

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN103018\
 Data File : BN003359.D
 Acq On : 30 Oct 2018 14:59
 Operator : MJ/SJ
 Sample : J5692-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FT-PZ459I-20181025

Quant Time: Oct 30 18:20:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

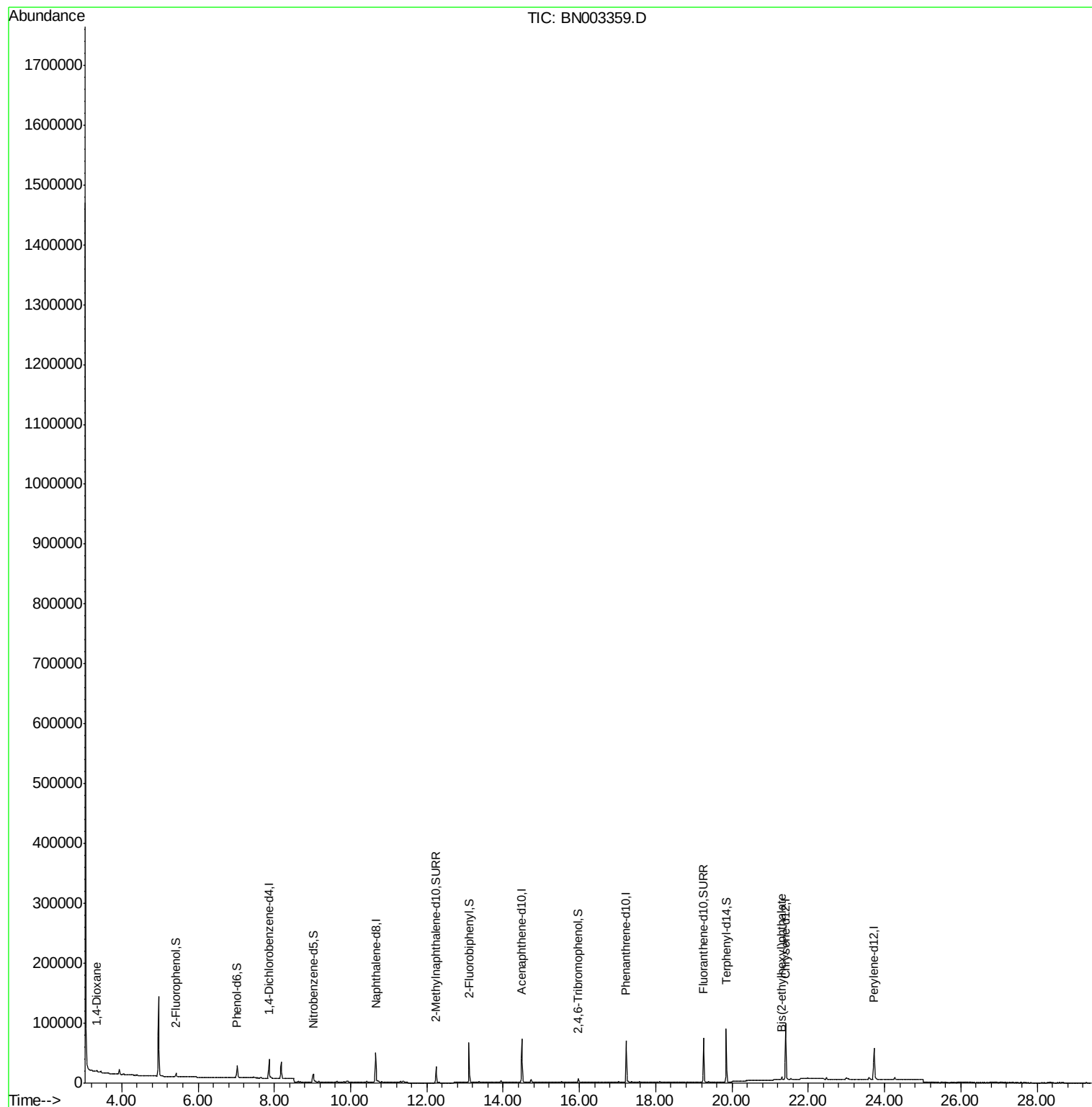
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	15986	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	66766	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	39413	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	93188	0.40	ng	-0.01
27) Chrysene-d12	21.41	240	90003	0.40	ng	-0.01
34) Perylene-d12	23.73	264	73220	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	5459	0.14	ng	0.00
5) Phenol-d6	7.01	99	4080	0.08	ng	0.00
8) Nitrobenzene-d5	9.02	82	12121	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	35822	0.33	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	4830	0.31	ng	-0.01
15) 2-Fluorobiphenyl	13.11	172	62108	0.37	ng	-0.02
25) Fluoranthene-d10	19.26	212	84764	0.31	ng	0.00
29) Terphenyl-d14	19.85	244	86095	0.41	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.34	88	1596	0.077	ng	Qvalue # 38
32) Bis(2-ethylhexyl)phthalate	21.31	149	3961	0.057	ng	96

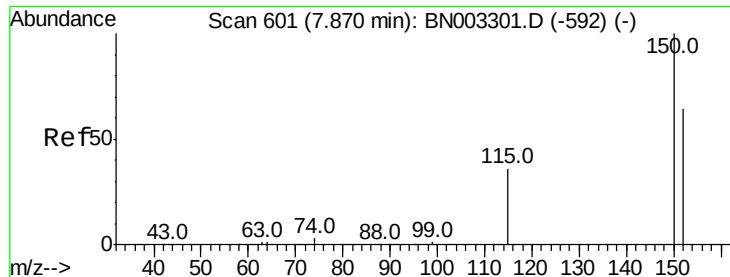
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 600

Delta R.T. -0.01 min

Lab File: BN003359.D

Acq: 30 Oct 2018 14:59

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025

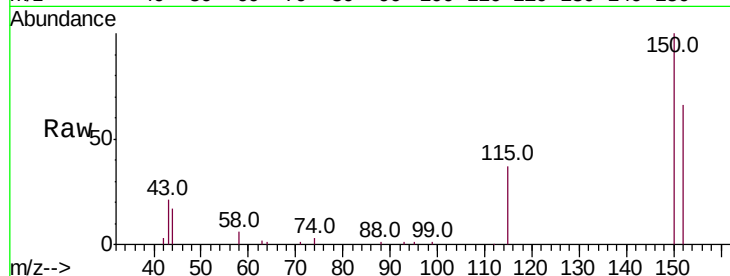
Tot Ion:152 Resp: 15986

Ion Ratio Lower Upper

152 100

150 151.7 124.6 187.0

115 55.7 46.4 69.6

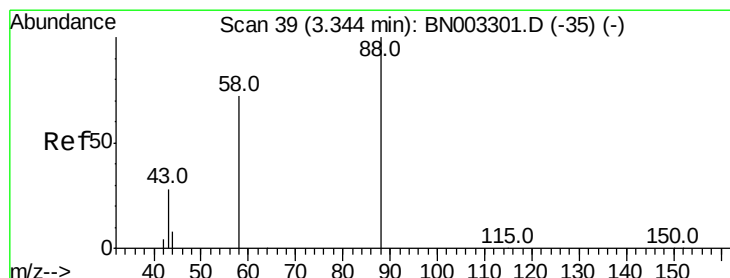
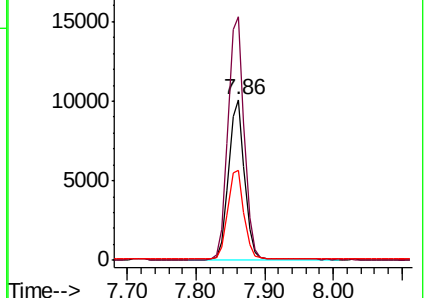
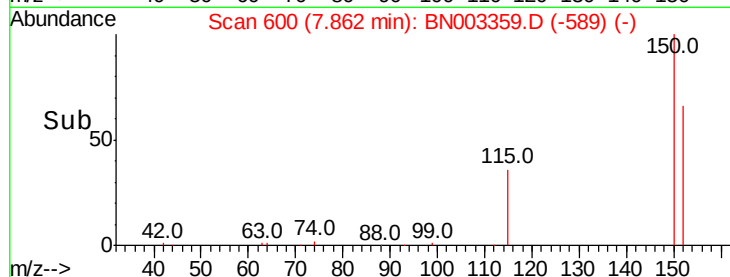


Abundance

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: 0.077 ng

RT: 3.34 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN003359.D

Acq: 30 Oct 2018 14:59

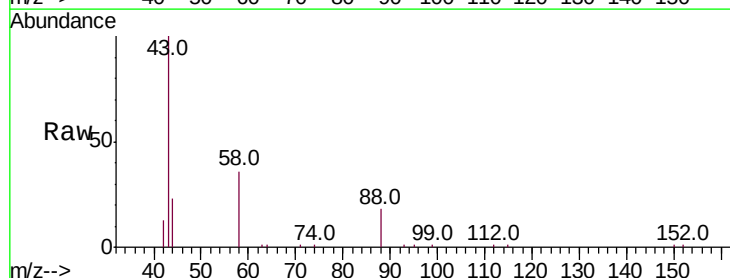
Tgt Ion: 88 Resp: 1596

Ion Ratio Lower Upper

88 100

58 94.3 60.9 91.3#

43 119.2 23.9 35.9#

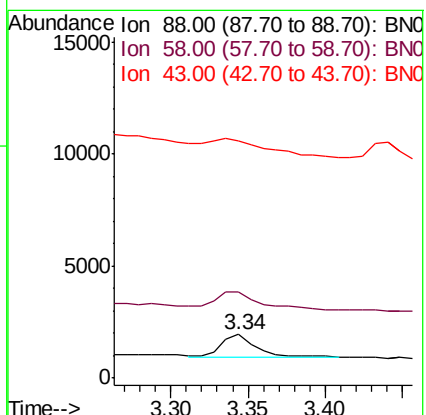
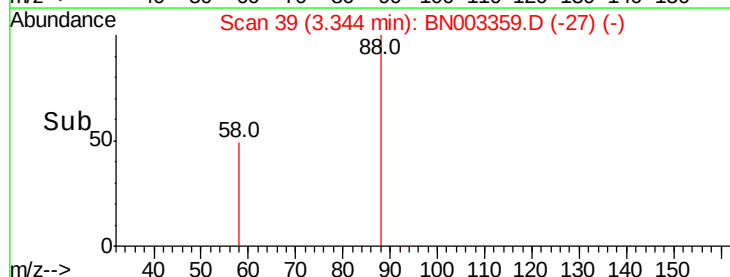


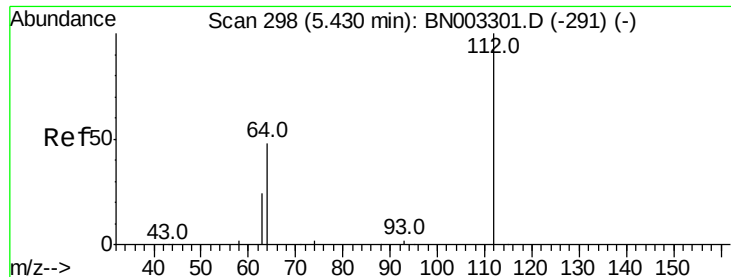
Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.138 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003359.D

Acq: 30 Oct 2018 14:59

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025

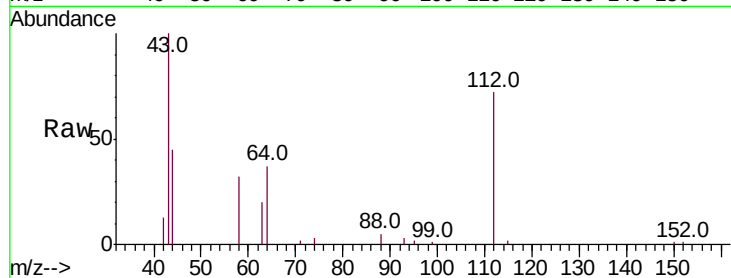
Tot Ion:112 Resp: 5459

Ion Ratio Lower Upper

112 100

64 53.8 44.3 66.5

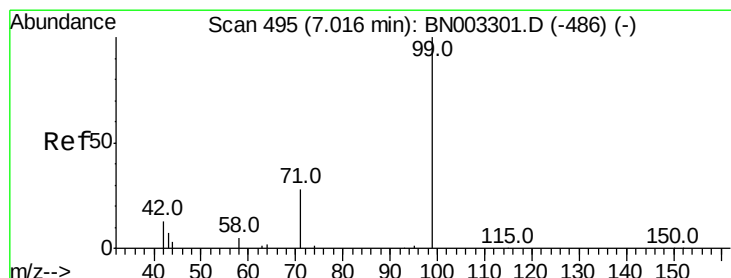
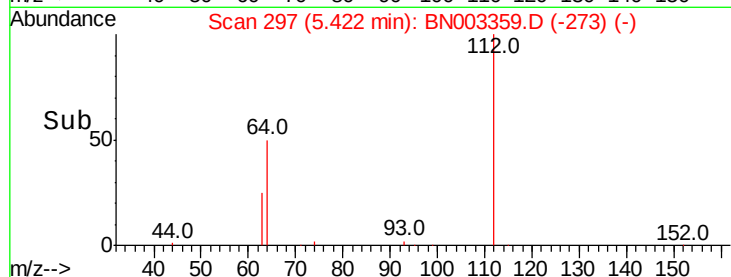
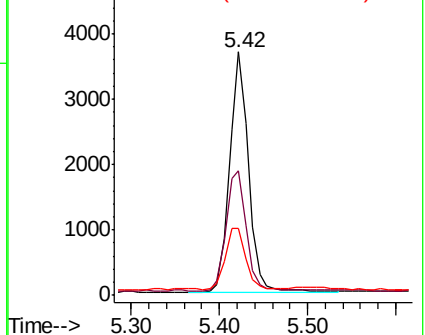
63 27.3 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.082 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003359.D

Acq: 30 Oct 2018 14:59

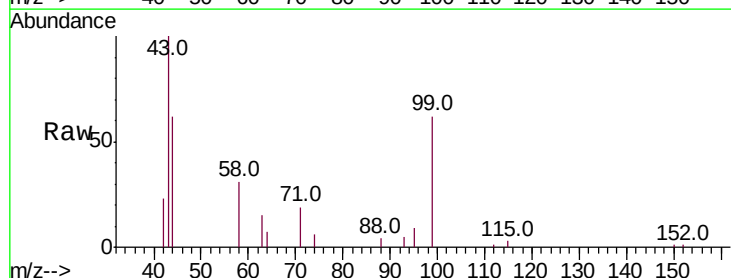
Tgt Ion: 99 Resp: 4080

Ion Ratio Lower Upper

99 100

42 0.0 14.8 22.2#

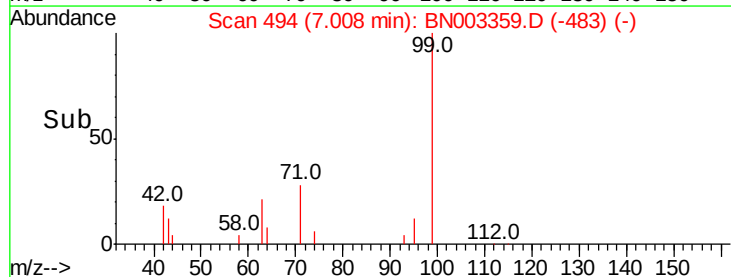
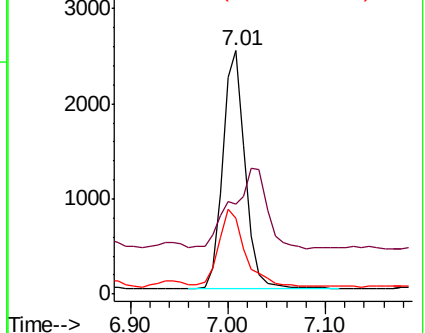
71 38.9 24.8 37.2#

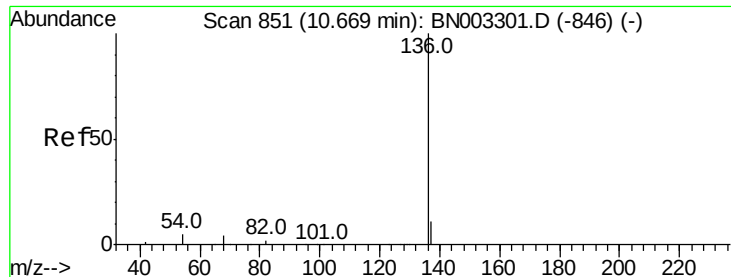


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003359.D

Acq: 30 Oct 2018 14:59

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025

Tot Ion:136 Resp: 66766

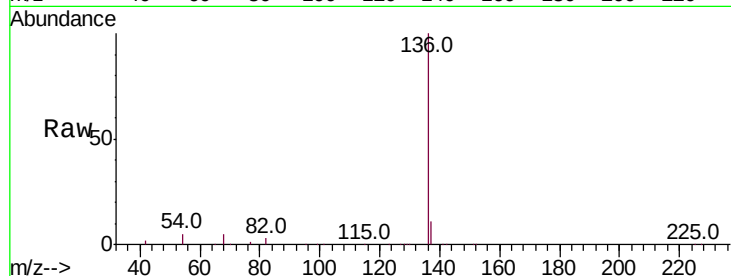
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 5.4 4.1 6.1

68 4.7 3.5 5.3

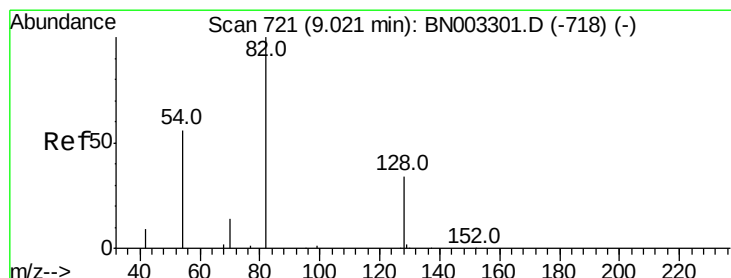
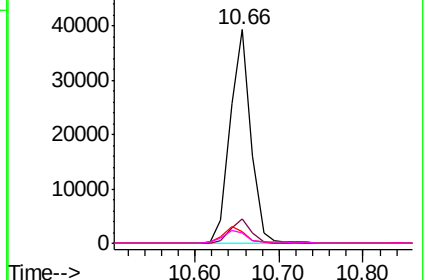
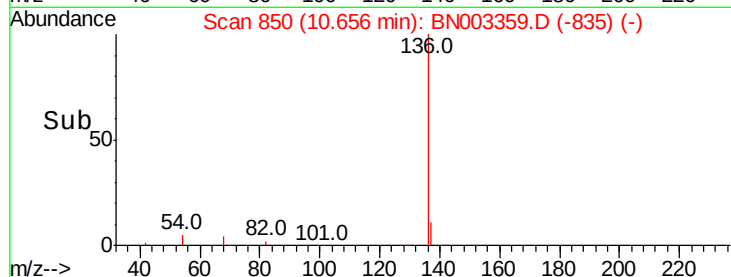


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.415 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003359.D

Acq: 30 Oct 2018 14:59

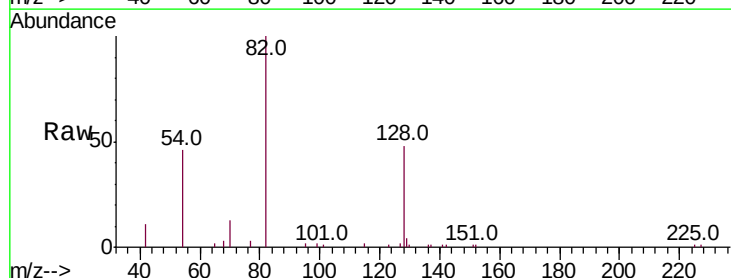
Tgt Ion: 82 Resp: 12121

Ion Ratio Lower Upper

82 100

128 48.1 28.9 43.3#

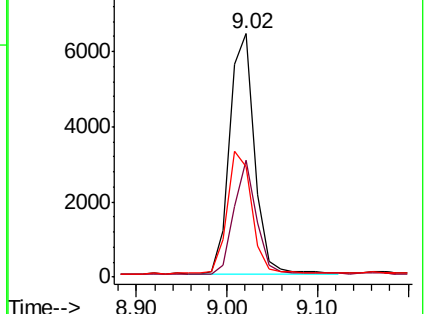
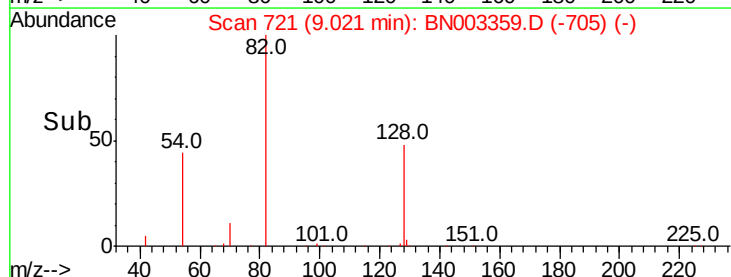
54 45.6 46.1 69.1#

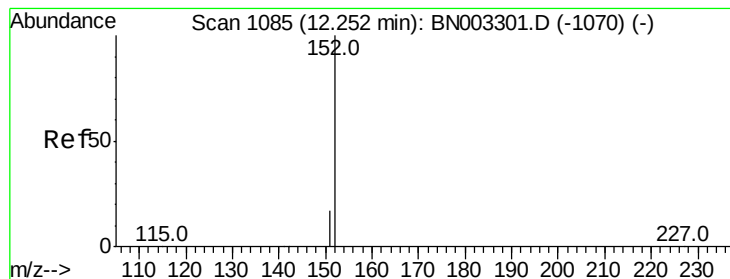


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

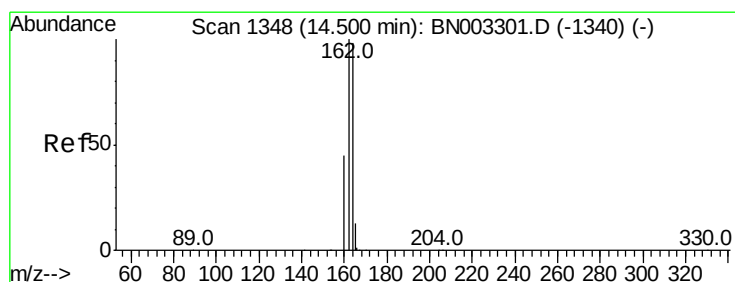
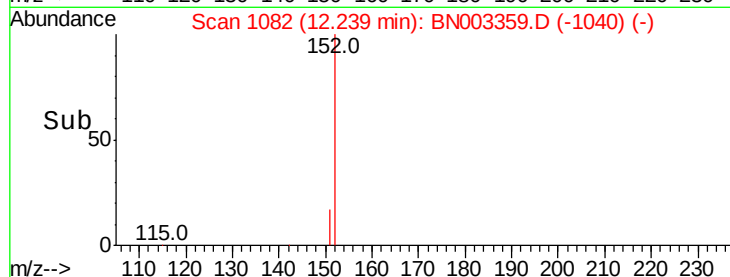
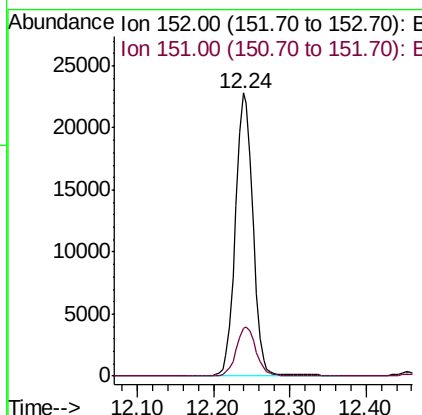
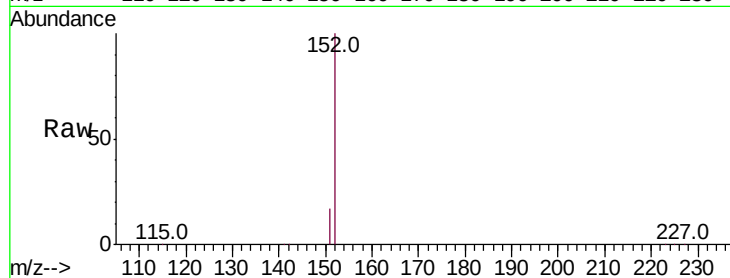




#11
 2-Methylnaphthalene-d10
 Concen: 0.330 ng
 RT: 12.24 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BN003359.D
 Acq: 30 Oct 2018 14:59

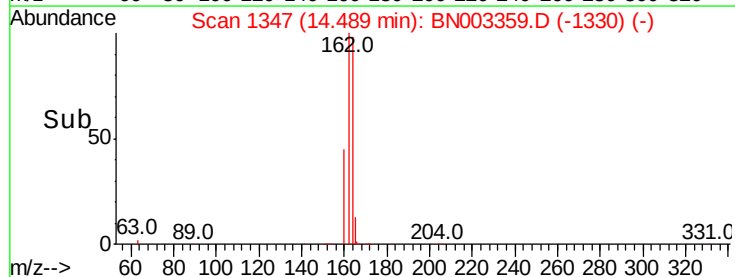
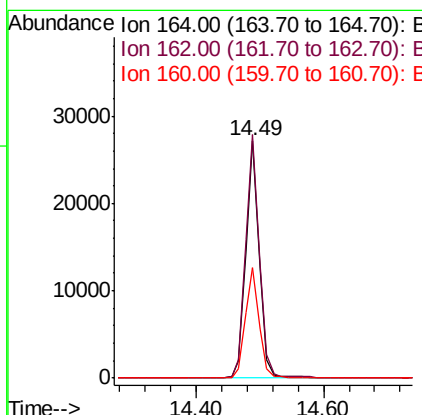
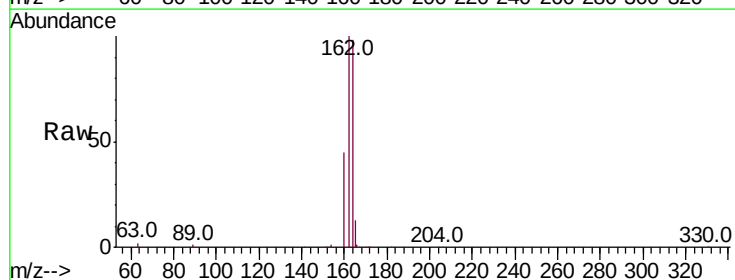
Instrument :
 BNA_N
 ClientSampleId :
 FT-PZ459I-20181025

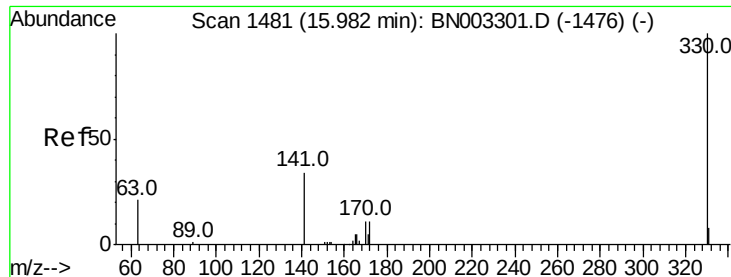
Tot Ion:152 Resp: 35822
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BN003359.D
 Acq: 30 Oct 2018 14:59

Tgt Ion:164 Resp: 39413
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.8 122.6
 160 46.5 37.2 55.8

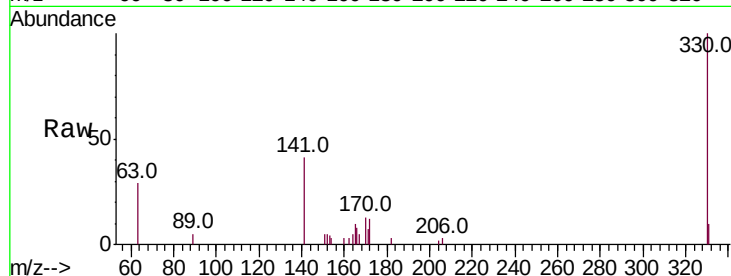




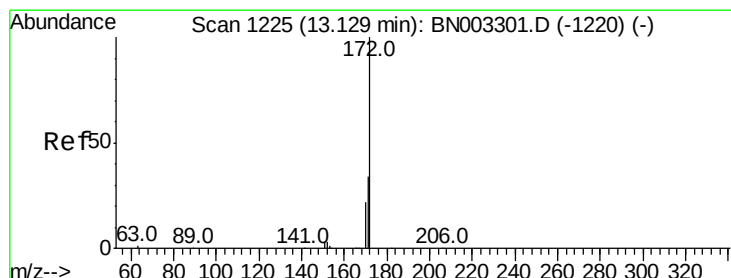
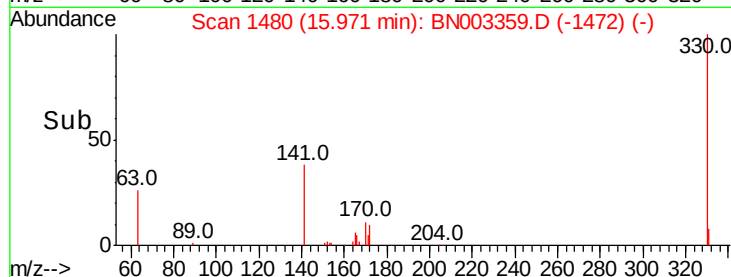
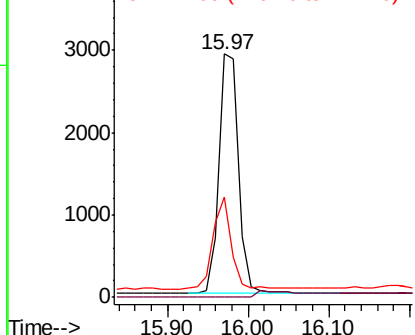
#14
 2,4,6-Tribromophenol
 Concen: 0.308 ng
 RT: 15.97 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BN003359.D
 Acq: 30 Oct 2018 14:59

Instrument :
 BNA_N
 ClientSampleId :
 FT-PZ459I-20181025

Tot Ion:330 Resp: 4830
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.1 28.3 42.5

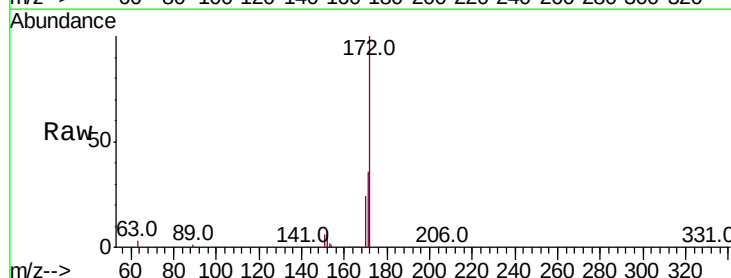


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

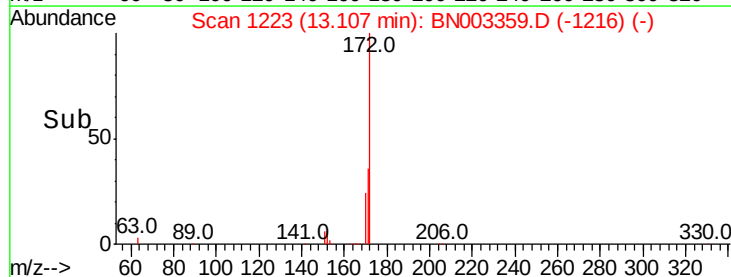
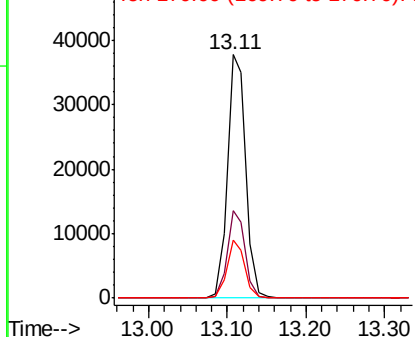


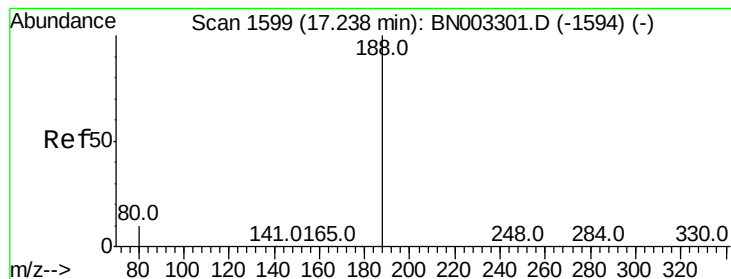
#15
 2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 13.11 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BN003359.D
 Acq: 30 Oct 2018 14:59

Tgt Ion:172 Resp: 62108
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.1 40.7
 170 23.9 17.4 26.0



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: 17.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BN003359.D

Acq: 30 Oct 2018 14:59

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025

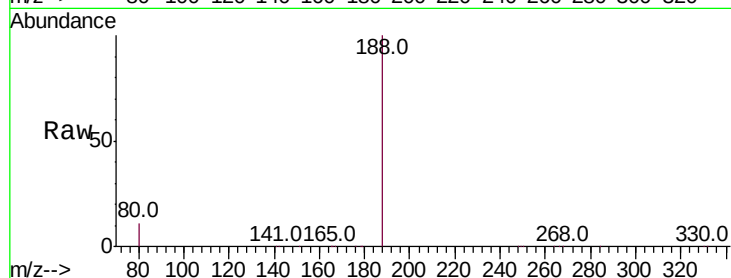
Tot Ion:188 Resp: 93188

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

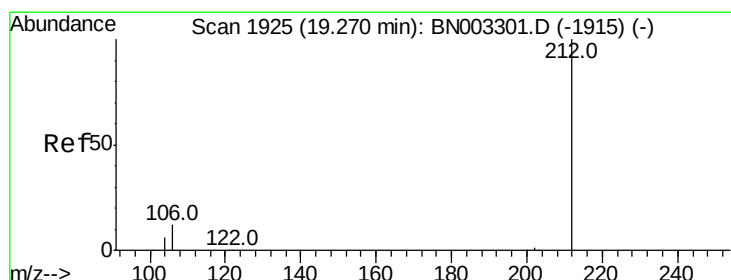
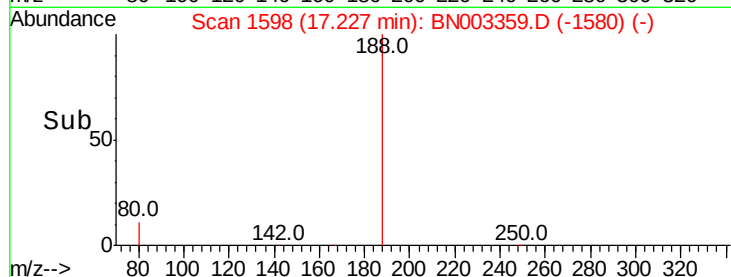
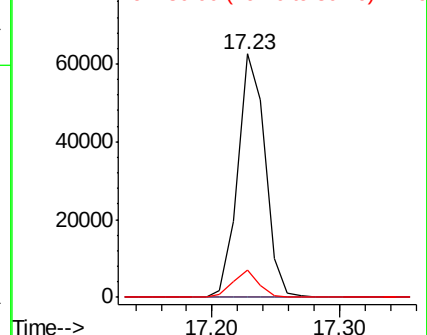
80 11.1 8.6 12.8



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: 0.313 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003359.D

Acq: 30 Oct 2018 14:59

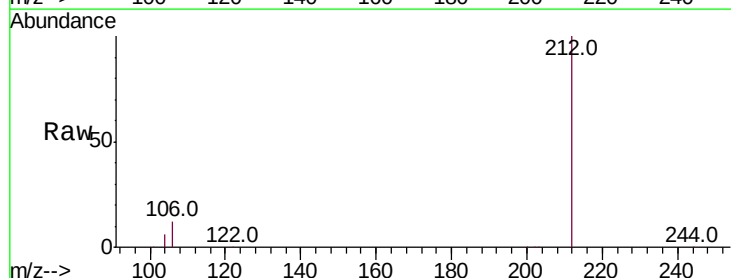
Tgt Ion:212 Resp: 84764

Ion Ratio Lower Upper

212 100

106 13.1 10.3 15.5

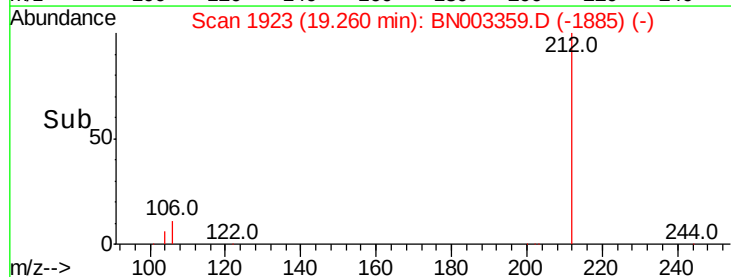
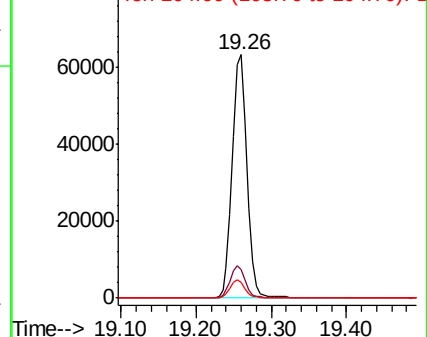
104 7.2 5.6 8.4

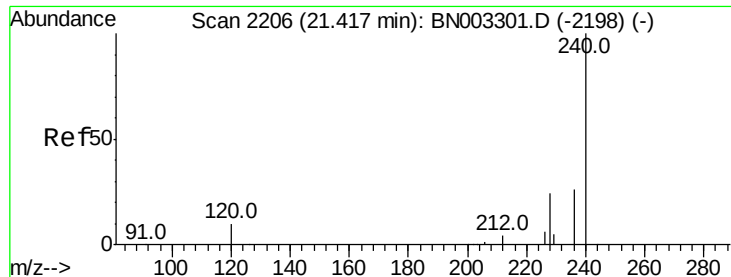


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.41 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BN003359.D

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FT-PZ459I-20181025

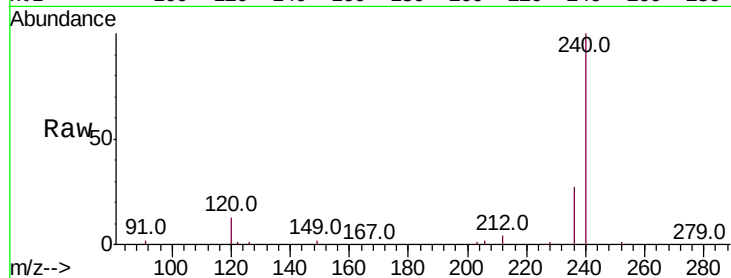
Tot Ion:240 Resp: 90003

Ion Ratio Lower Upper

240 100

120 12.5 9.3 13.9

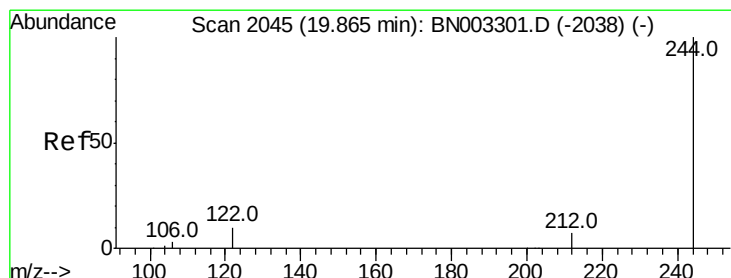
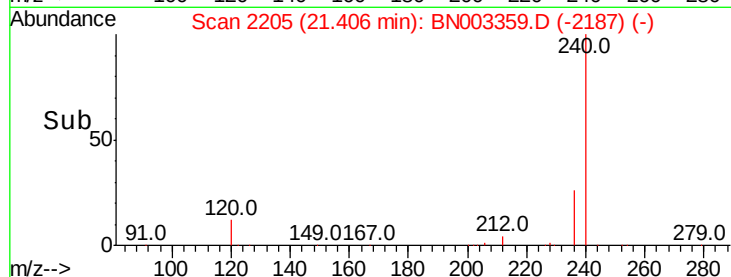
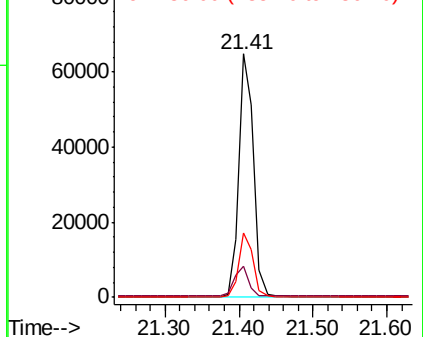
236 26.6 21.0 31.4



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: 0.411 ng

RT: 19.85 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BN003359.D

Acq: 30 Oct 2018 14:59

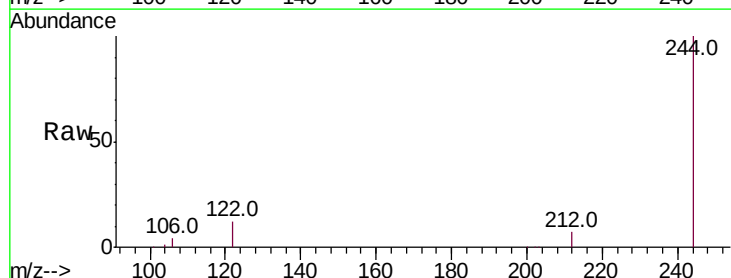
Tgt Ion:244 Resp: 86095

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

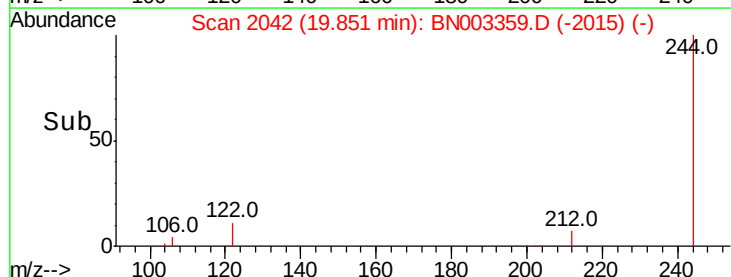
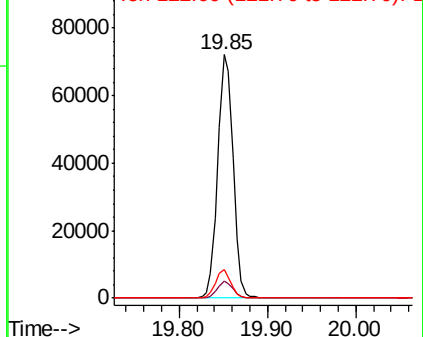
122 11.6 8.5 12.7

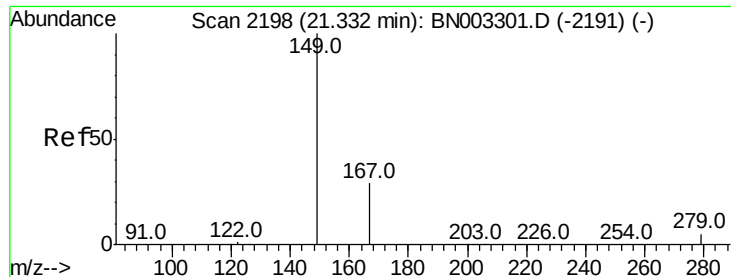


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.057 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003359.D

Acq: 30 Oct 2018 14:59

Instrument :

BNA_N

ClientSampleId :

FT-PZ459I-20181025

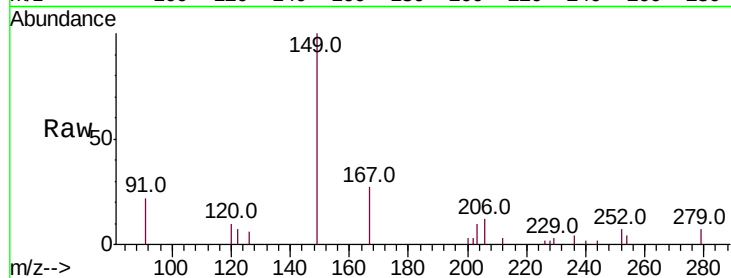
Tot Ion:149 Resp: 3961

Ion Ratio Lower Upper

149 100

167 25.5 22.4 33.6

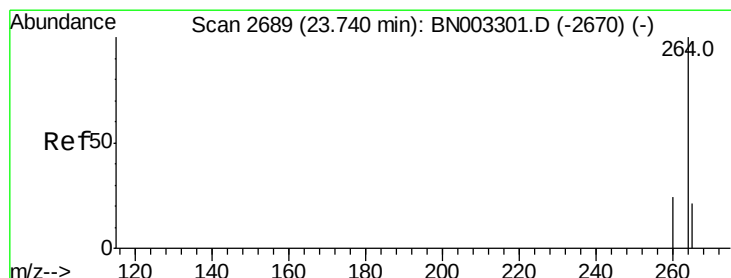
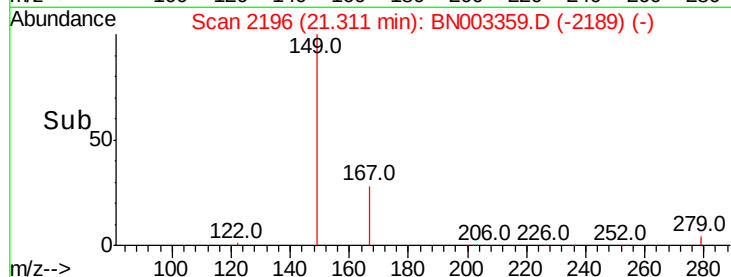
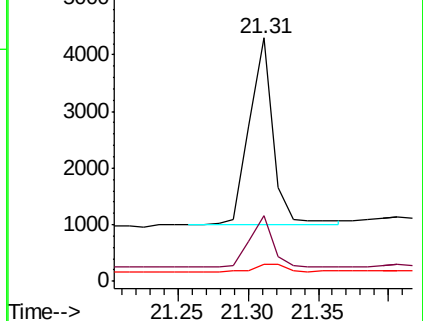
279 5.7 3.9 5.9



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: 23.73 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BN003359.D

Acq: 30 Oct 2018 14:59

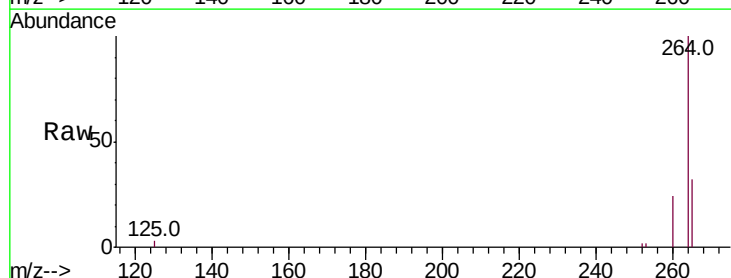
Tgt Ion:264 Resp: 73220

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 32.0 26.4 39.6



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

