

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
 Data File : BN003191.D
 Acq On : 17 Oct 2018 21:48
 Operator : MJ/SJ
 Sample : J5364-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-181008

Quant Time: Oct 18 16:08:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 15:26:23 2018
 Response via : Initial Calibration

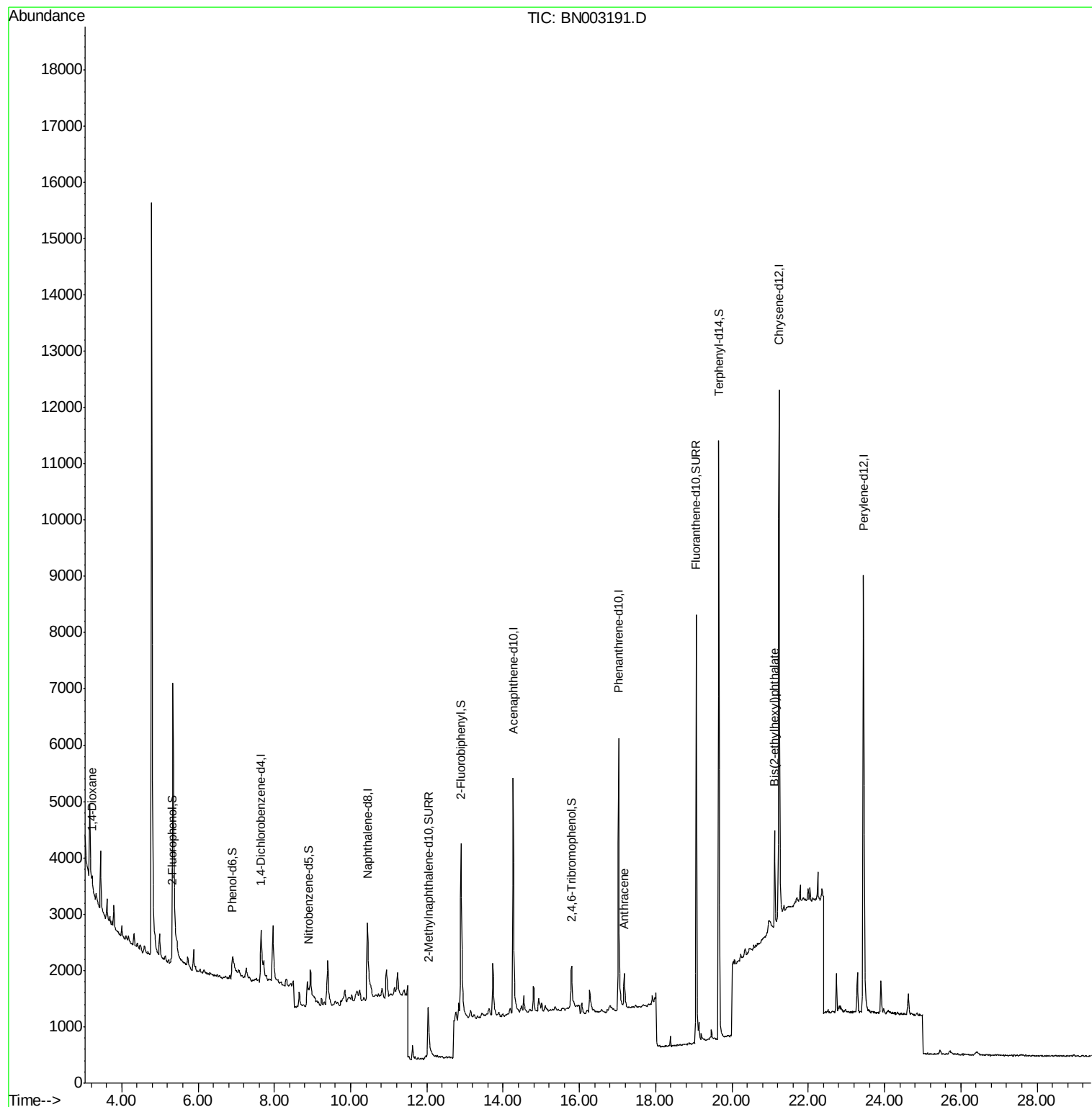
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	908	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	3966	0.40	ng	0.01
13) Acenaphthene-d10	14.27	164	3087	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	8527	0.40	ng	-0.02
27) Chrysene-d12	21.24	240	11017	0.40	ng	-0.01
34) Perylene-d12	23.45	264	11945	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	373	0.19	ng	0.02
5) Phenol-d6	6.90	99	338	0.12	ng	-0.04
8) Nitrobenzene-d5	8.91	82	954	0.37	ng	0.04
11) 2-Methylnaphthalene-d10	12.03	152	2630	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.79	330	861	0.44	ng	-0.03
15) 2-Fluorobiphenyl	12.89	172	4811	0.40	ng	-0.03
25) Fluoranthene-d10	19.07	212	10391	0.39	ng	0.00
29) Terphenyl-d14	19.66	244	12049	0.50	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.22	88	159	0.069	ng	# 52
24) Anthracene	17.17	178	917	0.045	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.12	149	1655	0.101	ng	# 97

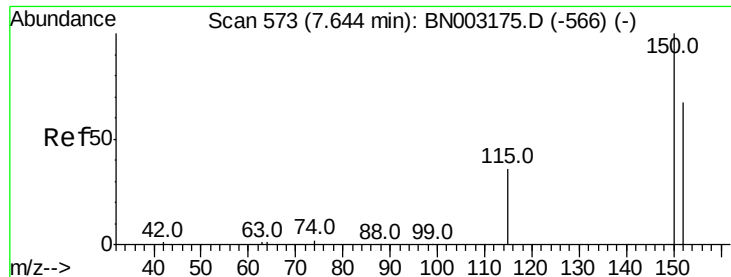
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.65 min Scan# 574

Delta R.T. 0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

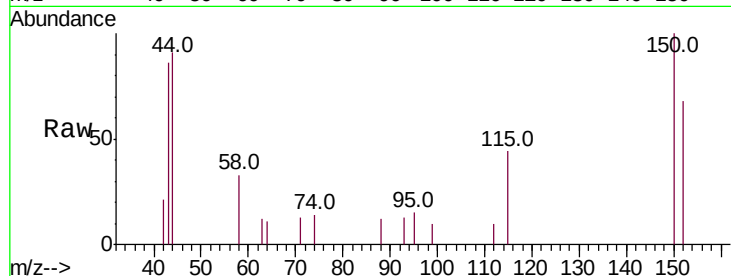
Tot Ion:152 Resp: 908

Ion Ratio Lower Upper

152 100

150 147.5 126.2 189.4

115 64.5 49.8 74.6

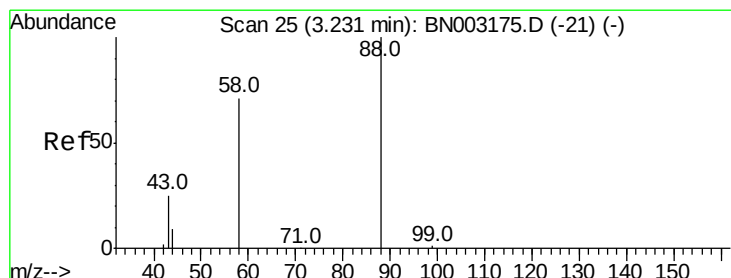
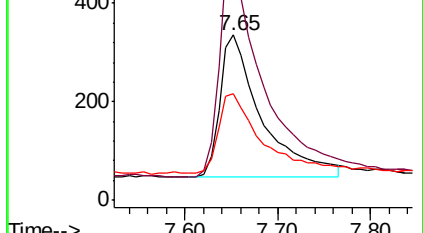
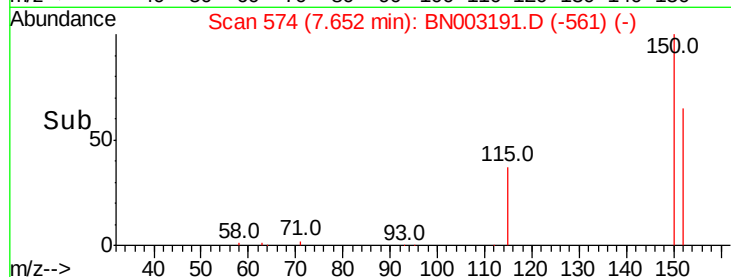


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane

Concen: 0.069 ng

RT: 3.22 min Scan# 24

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

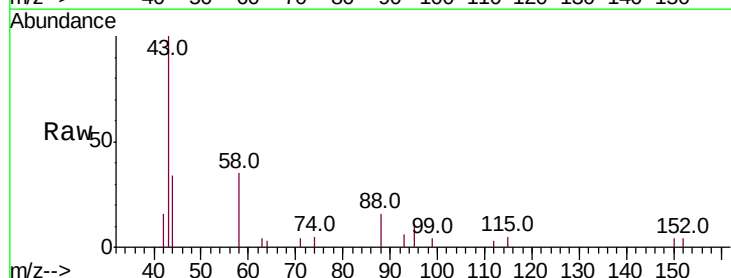
Tgt Ion: 88 Resp: 159

Ion Ratio Lower Upper

88 100

58 124.5 66.7 100.1#

43 0.0 24.6 37.0#

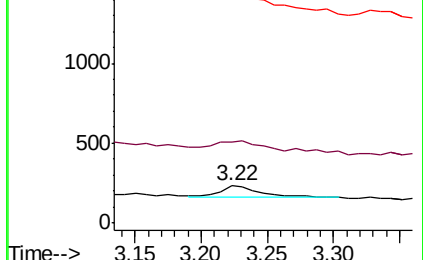
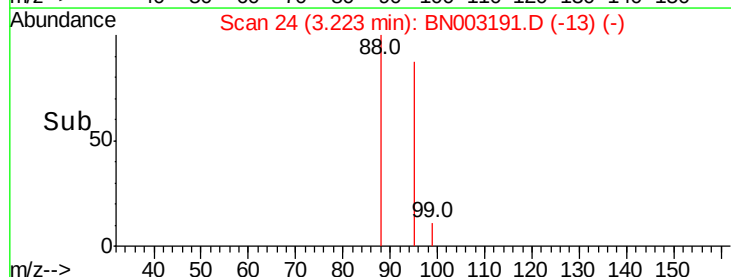


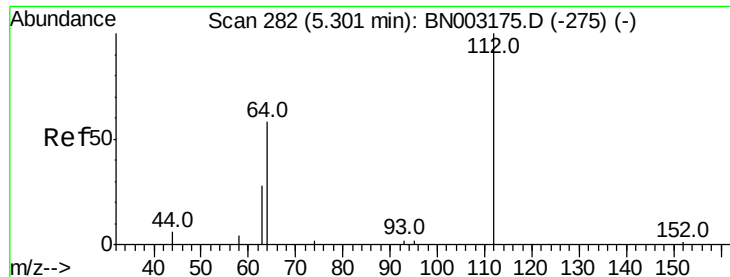
Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

Time-->





#4

2-Fluorophenol

Concen: 0.186 ng

RT: 5.32 min Scan# 284

Delta R.T. 0.02 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

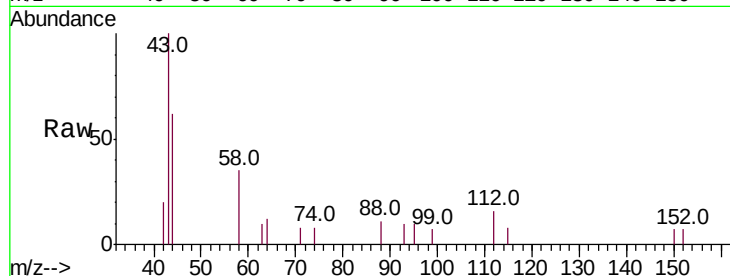
Tot Ion:112 Resp: 373

Ion Ratio Lower Upper

112 100

64 67.8 49.0 73.4

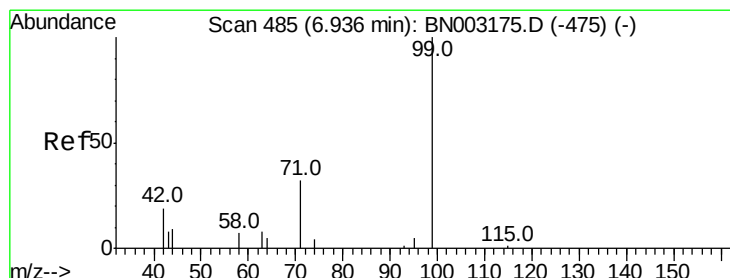
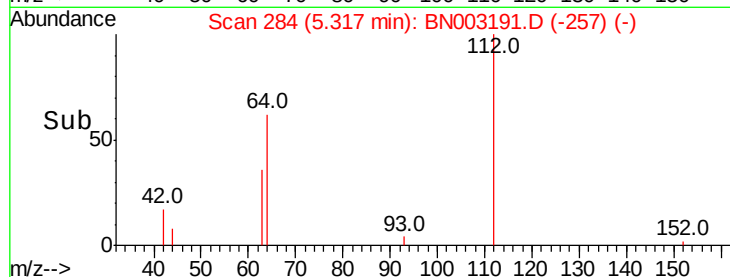
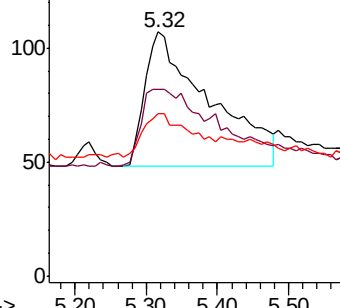
63 24.4 25.9 38.9#



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: 0.118 ng

RT: 6.90 min Scan# 480

Delta R.T. -0.04 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

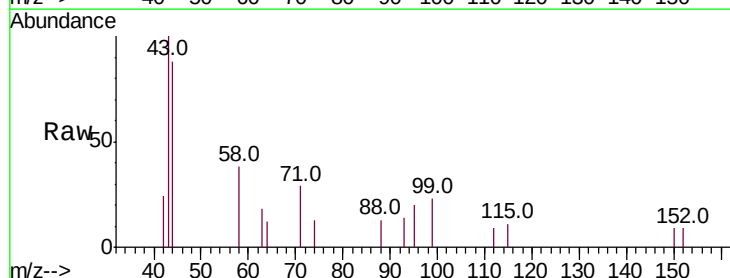
Tgt Ion: 99 Resp: 338

Ion Ratio Lower Upper

99 100

42 11.2 15.4 23.2#

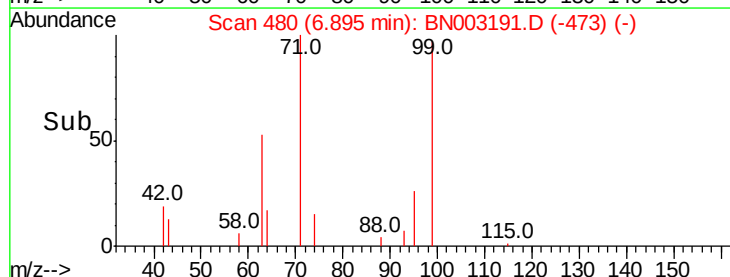
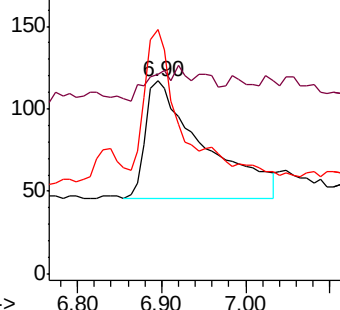
71 64.2 26.0 39.0#

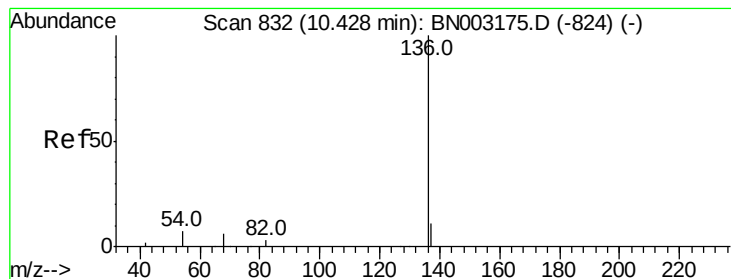


Abundance Ion 99.00 (98.70 to 99.70): BNC

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# 833

Delta R.T. 0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

Tot Ion:136 Resp: 3966

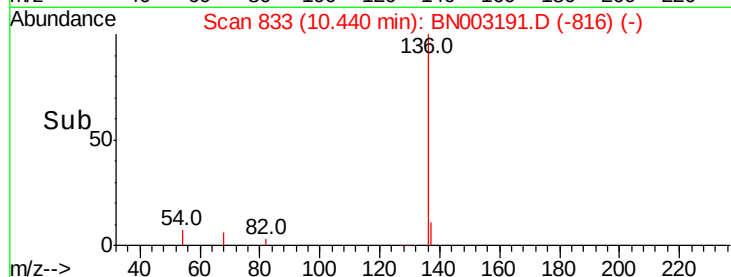
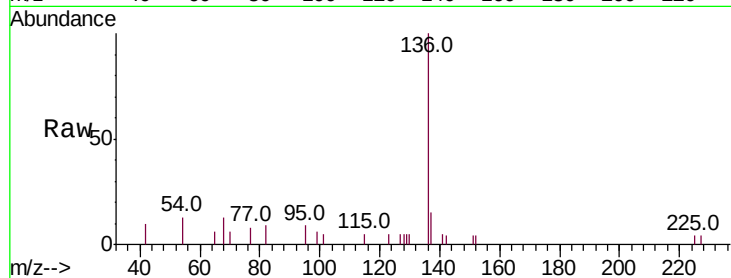
Ion Ratio Lower Upper

136 100

137 15.1 9.4 14.0#

54 13.1 7.4 11.0#

68 12.8 5.8 8.6#

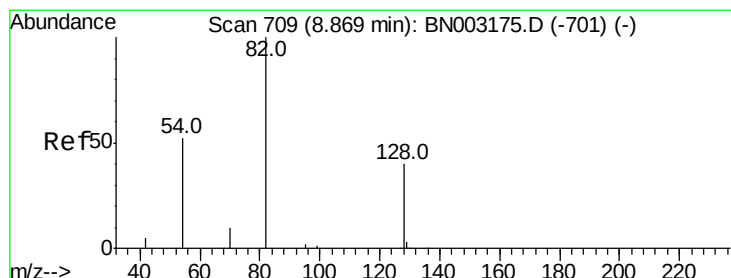
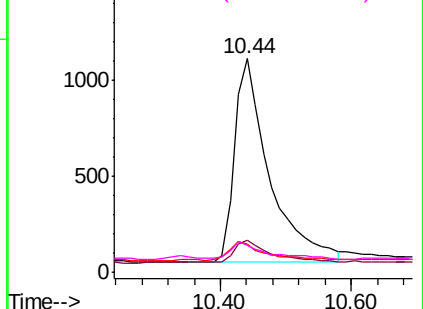


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 8.91 min Scan# 712

Delta R.T. 0.04 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

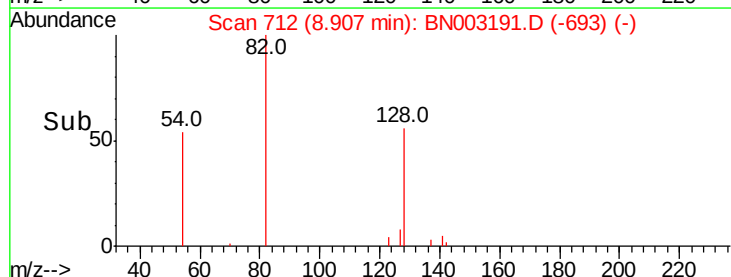
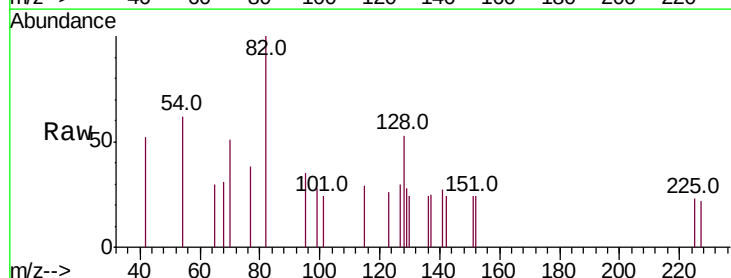
Tgt Ion: 82 Resp: 954

Ion Ratio Lower Upper

82 100

128 53.2 38.2 57.4

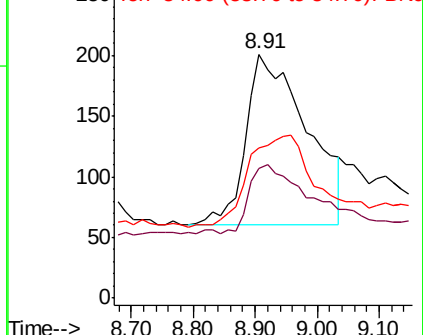
54 61.7 44.1 66.1

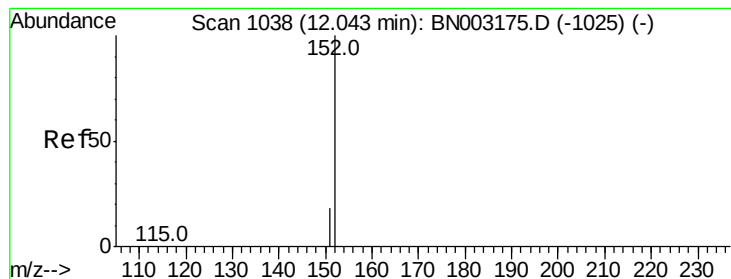


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.03 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

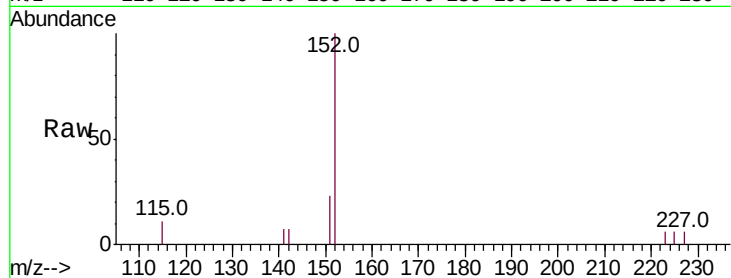
KY038PS027-181008

Tot Ion:152 Resp: 2630

Ion Ratio Lower Upper

152 100

151 18.5 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.03

800

600

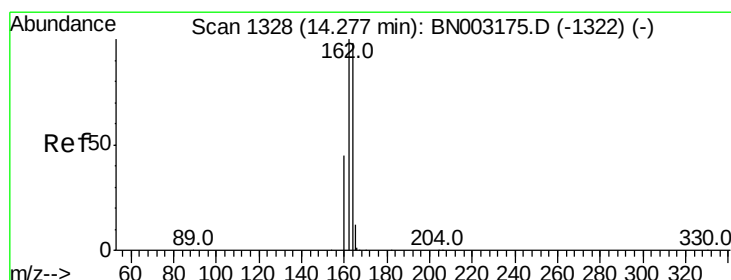
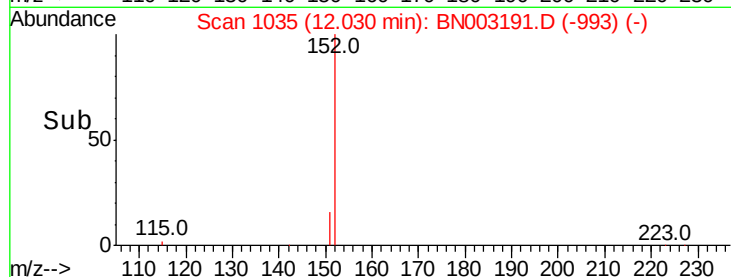
400

200

0

11.90 12.00 12.10 12.20

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

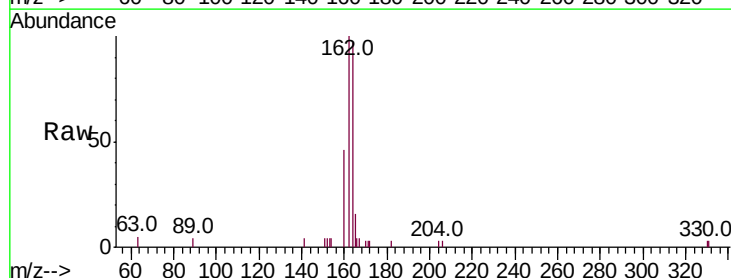
Tgt Ion:164 Resp: 3087

Ion Ratio Lower Upper

164 100

162 102.8 81.7 122.5

160 46.8 36.3 54.5



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

14.27

2000

1500

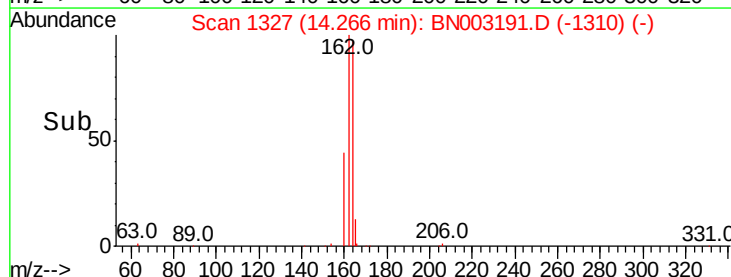
1000

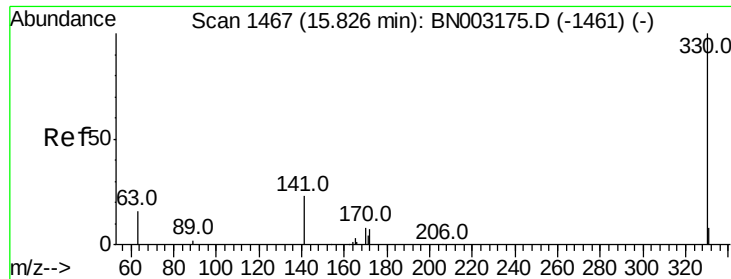
500

0

14.20 14.40

Time-->

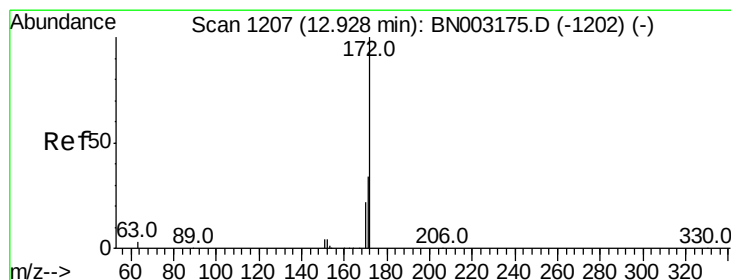
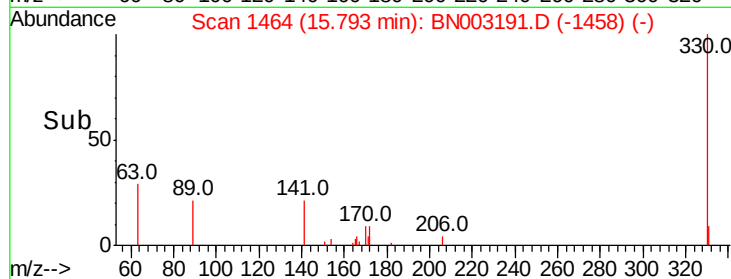
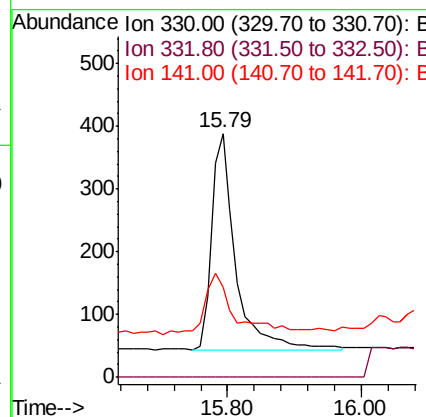
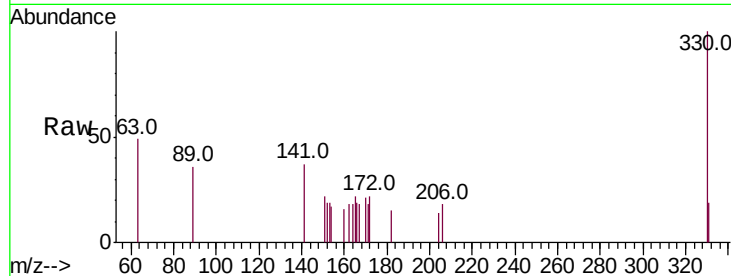




#14
 2,4,6-Tribromophenol
 Concen: 0.438 ng
 RT: 15.79 min Scan# 1464
 Delta R.T. -0.03 min
 Lab File: BN003191.D
 Acq: 17 Oct 2018 21:48

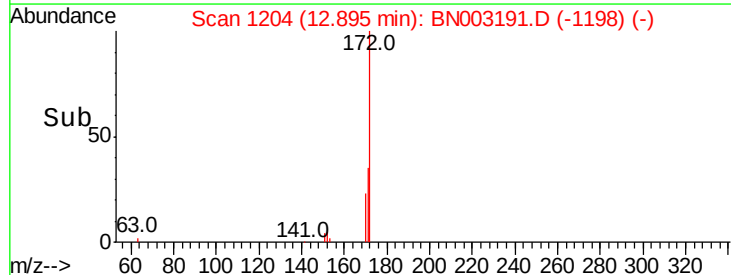
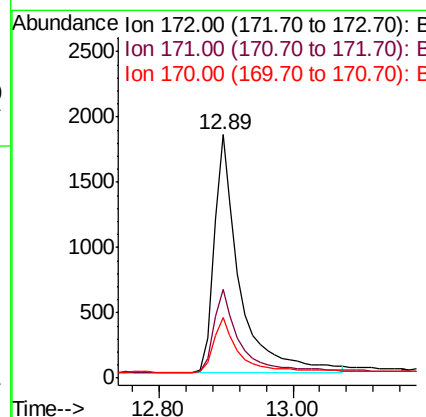
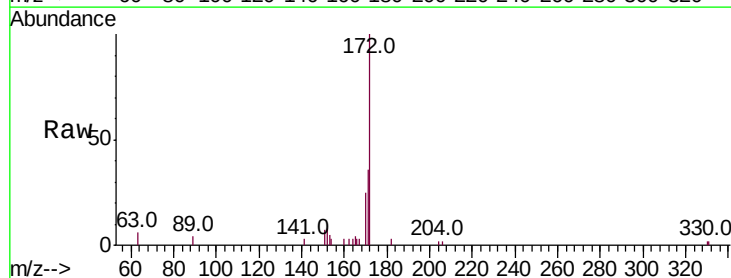
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-181008

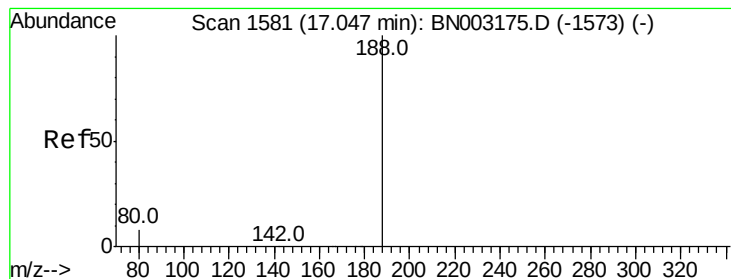
Tot Ion:330 Resp: 861
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 28.2 22.6 33.8



#15
 2-Fluorobiphenyl
 Concen: 0.396 ng
 RT: 12.89 min Scan# 1204
 Delta R.T. -0.03 min
 Lab File: BN003191.D
 Acq: 17 Oct 2018 21:48

Tgt Ion:172 Resp: 4811
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.7 18.6 27.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

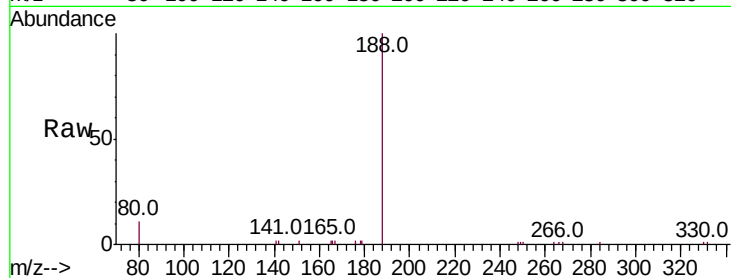
Tot Ion:188 Resp: 8527

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

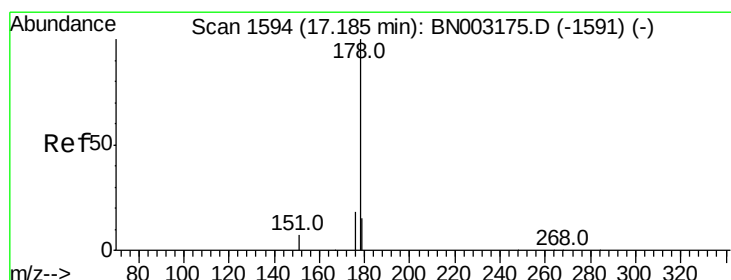
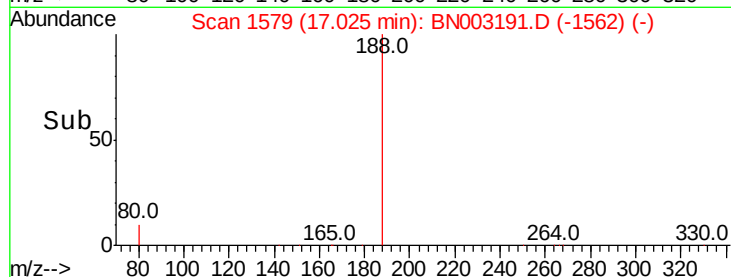
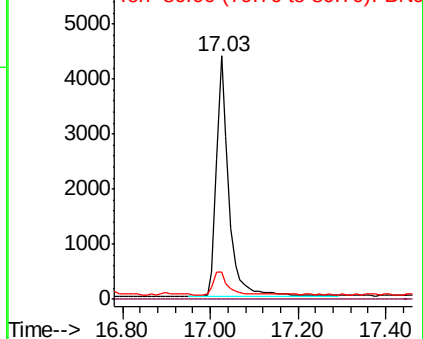
80 11.4 6.7 10.1#



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



#24

Anthracene

Concen: 0.045 ng

RT: 17.17 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

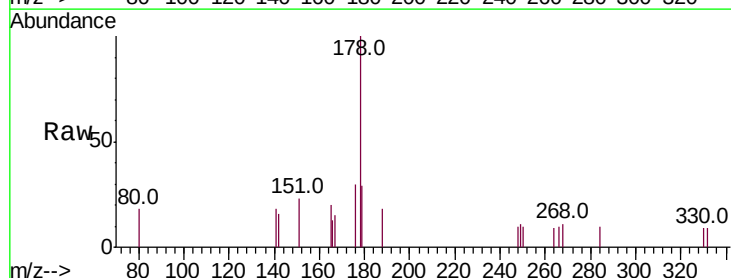
Tgt Ion:178 Resp: 917

Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

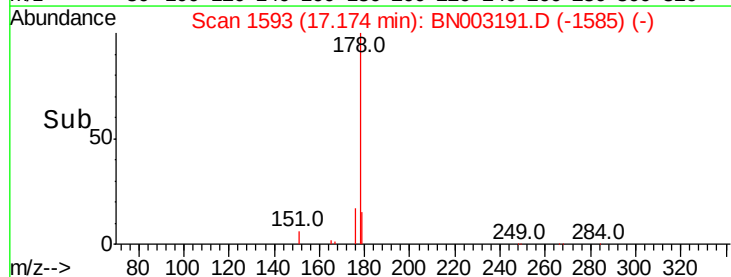
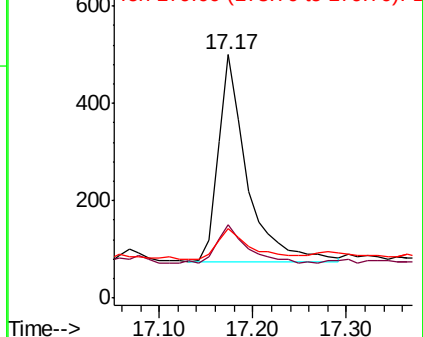
179 17.2 12.3 18.5

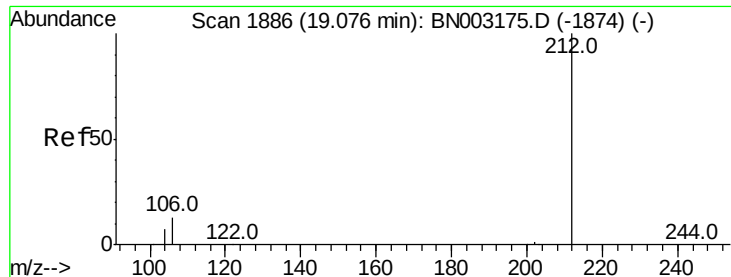


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.393 ng

RT: 19.07 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

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KY038PS027-181008

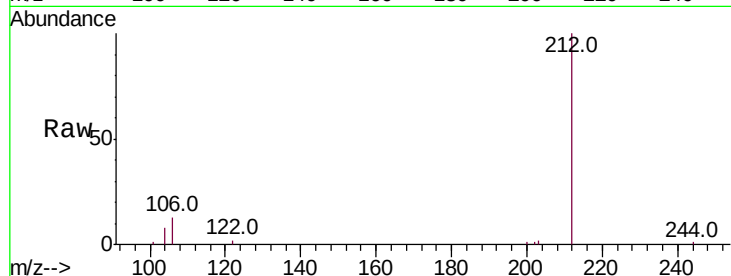
Tot Ion:212 Resp: 10391

Ion Ratio Lower Upper

212 100

106 13.3 10.2 15.4

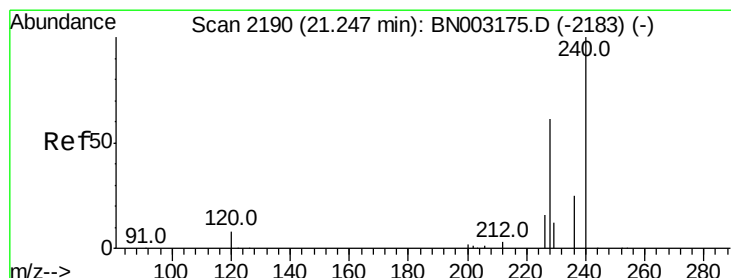
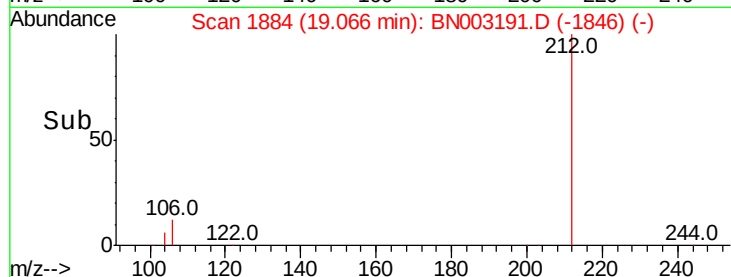
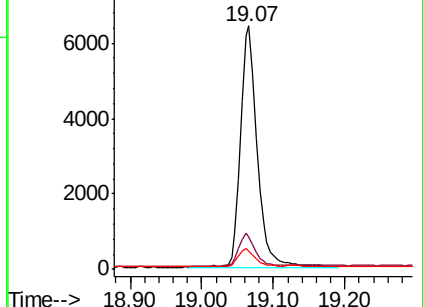
104 7.2 5.8 8.6



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# 2189

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

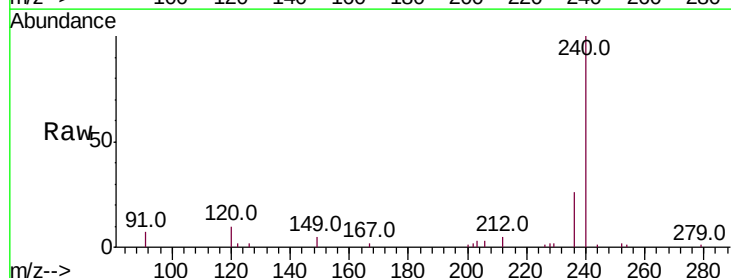
Tgt Ion:240 Resp: 11017

Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.8

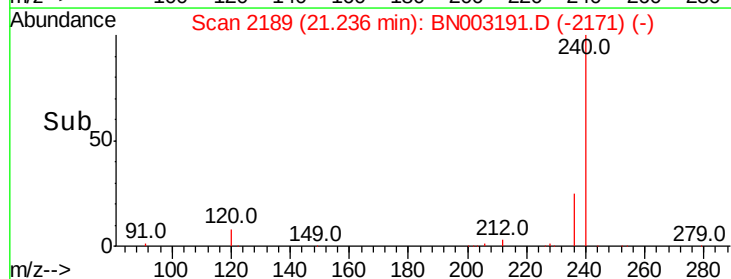
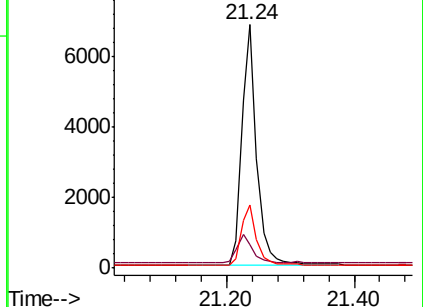
236 26.0 21.0 31.4

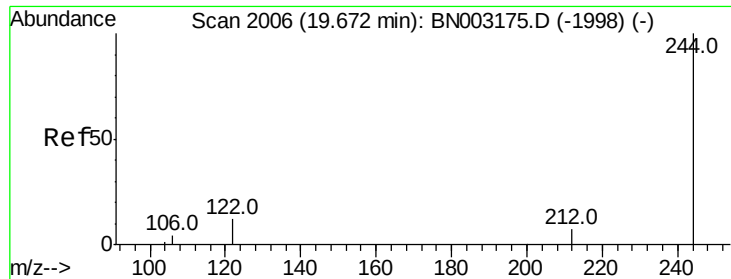


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.505 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

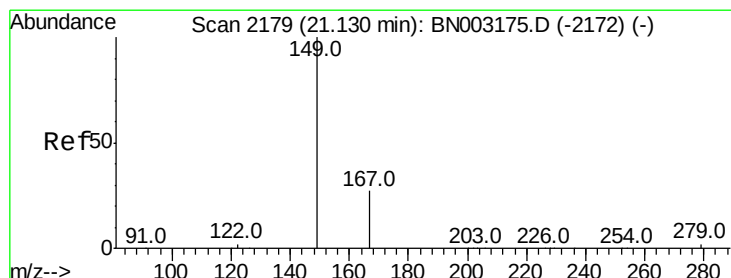
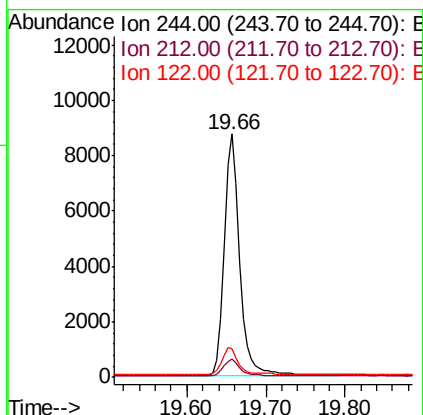
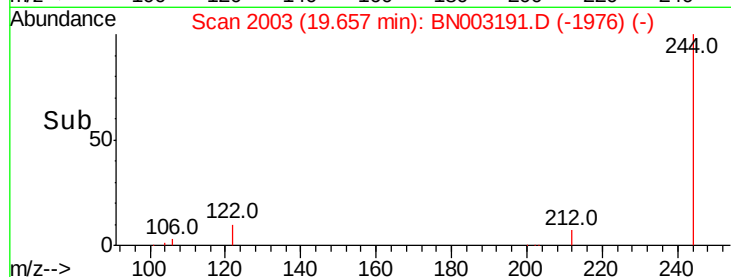
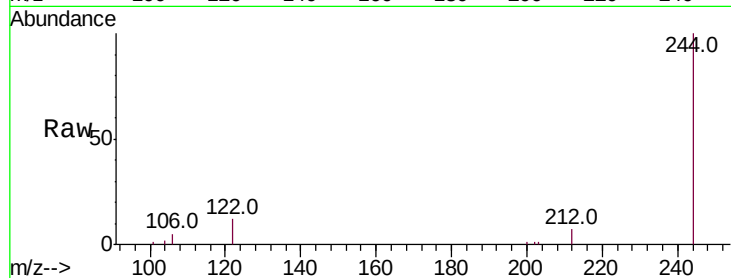
Tot Ion:244 Resp: 12049

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 11.6 9.1 13.7



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.101 ng

RT: 21.12 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

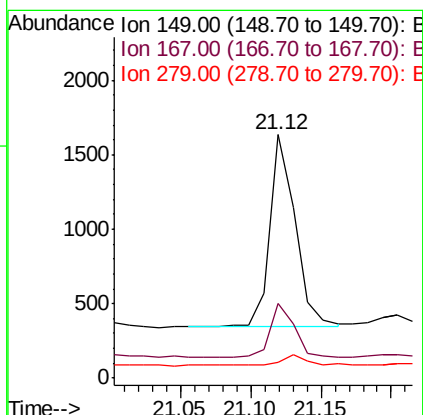
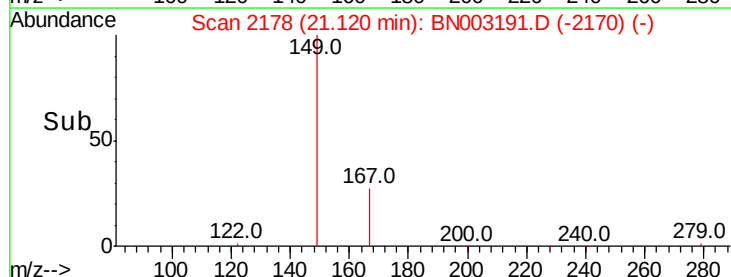
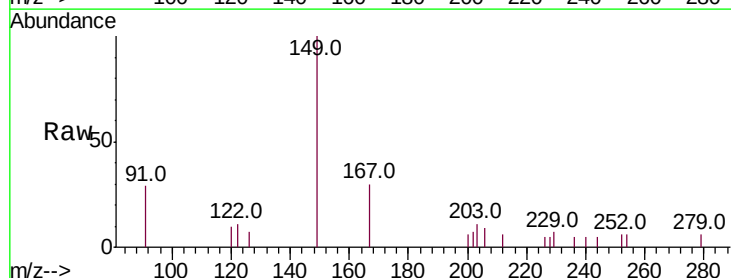
Tgt Ion:149 Resp: 1655

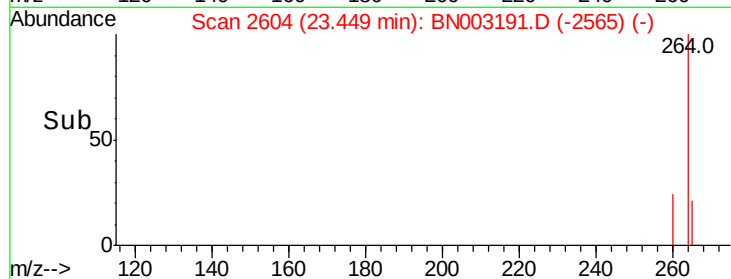
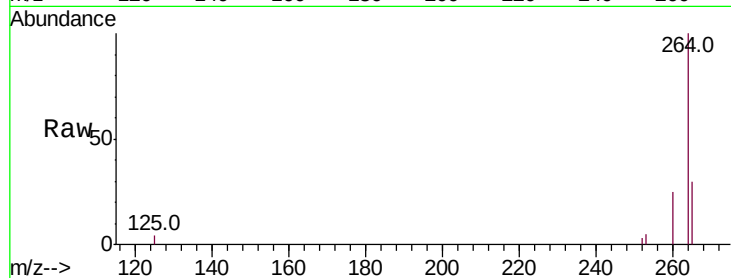
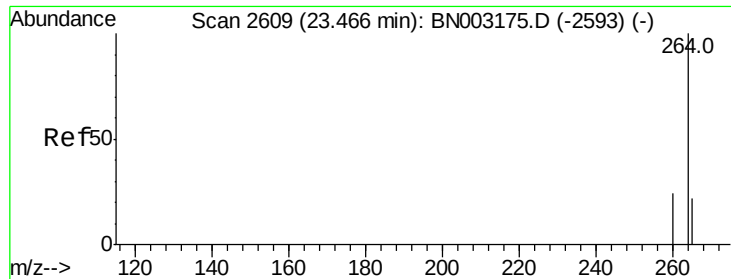
Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.4

279 7.6 3.7 5.5#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.45 min Scan# 2604
 Delta R.T. -0.02 min
 Lab File: BN003191.D
 Acq: 17 Oct 2018 21:48

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-181008

Tot Ion: 264 Resp: 11945
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 29.6 27.6 41.4

