

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\
 Data File : BN003339.D
 Acq On : 29 Oct 2018 19:32
 Operator : MJ/SJ
 Sample : J5692-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ145I-20181024

Quant Time: Oct 30 07:29:32 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	16013	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	68837	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	40877	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	99166	0.40	ng	0.00
27) Chrysene-d12	21.42	240	112144	0.40	ng	0.00
34) Perylene-d12	23.73	264	107704	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	6595	0.17	ng	0.00
5) Phenol-d6	7.01	99	5130	0.10	ng	0.00
8) Nitrobenzene-d5	9.02	82	13579	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	37772	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	6023	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	62008	0.35	ng	-0.01
25) Fluoranthene-d10	19.26	212	99451	0.34	ng	0.00
29) Terphenyl-d14	19.86	244	96896	0.37	ng	0.00

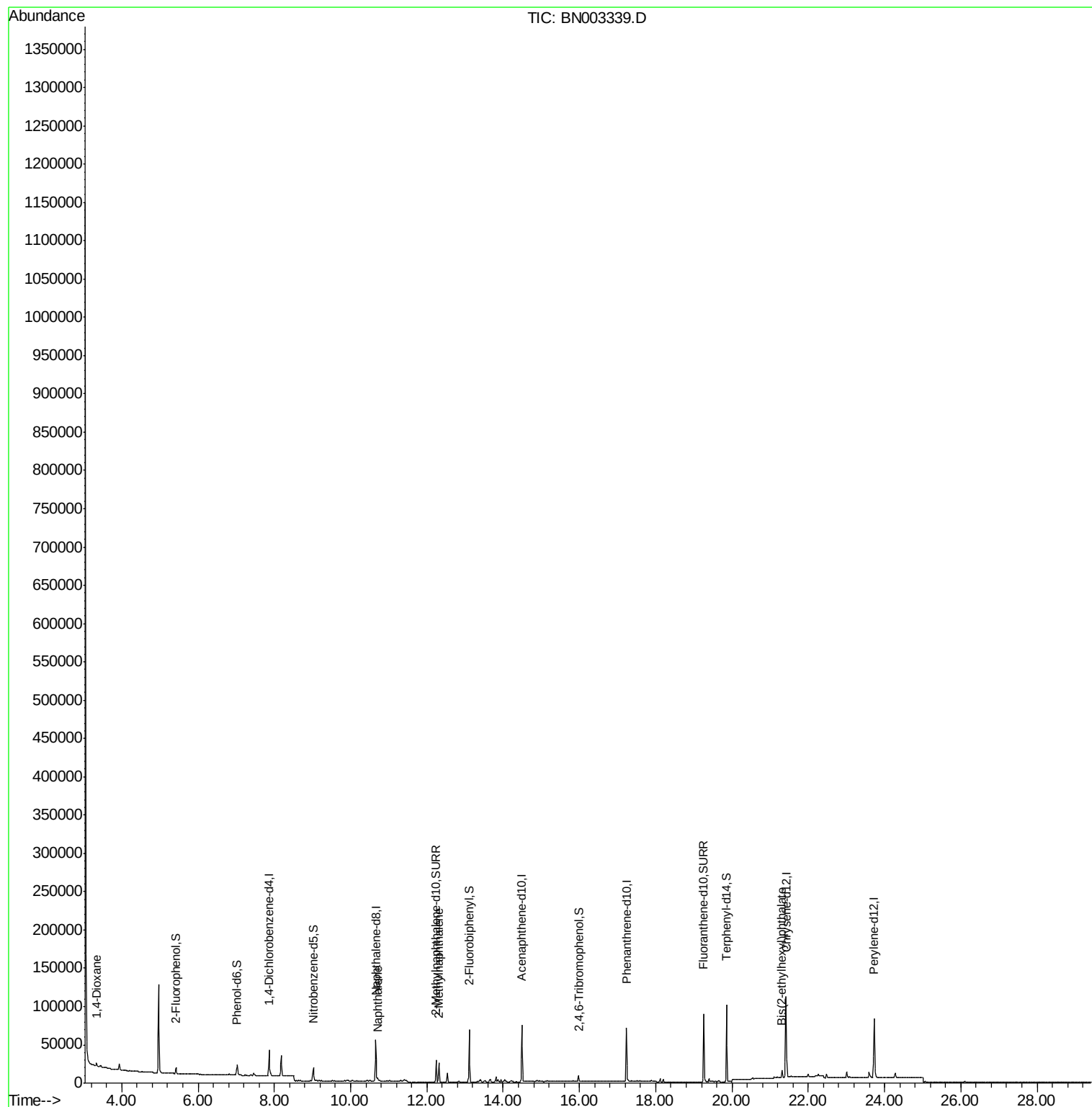
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	2917	0.141	ng	# 67
9) Naphthalene	10.71	128	5577	0.033	ng	# 93
12) 2-Methylnaphthalene	12.31	142	17792	0.151	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	10121	0.116	ng	# 97

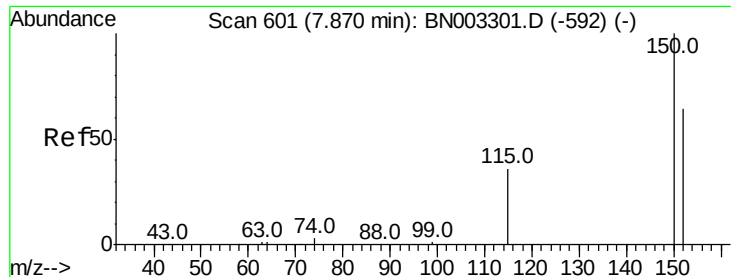
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 600

Delta R.T. -0.01 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20181024

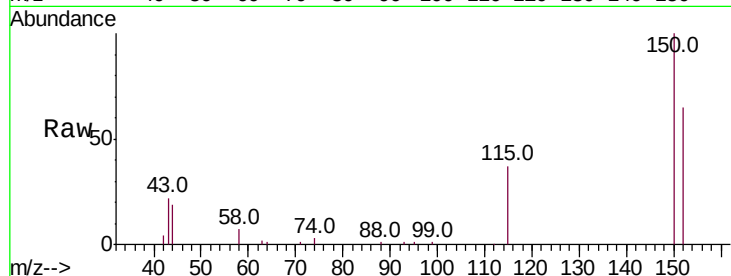
Tot Ion:152 Resp: 16013

Ion Ratio Lower Upper

152 100

150 154.3 124.6 187.0

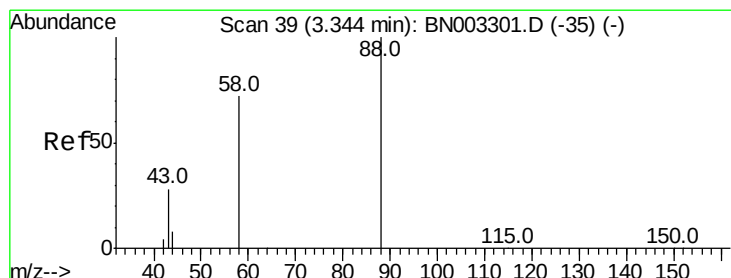
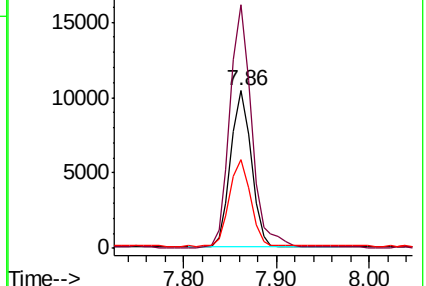
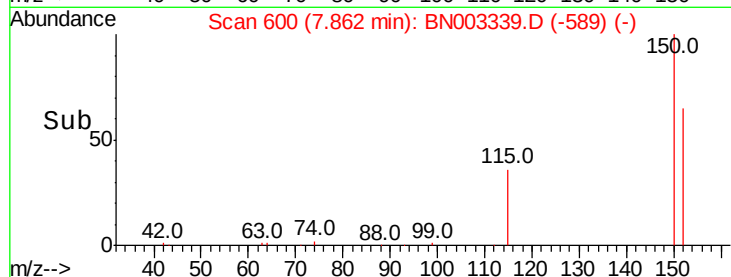
115 56.4 46.4 69.6



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: 0.141 ng

RT: 3.34 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

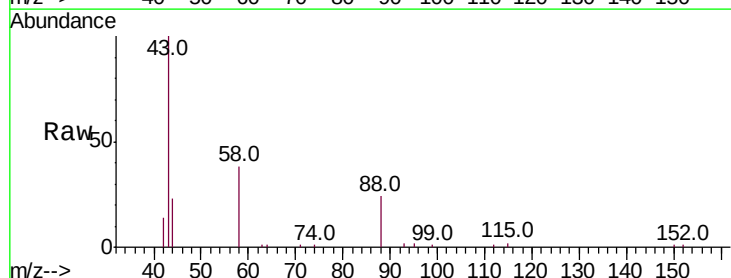
Tgt Ion: 88 Resp: 2917

Ion Ratio Lower Upper

88 100

58 85.9 60.9 91.3

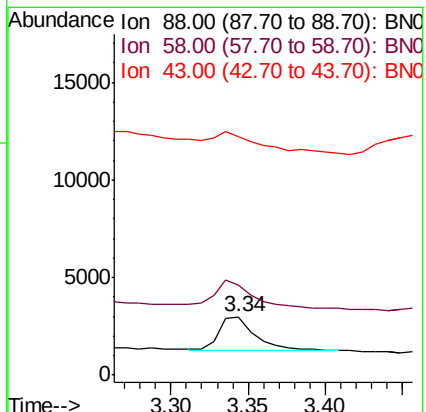
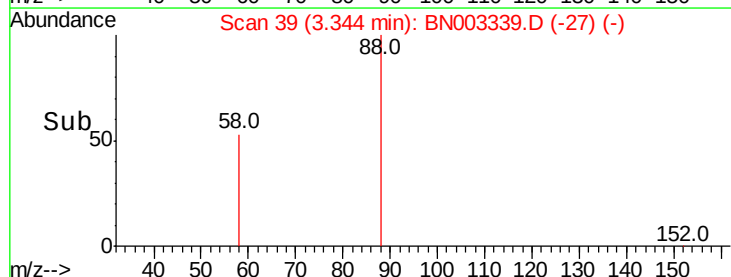
43 77.4 23.9 35.9#

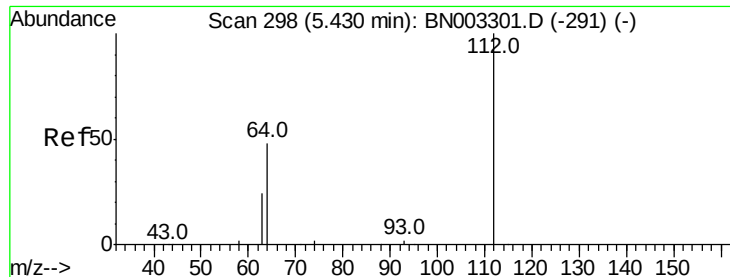


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.166 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20181024

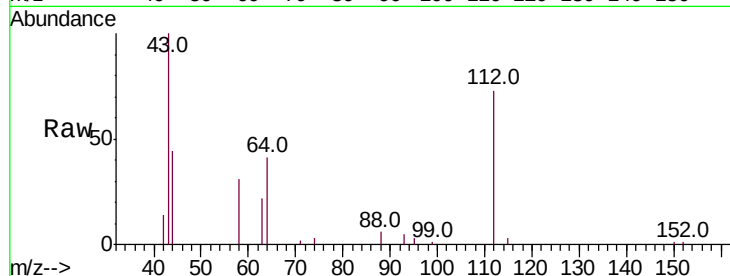
Tot Ion:112 Resp: 6595

Ion Ratio Lower Upper

112 100

64 54.2 44.3 66.5

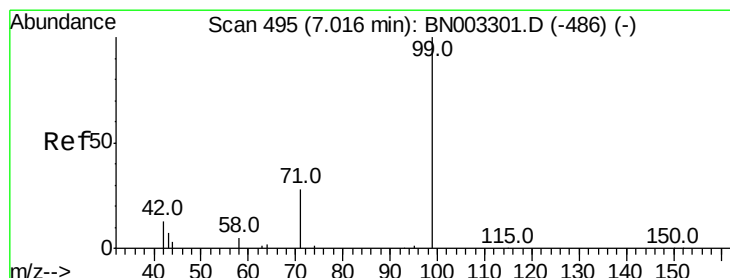
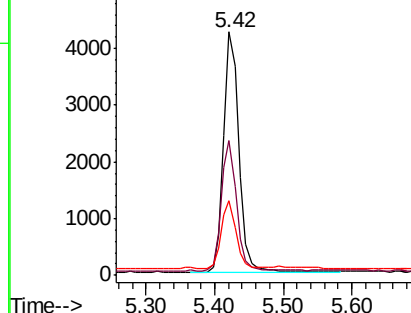
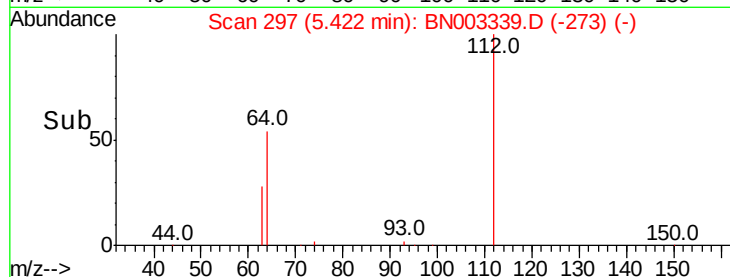
63 26.8 22.4 33.6



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: 0.102 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

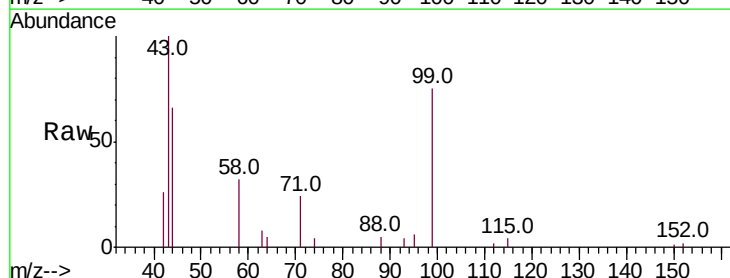
Tgt Ion: 99 Resp: 5130

Ion Ratio Lower Upper

99 100

42 19.5 14.8 22.2

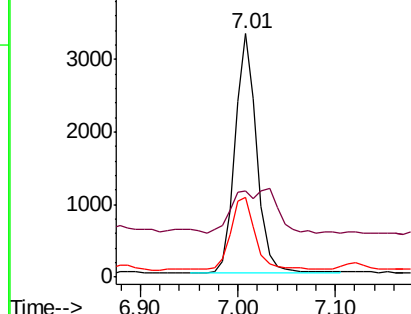
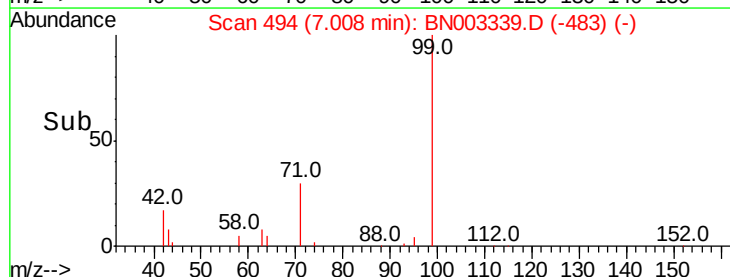
71 33.8 24.8 37.2

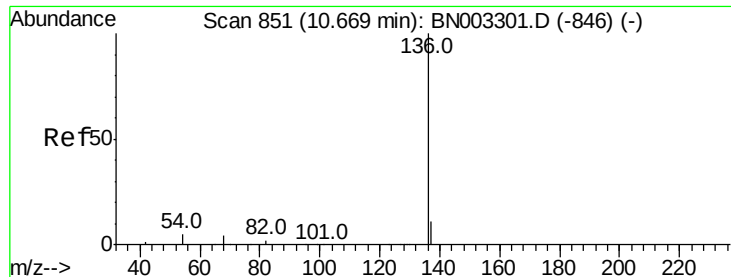


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: BN003339.D

Acq: 29 Oct 2018 19:32

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20181024

Tot Ion:136 Resp: 68837

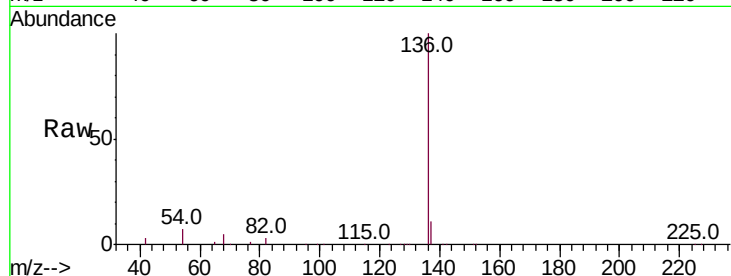
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.6 4.1 6.1#

68 5.5 3.5 5.3#

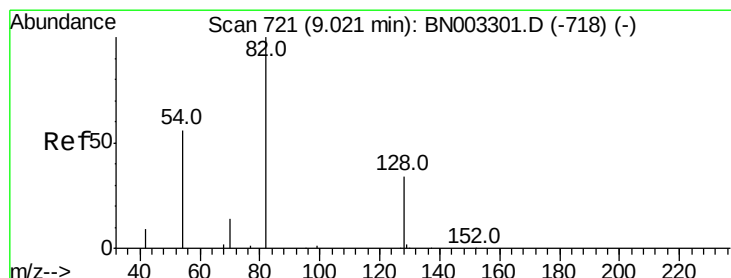
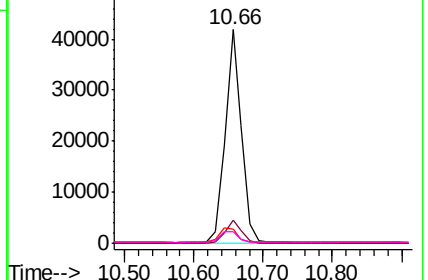
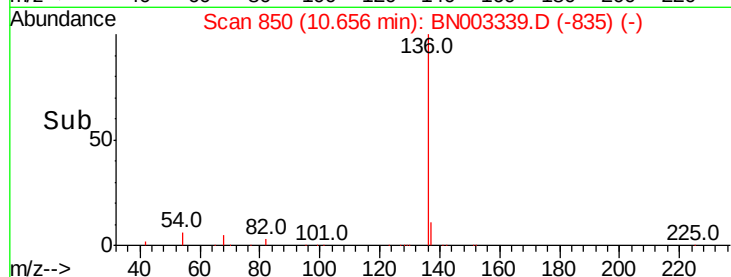


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.450 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

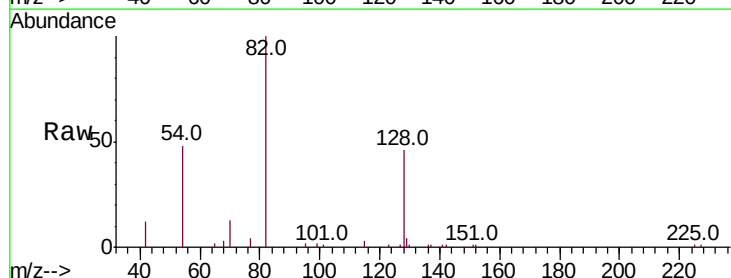
Tgt Ion: 82 Resp: 13579

Ion Ratio Lower Upper

82 100

128 46.5 28.9 43.3#

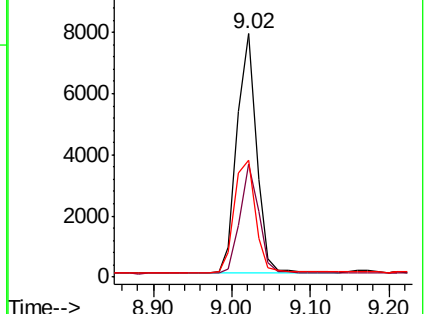
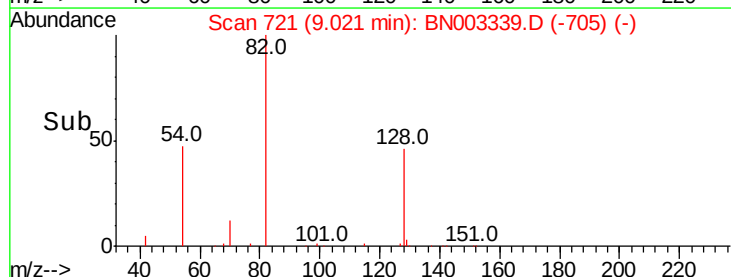
54 47.9 46.1 69.1

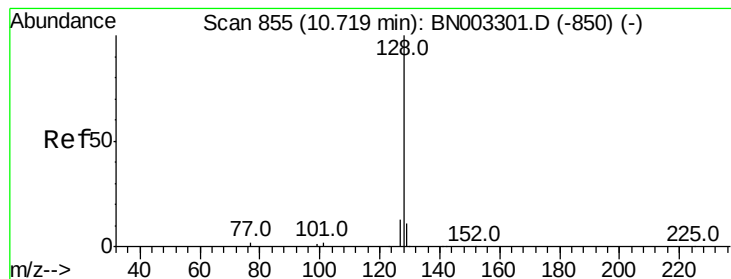


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.033 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20181024

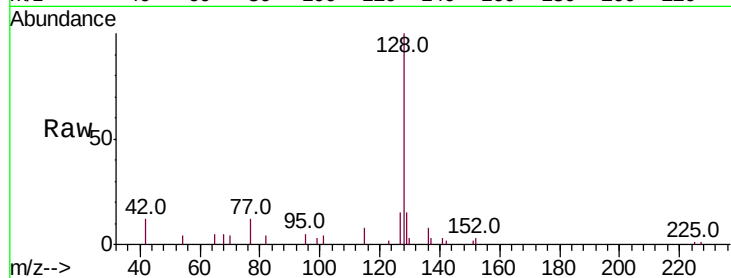
Tot Ion:128 Resp: 5577

Ion Ratio Lower Upper

128 100

129 14.9 9.1 13.7#

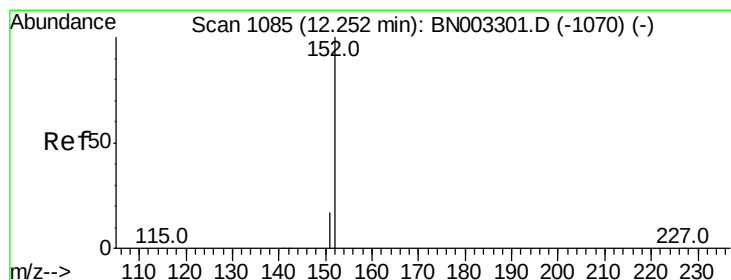
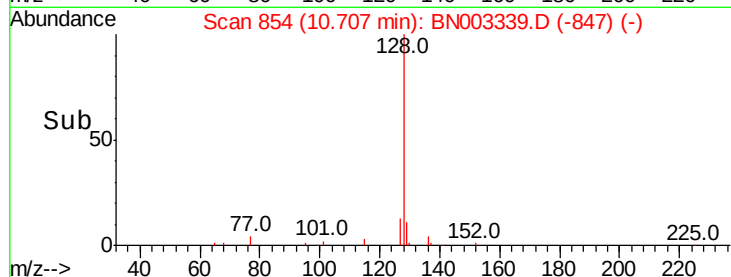
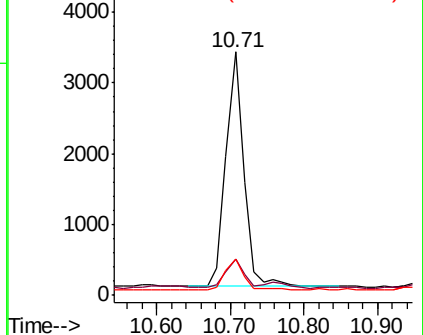
127 14.7 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.337 ng

RT: 12.24 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BN003339.D

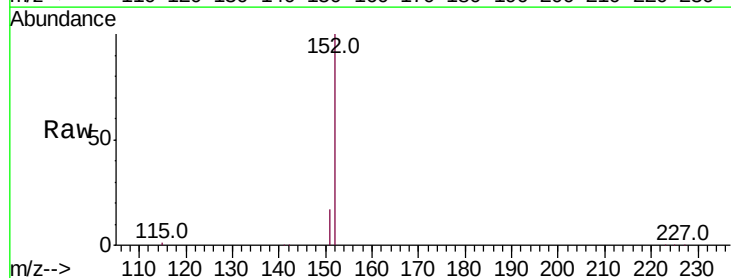
Acq: 29 Oct 2018 19:32

Tgt Ion:152 Resp: 37772

Ion Ratio Lower Upper

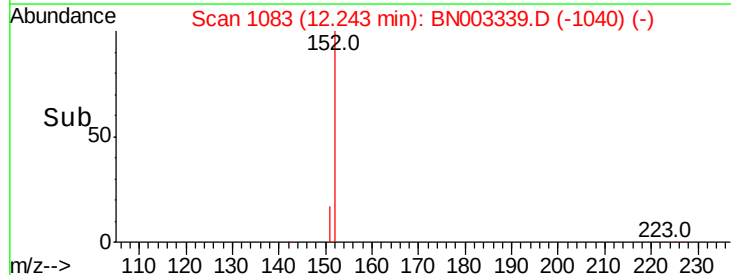
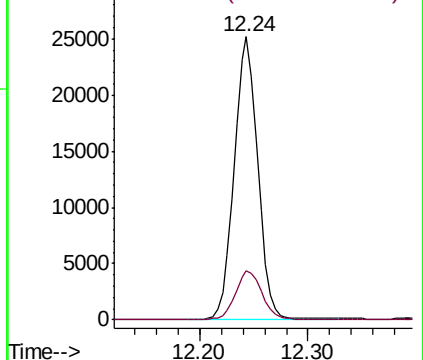
152 100

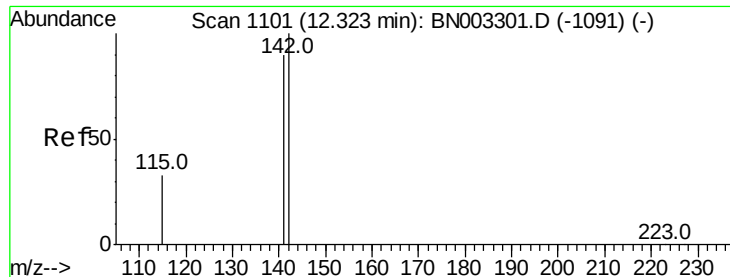
151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

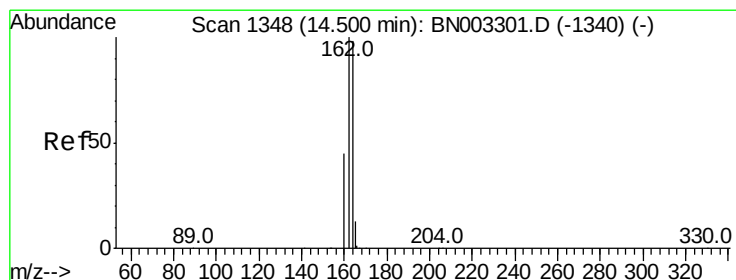
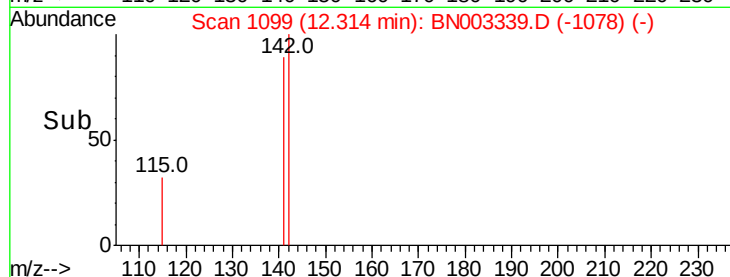
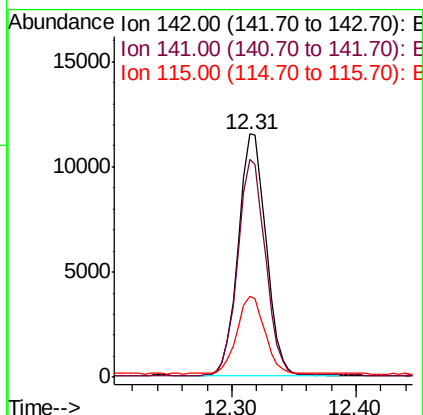
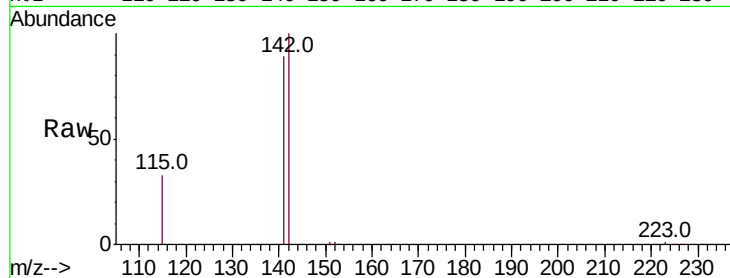




#12
2-Methylnaphthalene
Concen: 0.151 ng
RT: 12.31 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BN003339.D
Acq: 29 Oct 2018 19:32

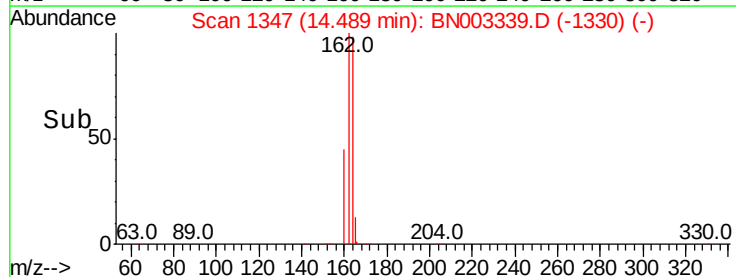
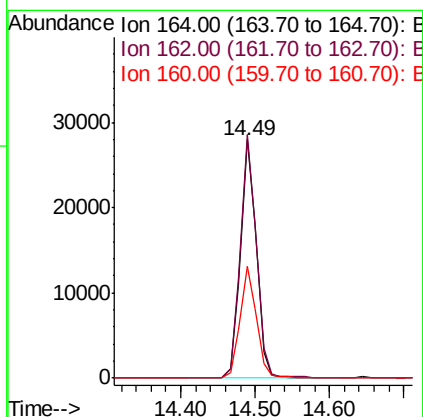
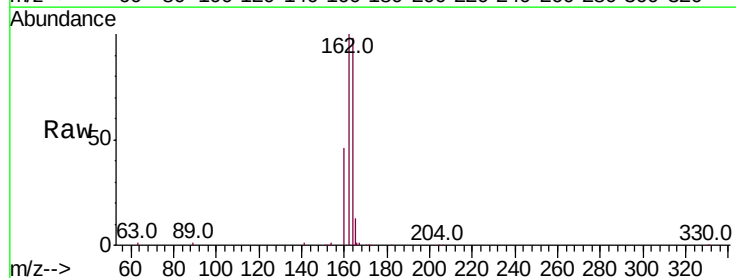
Instrument :
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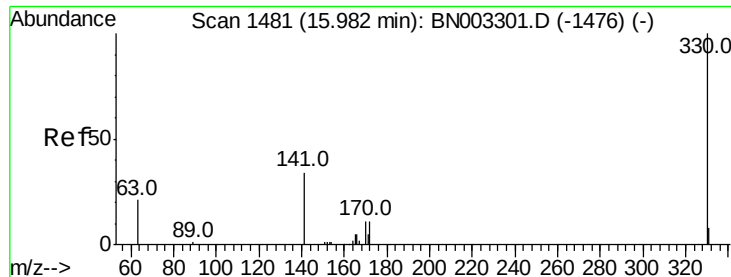
Tot Ion:142 Resp: 17792
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9
115 33.3 27.0 40.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003339.D
Acq: 29 Oct 2018 19:32

Tgt Ion:164 Resp: 40877
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 46.7 37.2 55.8

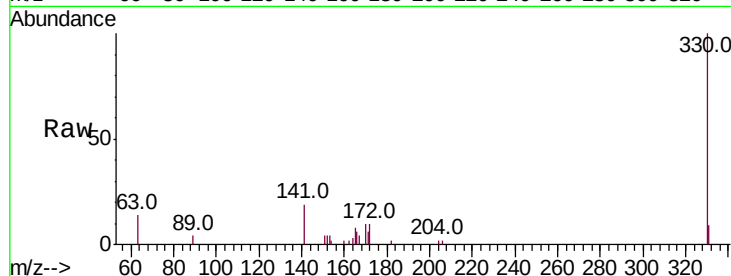




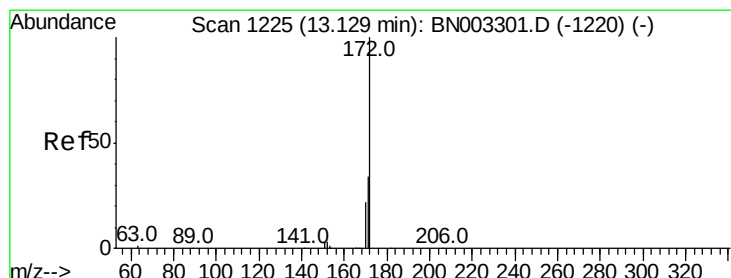
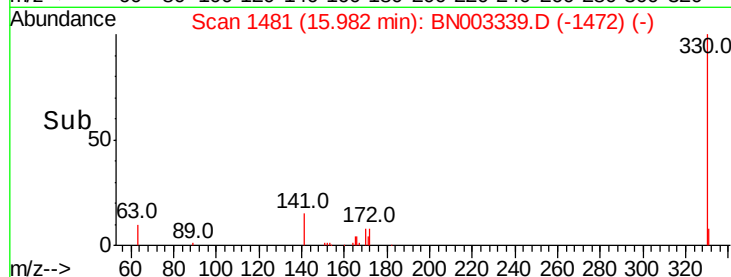
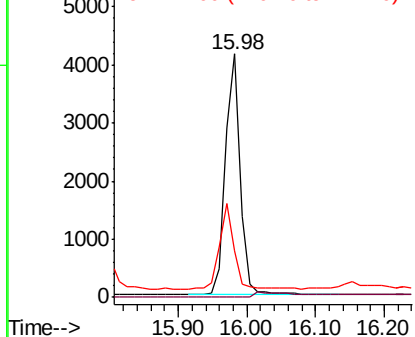
#14
 2,4,6-Tribromophenol
 Concen: 0.370 ng
 RT: 15.98 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BN003339.D
 Acq: 29 Oct 2018 19:32

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ145I-20181024

Tot Ion:330 Resp: 6023
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.6 28.3 42.5

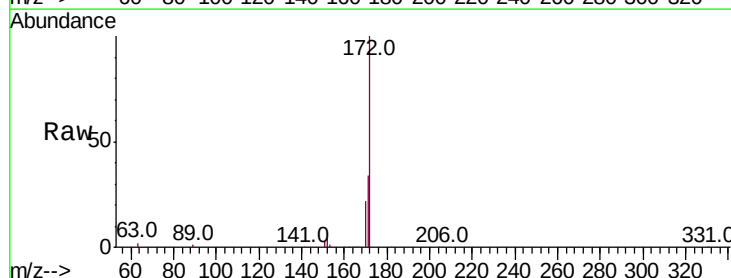


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

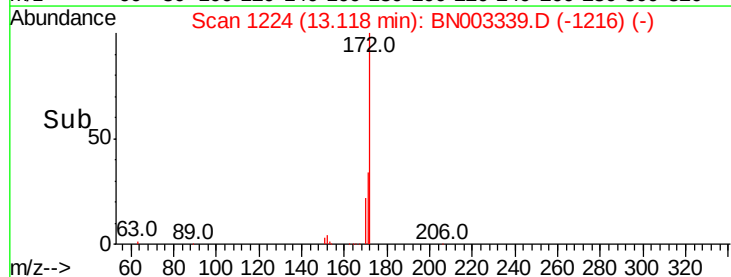
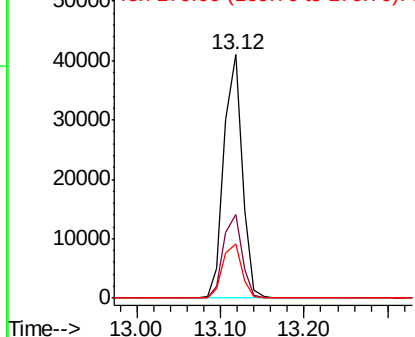


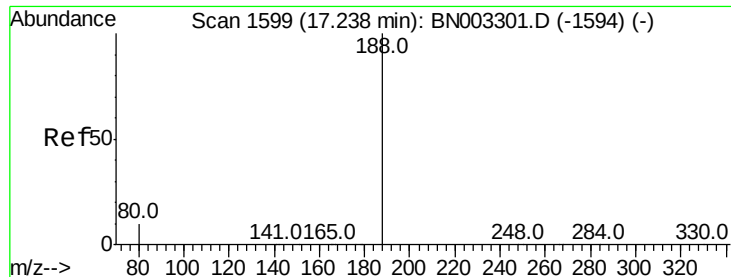
#15
 2-Fluorobiphenyl
 Concen: 0.353 ng
 RT: 13.12 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BN003339.D
 Acq: 29 Oct 2018 19:32

Tgt Ion:172 Resp: 62008
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.1 40.7
 170 22.3 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: 17.24 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20181024

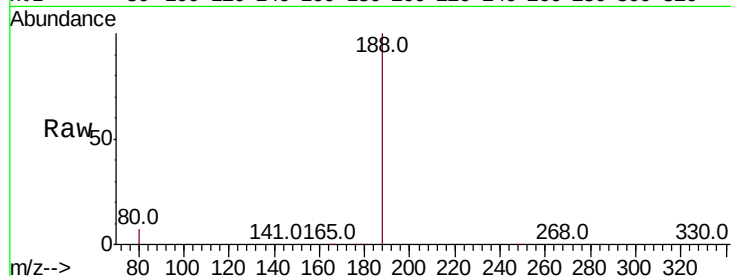
Tot Ion:188 Resp: 99166

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

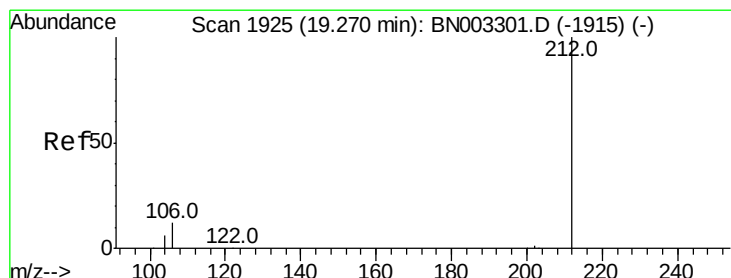
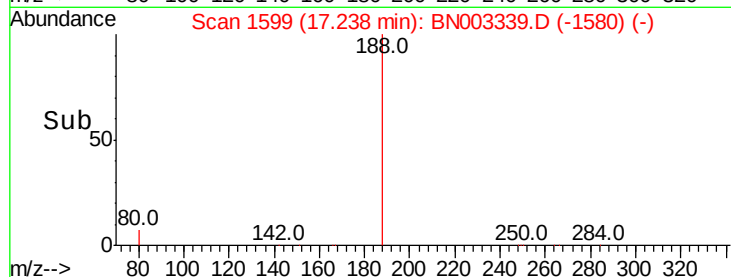
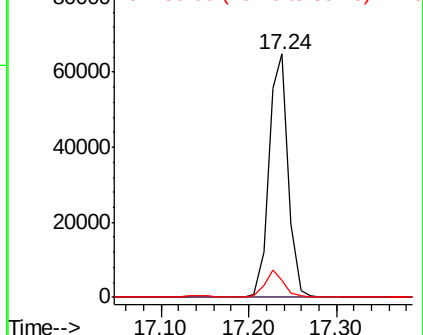
80 6.9 8.6 12.8#



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: 0.345 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

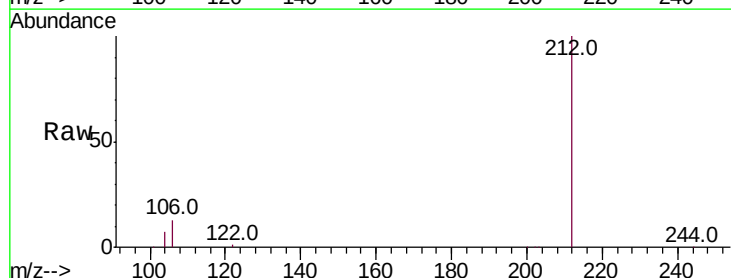
Tgt Ion:212 Resp: 99451

Ion Ratio Lower Upper

212 100

106 12.9 10.3 15.5

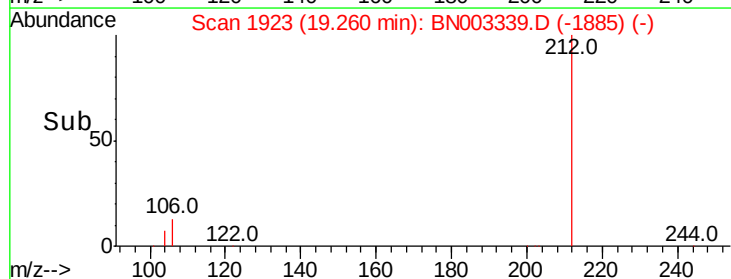
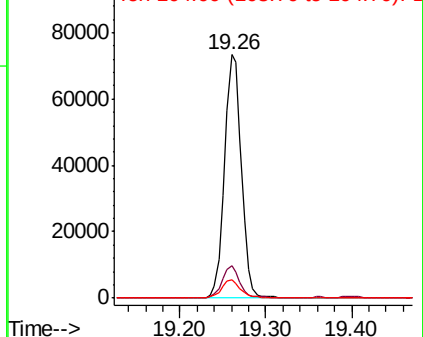
104 7.5 5.6 8.4

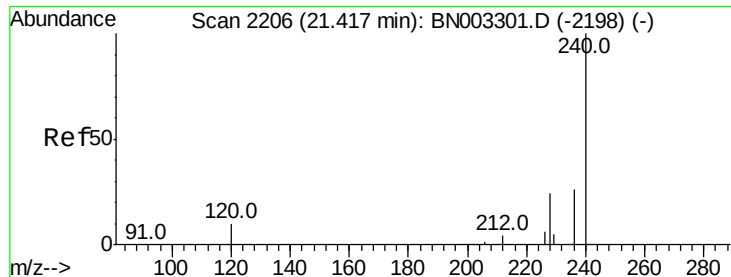


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.42 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20181024

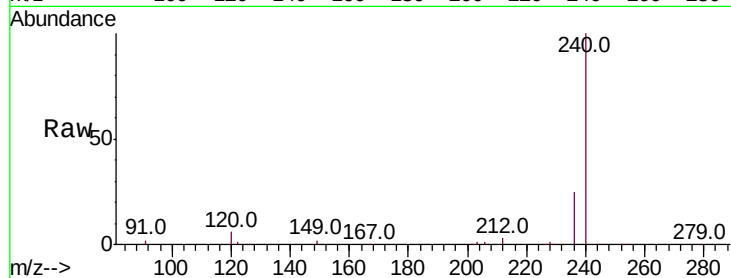
Tot Ion:240 Resp: 112144

Ion Ratio Lower Upper

240 100

120 5.8 9.3 13.9#

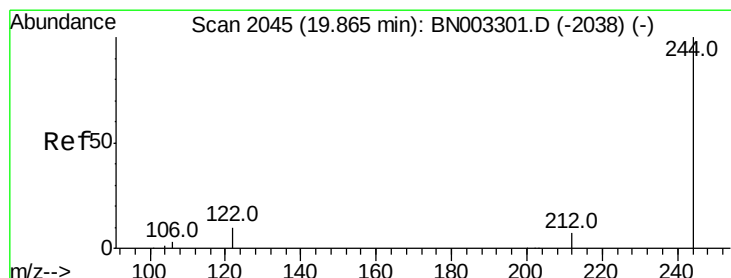
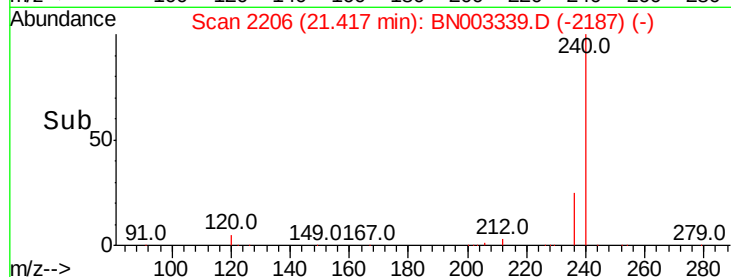
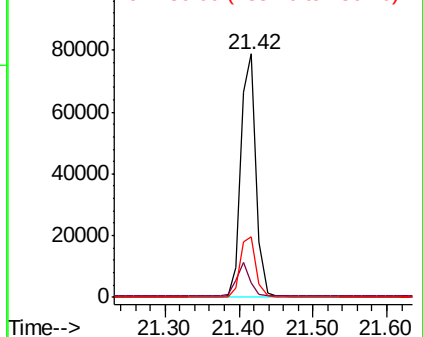
236 25.0 21.0 31.4



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: 0.371 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

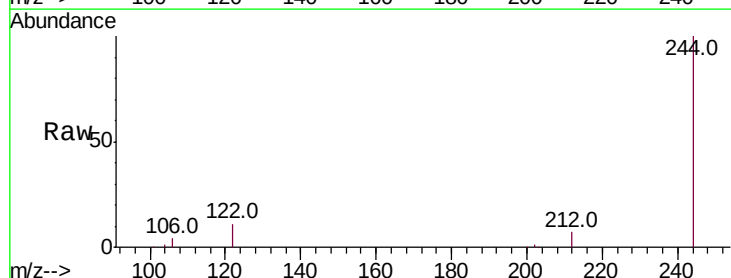
Tgt Ion:244 Resp: 96896

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

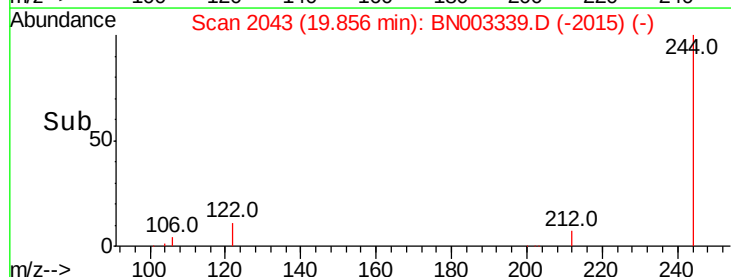
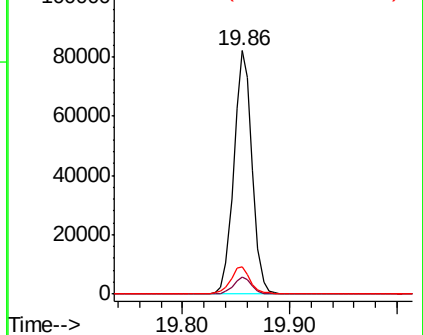
122 11.2 8.5 12.7

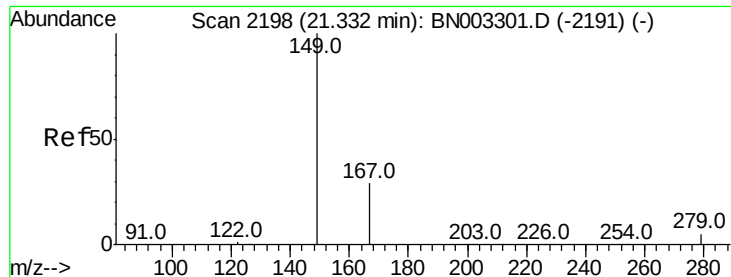


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.116 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

Instrument :

BNA_N

ClientSampleId :

SA-PZ145I-20181024

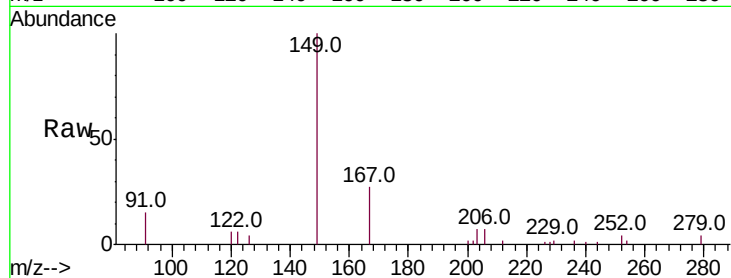
Tot Ion:149 Resp: 10121

Ion Ratio Lower Upper

149 100

167 26.5 22.4 33.6

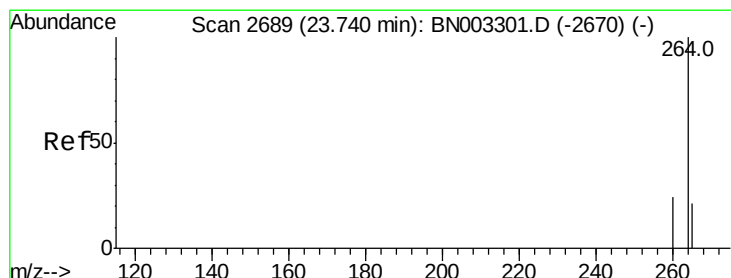
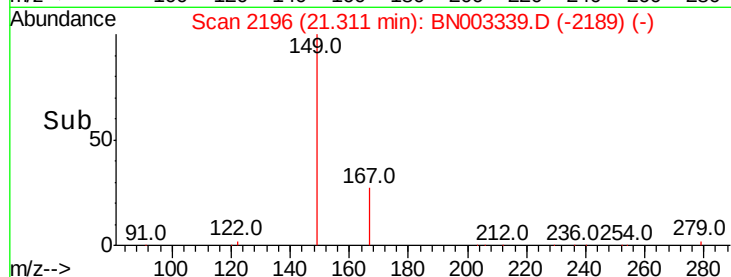
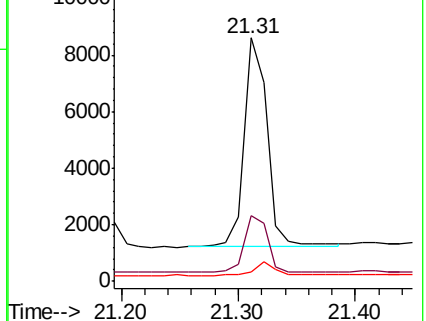
279 6.4 3.9 5.9#



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# 2686

Delta R.T. -0.01 min

Lab File: BN003339.D

Acq: 29 Oct 2018 19:32

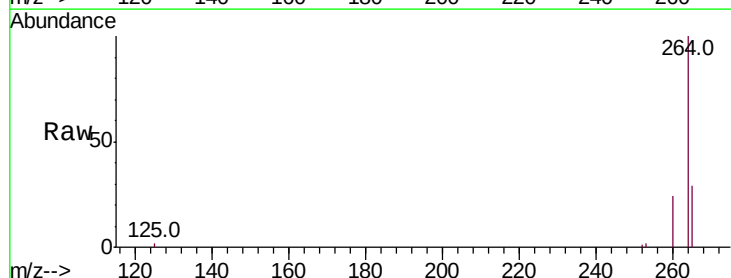
Tgt Ion:264 Resp: 107704

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 29.0 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

