

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\
 Data File : BN003352.D
 Acq On : 30 Oct 2018 03:09
 Operator : MJ/SJ
 Sample : J5692-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FT-PZ456I-20181025

Quant Time: Oct 30 06:47:24 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	17007	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	71907	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	44015	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	98151	0.40	ng	0.00
27) Chrysene-d12	21.42	240	106240	0.40	ng	0.00
34) Perylene-d12	23.73	264	96819	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	6989	0.17	ng	0.00
5) Phenol-d6	7.01	99	5136	0.10	ng	0.00
8) Nitrobenzene-d5	9.02	82	15066	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	39332	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	6257	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	125928	0.66	ng	-0.01
25) Fluoranthene-d10	19.26	212	93824	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	96499	0.39	ng	0.00

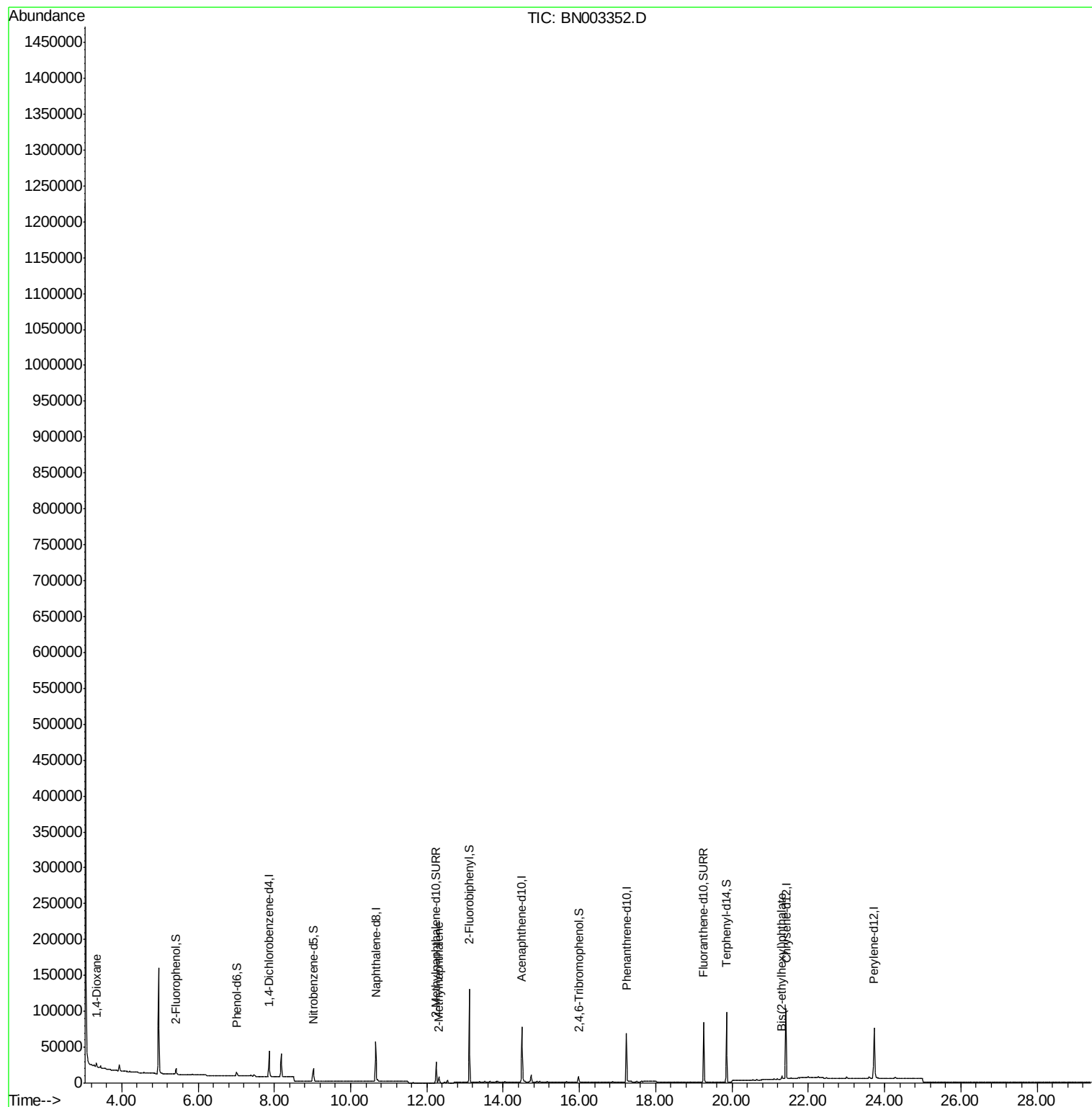
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	4221	0.192	ng	# 71
12) 2-Methylnaphthalene	12.31	142	5694	0.046	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	4241	0.051	ng	97

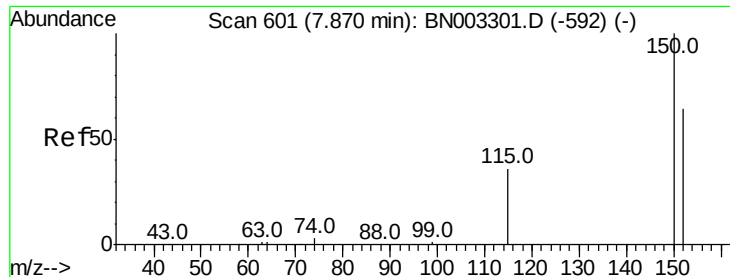
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN003352.D

Acq: 30 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :

FT-PZ456I-20181025

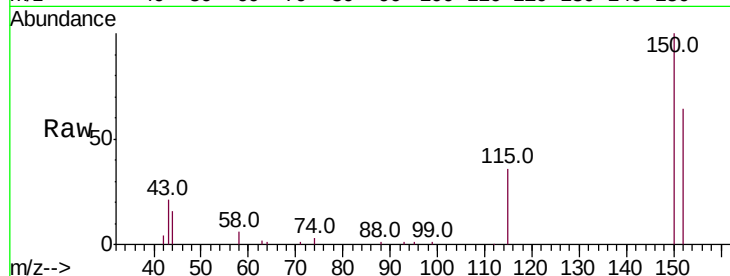
Tot Ion:152 Resp: 17007

Ion Ratio Lower Upper

152 100

150 156.4 124.6 187.0

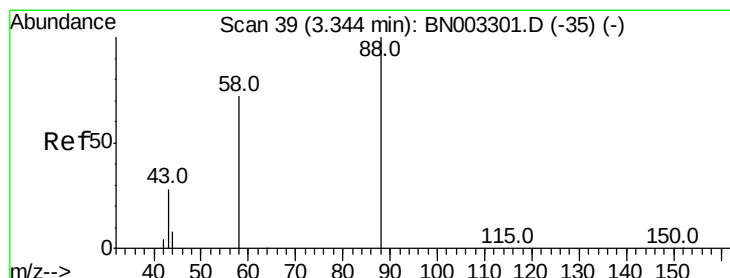
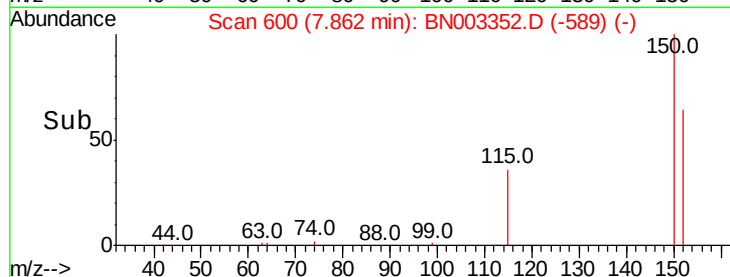
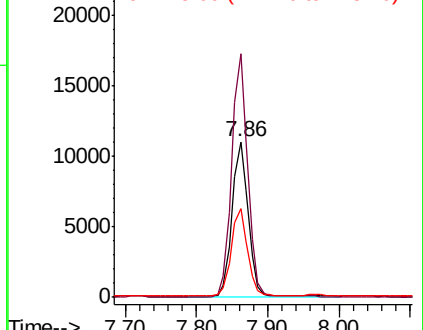
115 57.0 46.4 69.6



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: 0.192 ng

RT: 3.34 min Scan# 38

Delta R.T. -0.01 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

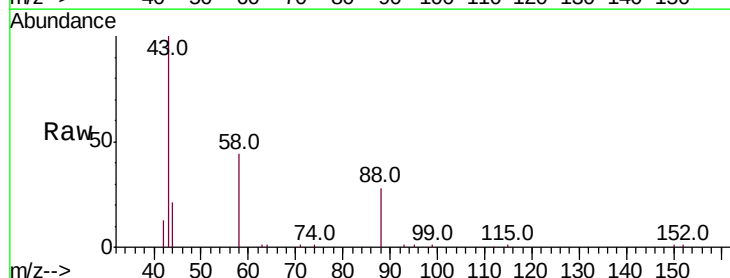
Tgt Ion: 88 Resp: 4221

Ion Ratio Lower Upper

88 100

58 76.8 60.9 91.3

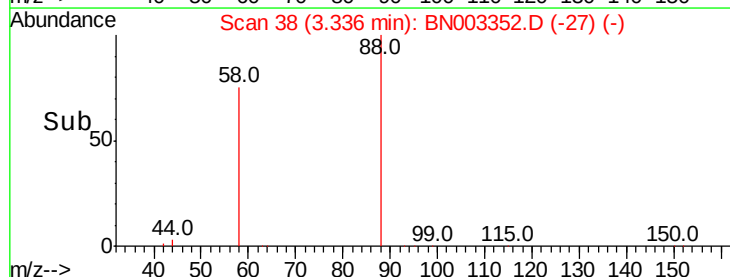
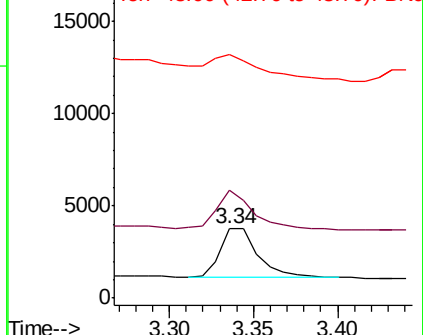
43 84.2 23.9 35.9#

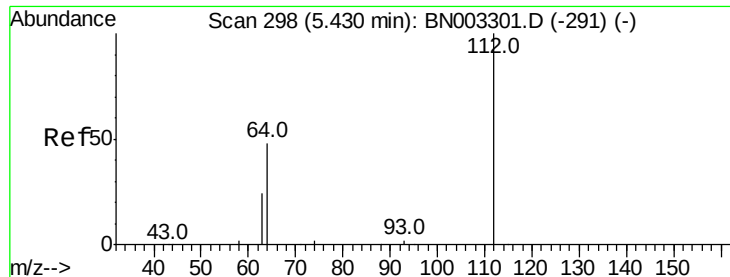


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.166 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :

FT-PZ456I-20181025

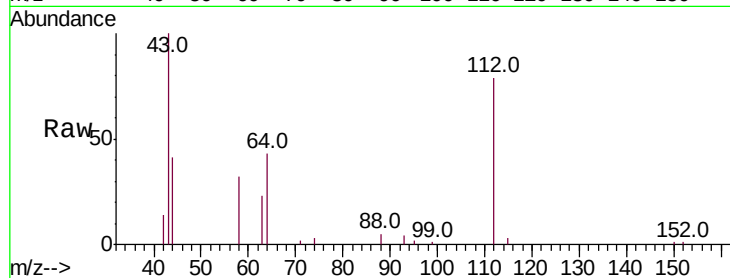
Tot Ion:112 Resp: 6989

Ion Ratio Lower Upper

112 100

64 53.7 44.3 66.5

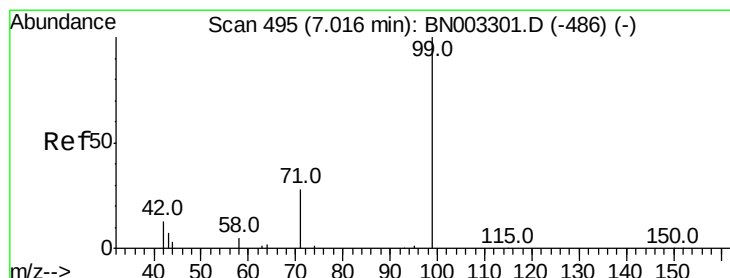
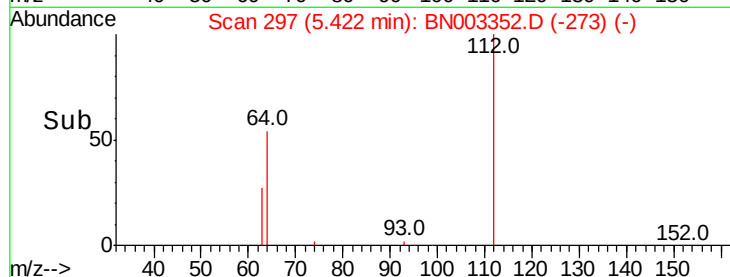
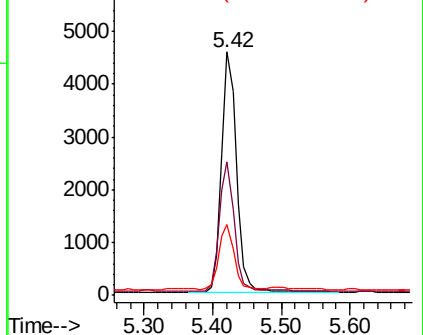
63 27.0 22.4 33.6



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: 0.097 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

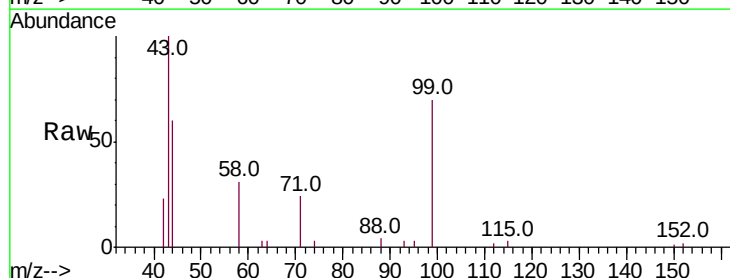
Tgt Ion: 99 Resp: 5136

Ion Ratio Lower Upper

99 100

42 20.6 14.8 22.2

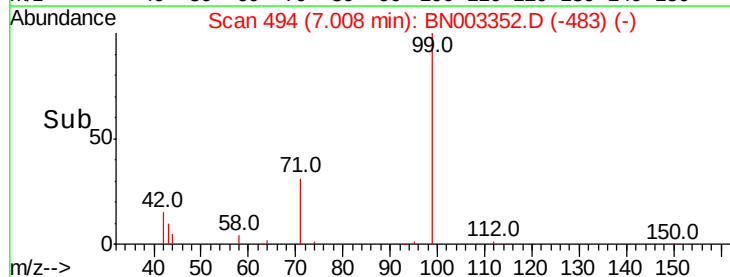
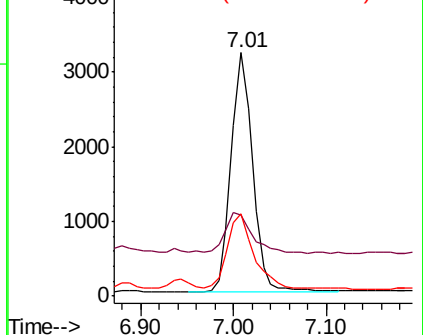
71 38.0 24.8 37.2#

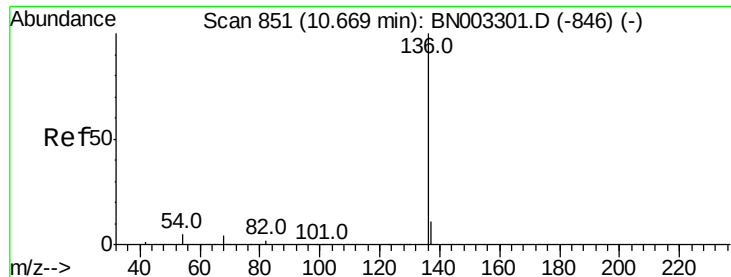


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: BN003352.D

Acq: 30 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :

FT-PZ456I-20181025

Tot Ion:136 Resp: 71907

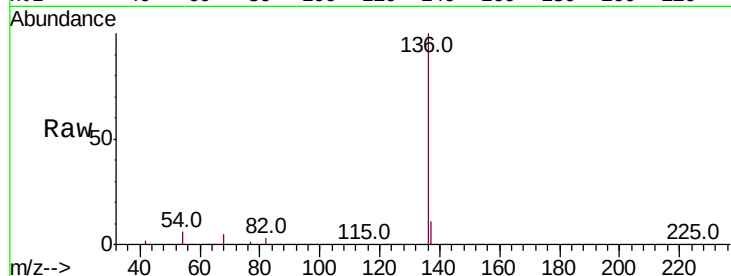
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.3 4.1 6.1#

68 5.4 3.5 5.3#

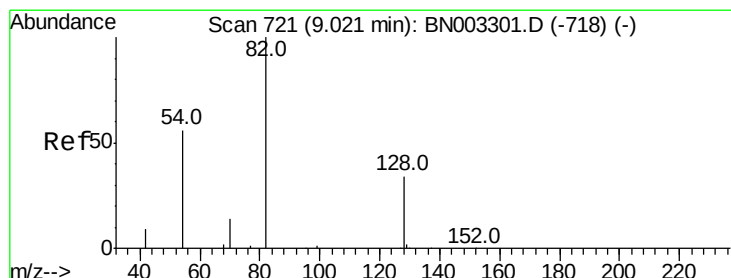
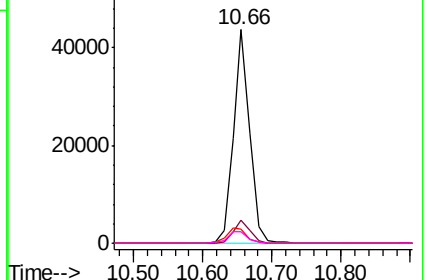
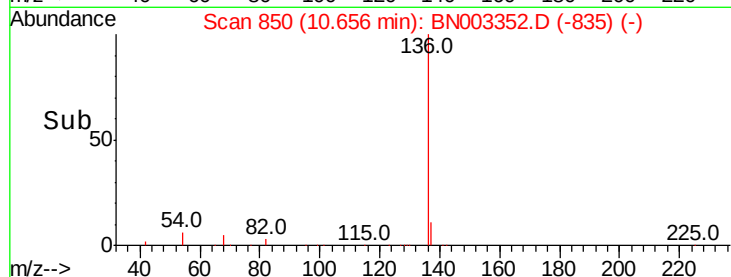


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.478 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

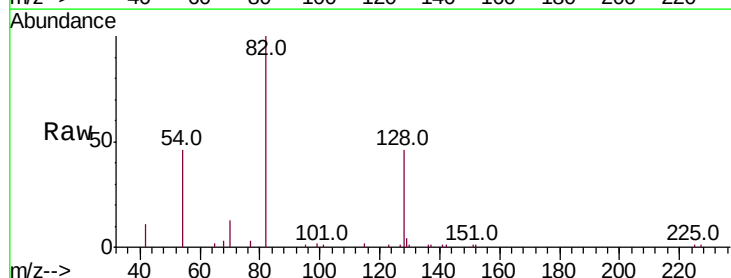
Tgt Ion: 82 Resp: 15066

Ion Ratio Lower Upper

82 100

128 46.4 28.9 43.3#

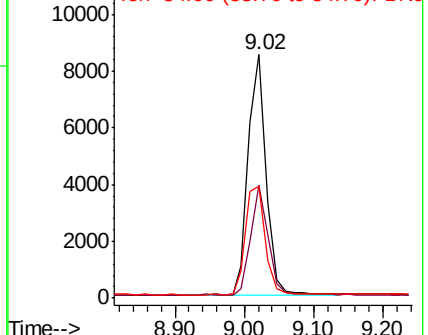
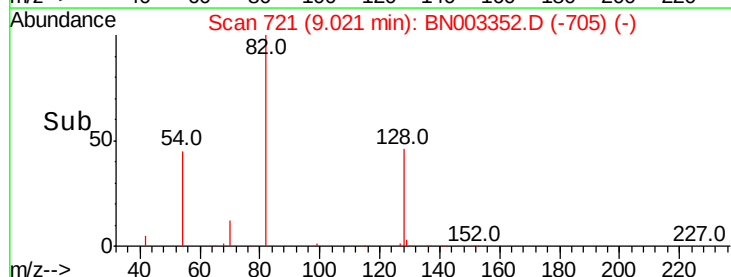
54 46.2 46.1 69.1

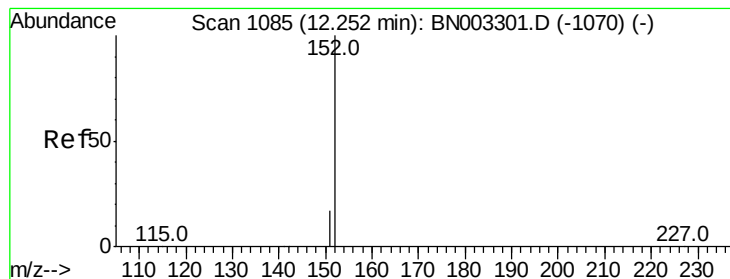


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.336 ng

RT: 12.24 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :

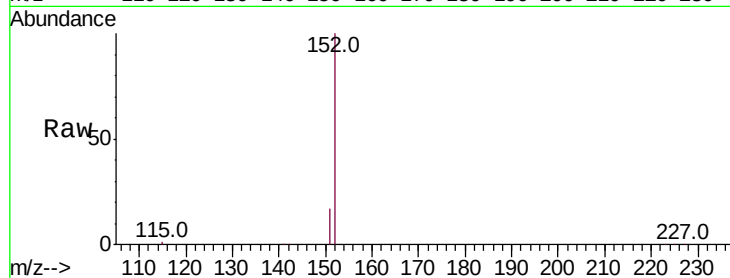
FT-PZ456I-20181025

Tot Ion:152 Resp: 39332

Ion Ratio Lower Upper

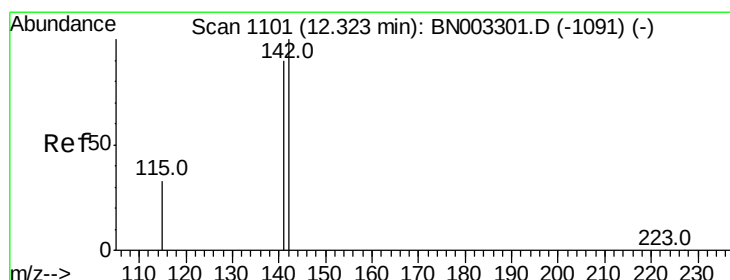
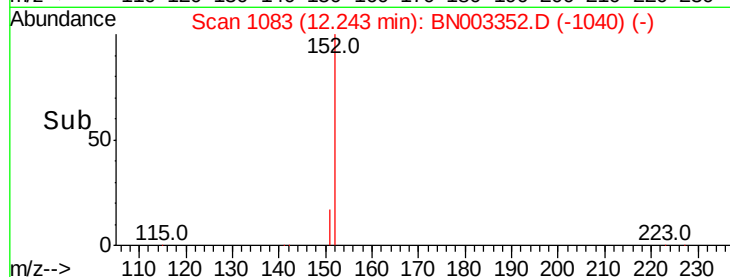
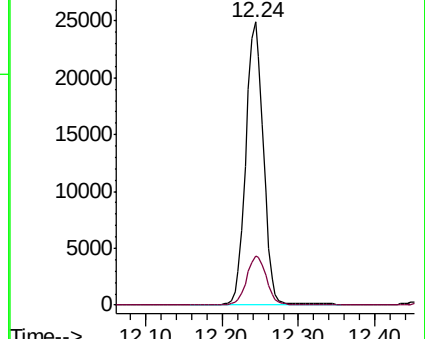
152 100

151 19.1 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: 0.046 ng

RT: 12.31 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

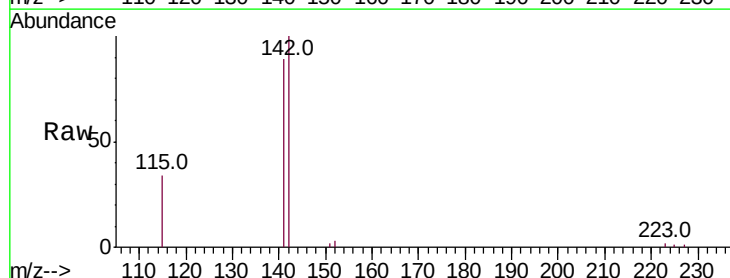
Tgt Ion:142 Resp: 5694

Ion Ratio Lower Upper

142 100

141 88.9 71.9 107.9

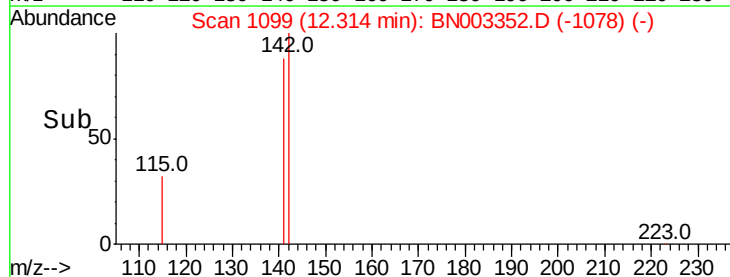
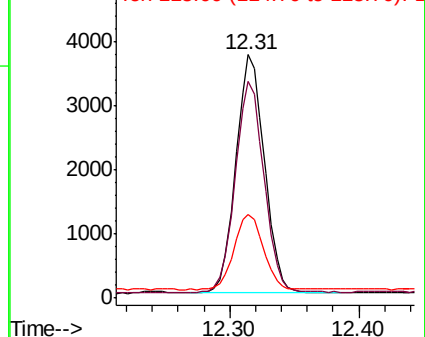
115 34.5 27.0 40.6

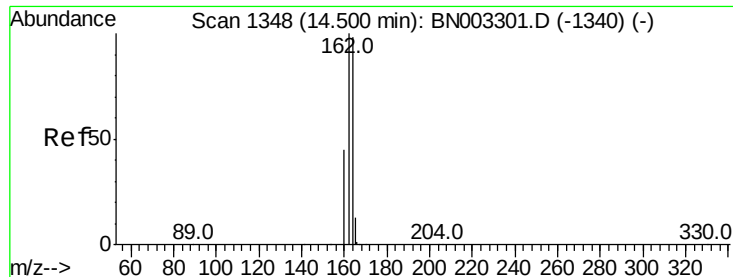


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :

FT-PZ456I-20181025

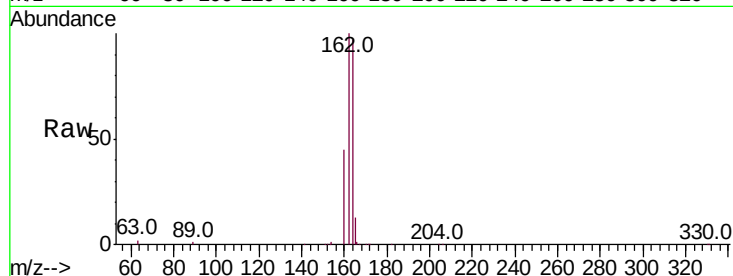
Tot Ion:164 Resp: 44015

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

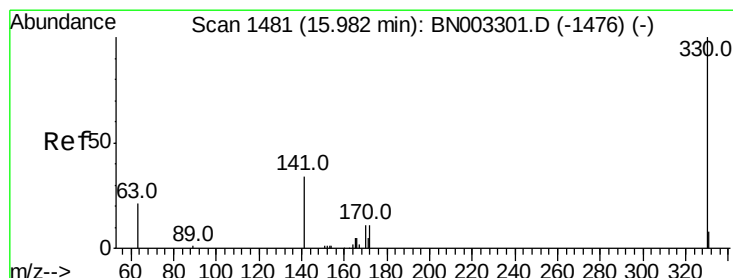
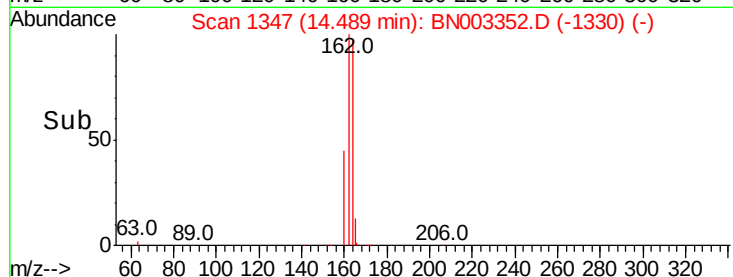
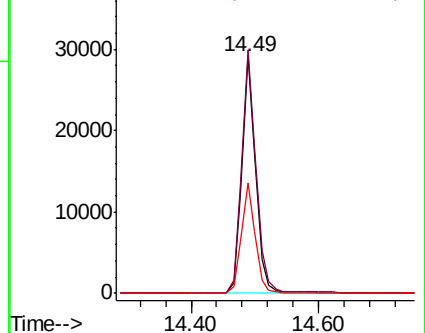
160 46.6 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.357 ng

RT: 15.98 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

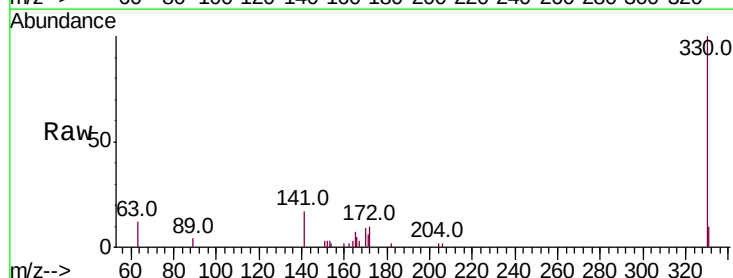
Tgt Ion:330 Resp: 6257

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

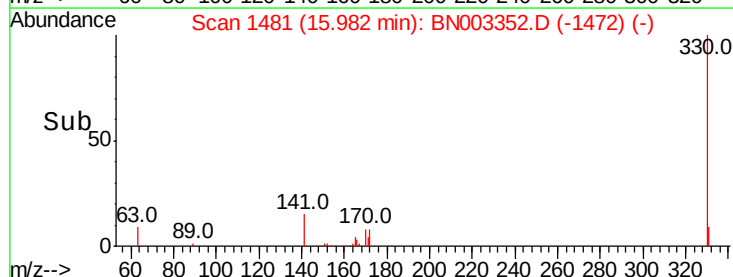
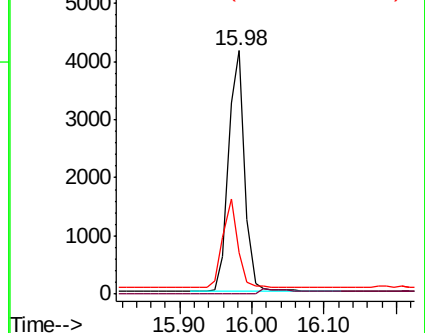
141 34.4 28.3 42.5

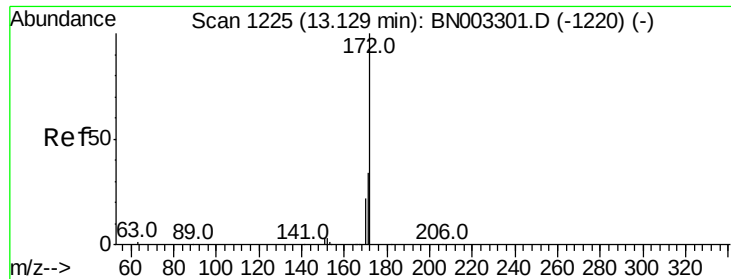


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

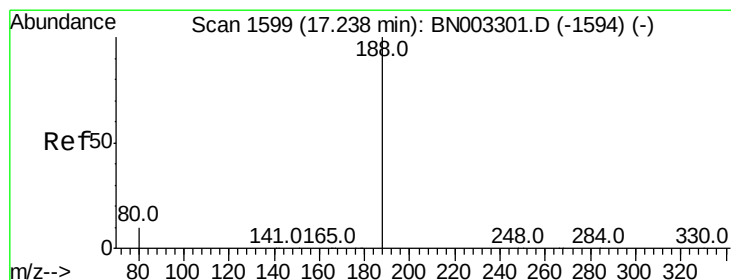
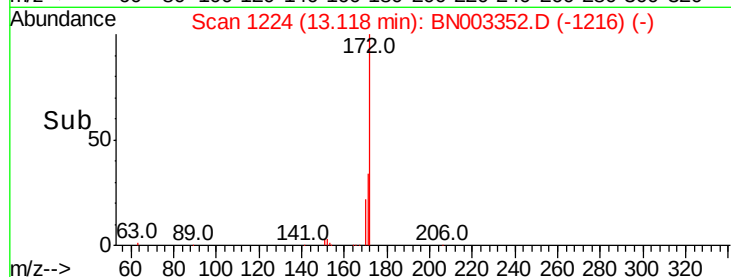
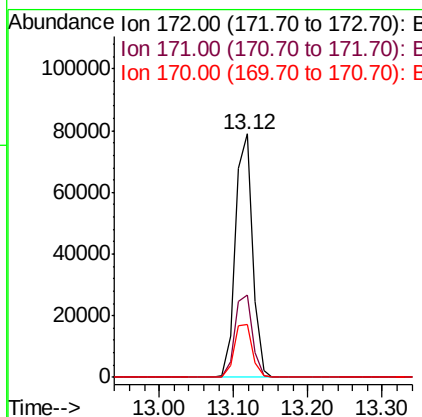
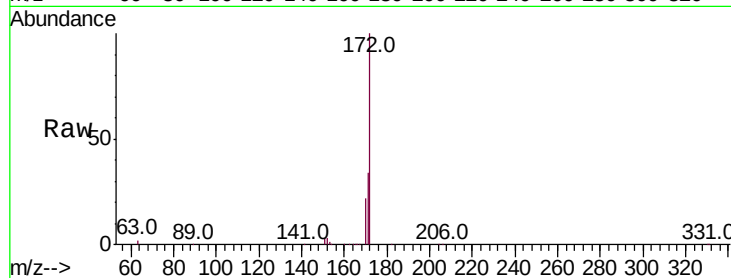




#15
2-Fluorobiphenyl
Concen: 0.665 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003352.D
Acq: 30 Oct 2018 03:09

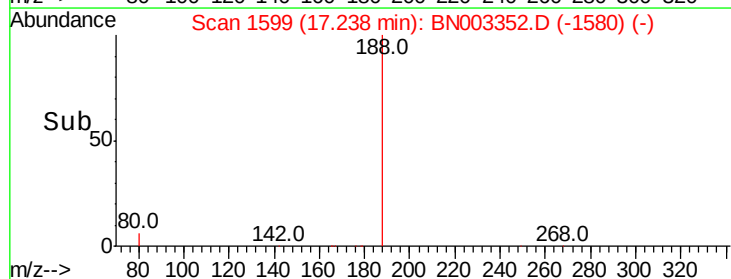
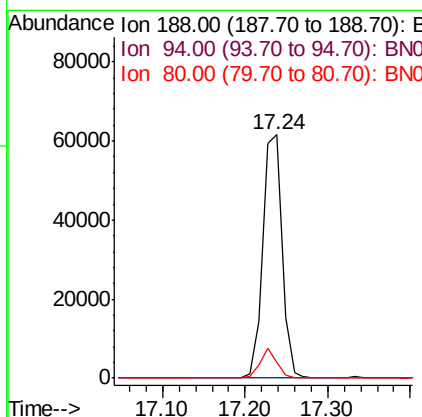
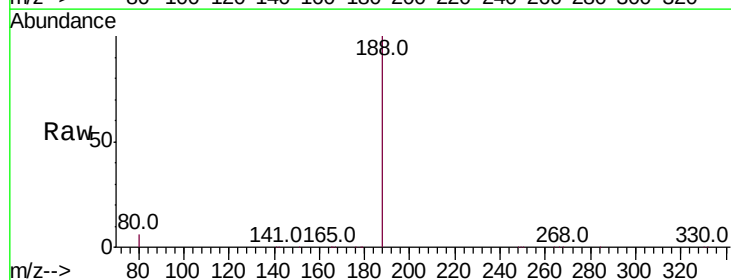
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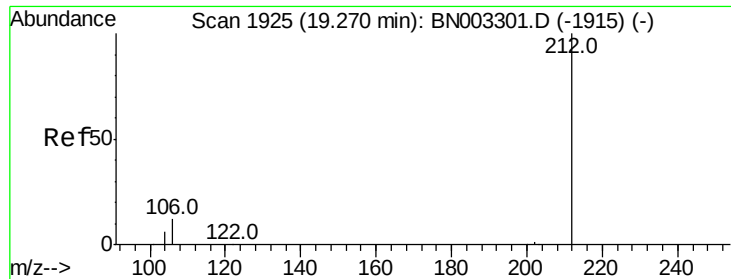
Tot Ion:172 Resp: 125928
Ion Ratio Lower Upper
172 100
171 33.7 27.1 40.7
170 21.7 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BN003352.D
Acq: 30 Oct 2018 03:09

Tgt Ion:188 Resp: 98151
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 8.6 12.8#





#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :

FT-PZ456I-20181025

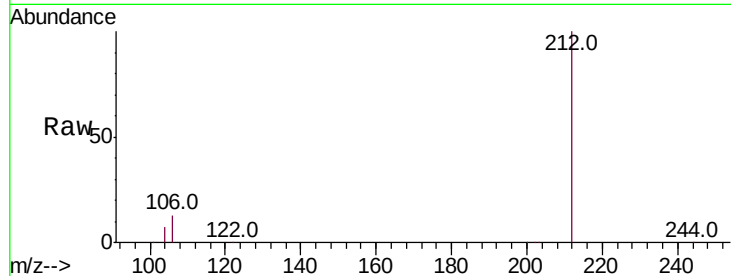
Tot Ion:212 Resp: 93824

Ion Ratio Lower Upper

212 100

106 12.9 10.3 15.5

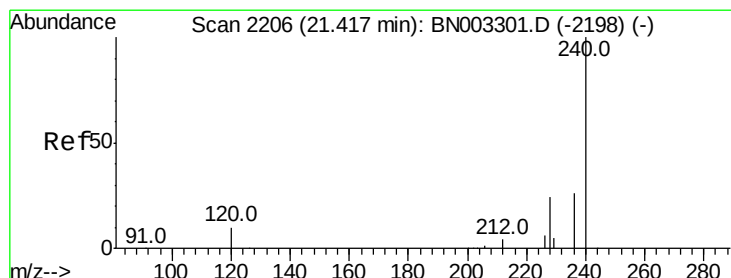
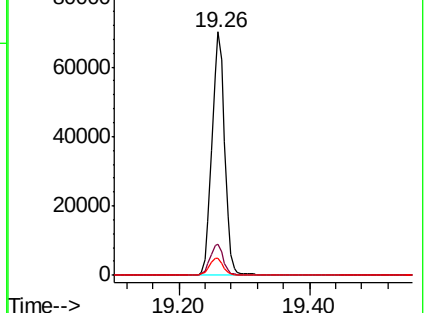
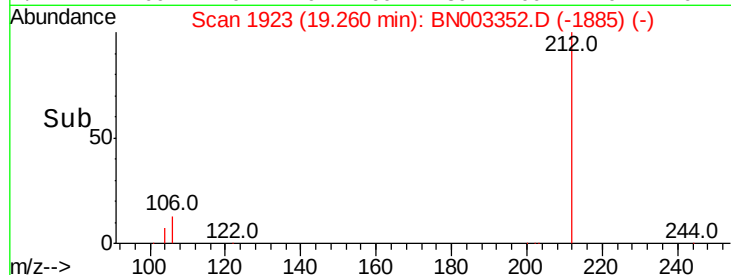
104 7.1 5.6 8.4



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: BN003352.D

Acq: 30 Oct 2018 03:09

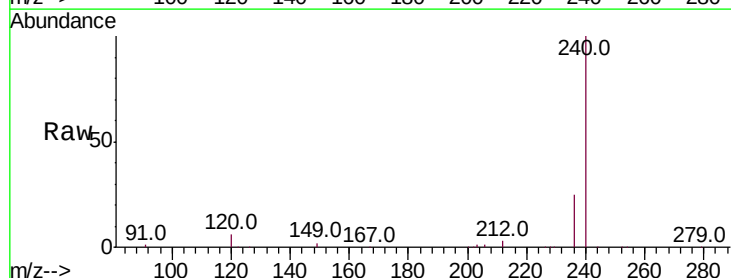
Tgt Ion:240 Resp: 106240

Ion Ratio Lower Upper

240 100

120 5.6 9.3 13.9#

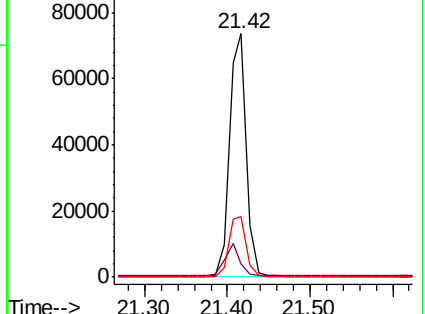
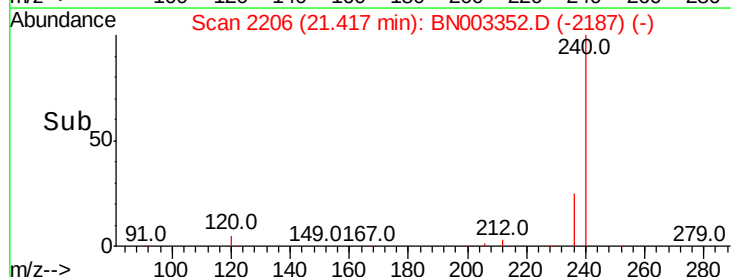
236 24.9 21.0 31.4

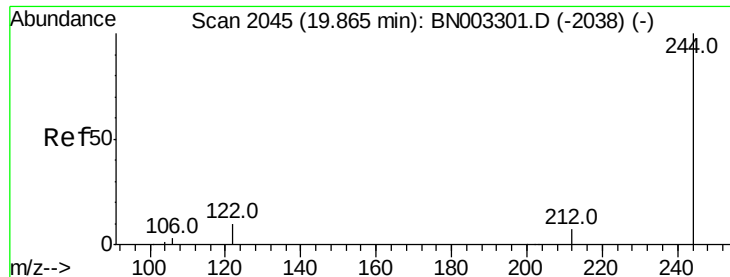


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :

FT-PZ456I-20181025

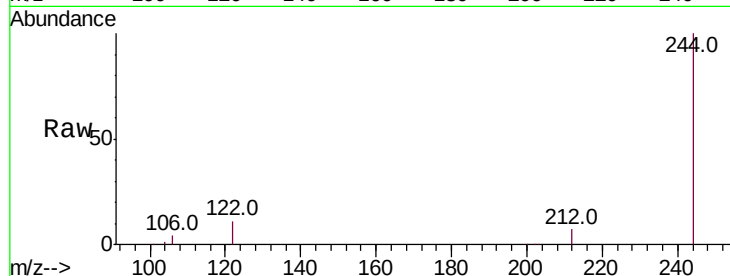
Tot Ion:244 Resp: 96499

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

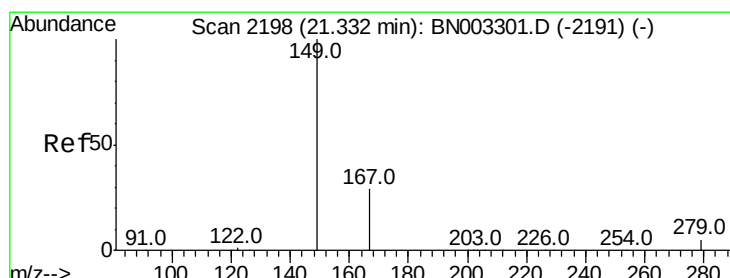
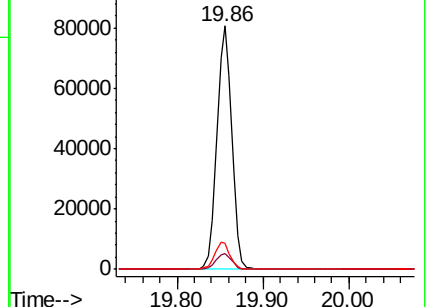
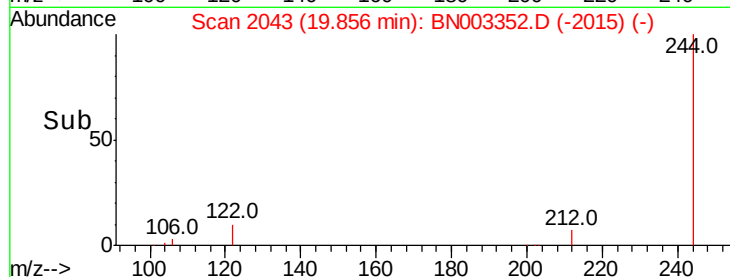
122 10.7 8.5 12.7



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: 0.051 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

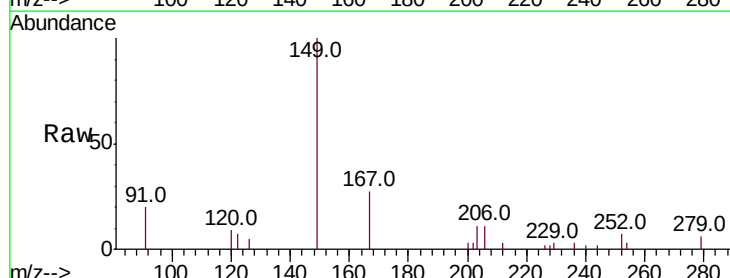
Tgt Ion:149 Resp: 4241

Ion Ratio Lower Upper

149 100

167 26.2 22.4 33.6

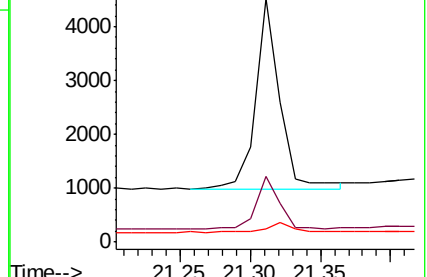
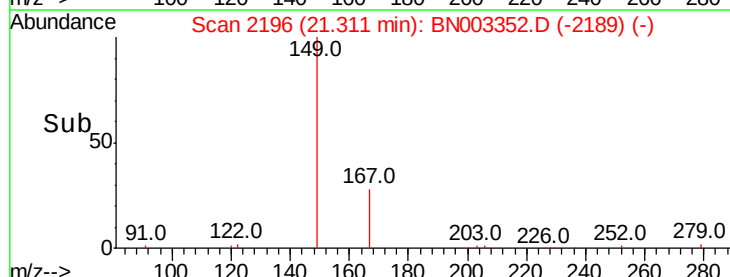
279 5.7 3.9 5.9

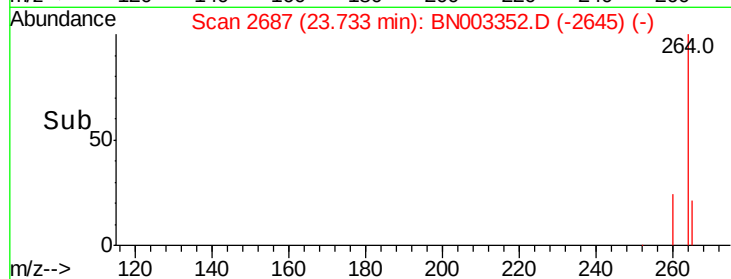
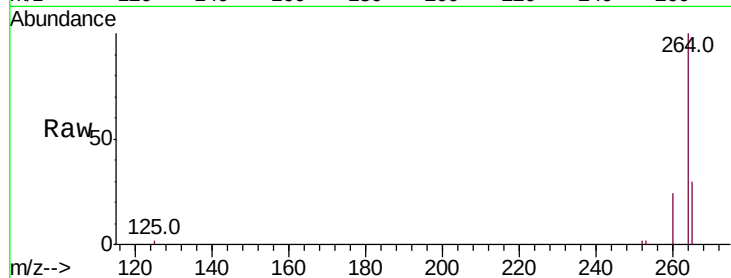
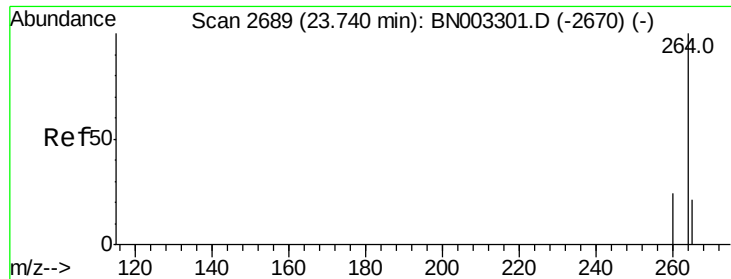


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2687

Delta R.T. -0.01 min

Lab File: BN003352.D

Acq: 30 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :

FT-PZ456I-20181025

Tot Ion: 264 Resp: 96819

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 30.0 26.4 39.6

