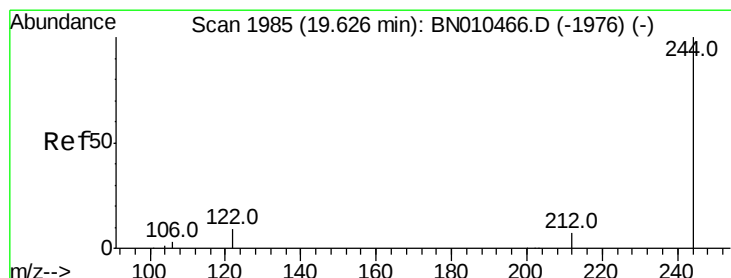
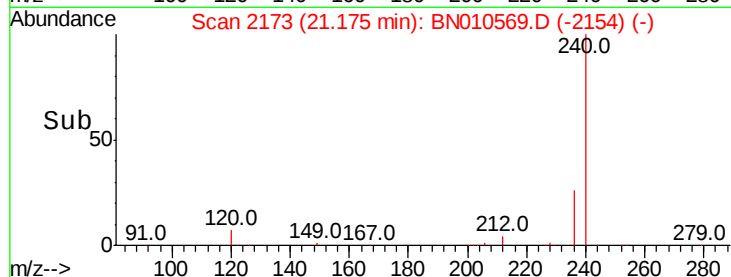
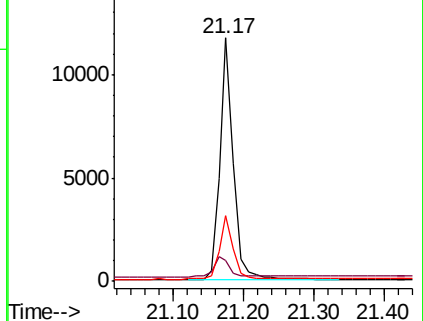
236 27.1 21.4 32.0



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: 0.656 ng

RT: 19.62 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BN010569.D

Acq: 21 Apr 2020 16:45

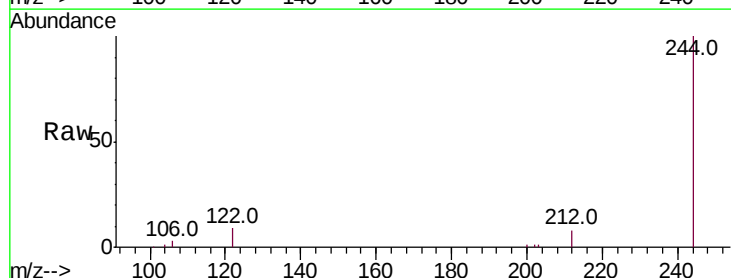
Tgt Ion:244 Resp: 24103

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

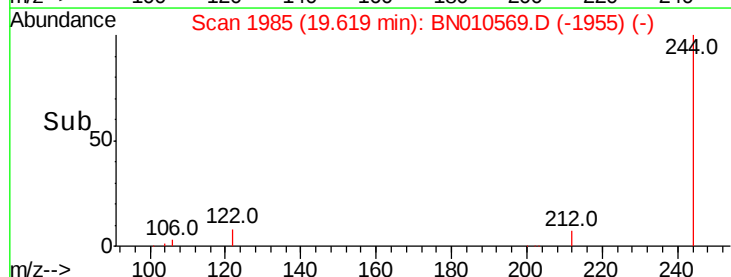
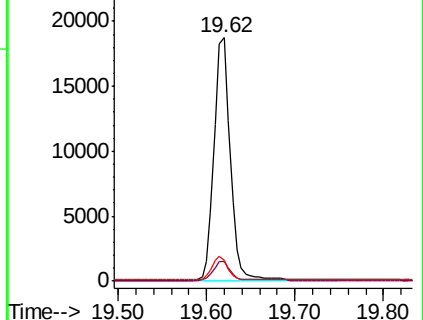
122 8.7 7.8 11.8

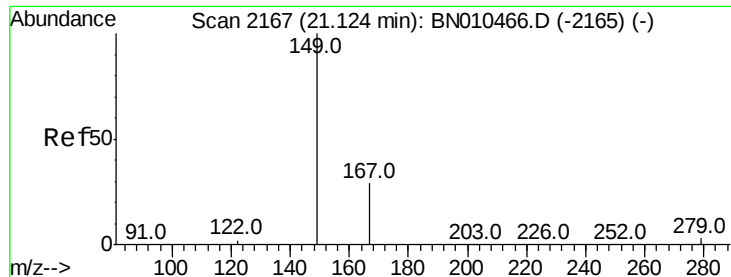


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010569.D

Acq: 21 Apr 2020 16:45

Instrument :

BNA\_N

ClientSampleId :

BP-MW204I-20200415

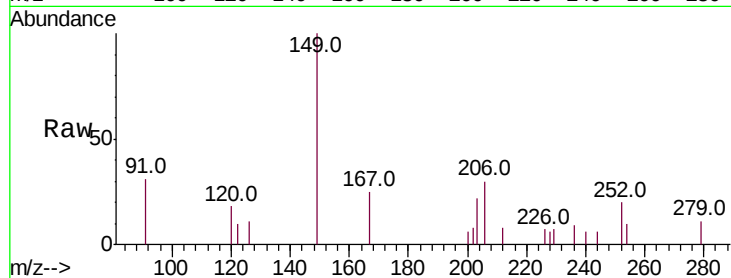
Tot Ion:149 Resp: 720

Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

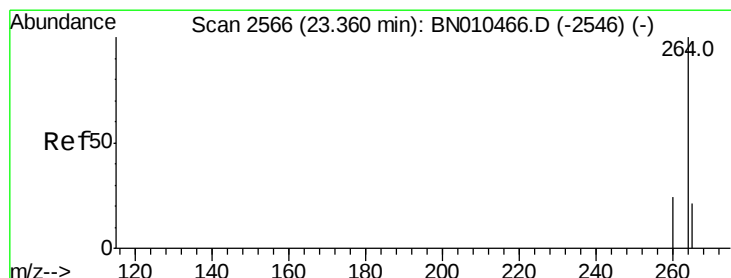
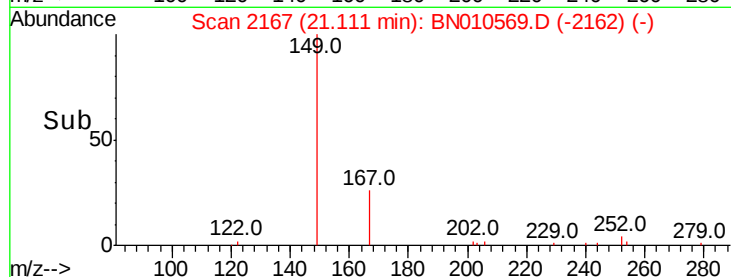
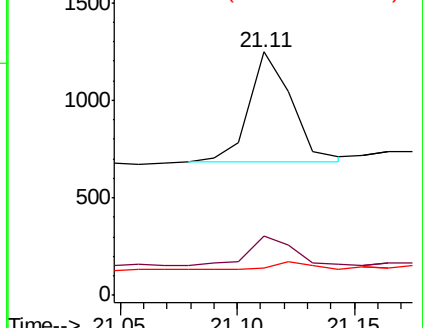
279 6.7 4.0 6.0#



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: 23.35 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BN010569.D

Acq: 21 Apr 2020 16:45

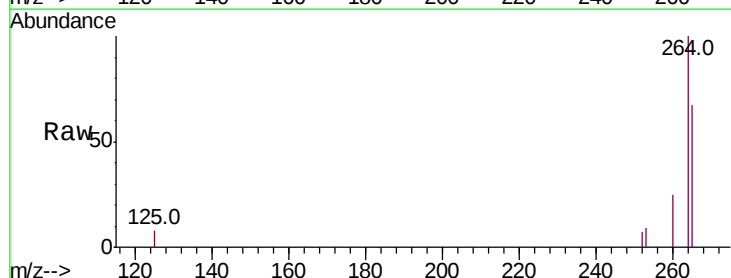
Tgt Ion:264 Resp: 14074

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.8

265 67.2 42.3 63.5#



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

