

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
 Data File : BN003195.D
 Acq On : 18 Oct 2018 00:08
 Operator : MJ/SJ
 Sample : PB113685BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB113685BL

Quant Time: Oct 18 15:41:04 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	7.71	152	452	0.40	ng	0.06
7) Naphthalene-d8	10.57	136	2194	0.40	ng	0.14
13) Acenaphthene-d10	14.34	164	2117	0.40	ng	0.07
19) Phenanthrene-d10	17.12	188	6197	0.40	ng	0.07
27) Chrysene-d12	21.27	240	9170	0.40	ng	0.02
34) Perylene-d12	23.49	264	9731	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	486	0.49	ng	0.04
5) Phenol-d6	6.98	99	4	0.00	ng	0.05
8) Nitrobenzene-d5	9.01	82	2	0.00	ng	0.14
11) 2-Methylnaphthalene-d10	12.21	152	1264	0.34	ng	0.17
14) 2,4,6-Tribromophenol	15.92	330	407	0.30	ng	0.09
15) 2-Fluorobiphenyl	13.05	172	1792	0.22	ng	0.12
25) Fluoranthene-d10	19.12	212	6353	0.33	ng	0.04
29) Terphenyl-d14	19.69	244	6519	0.33	ng	0.02

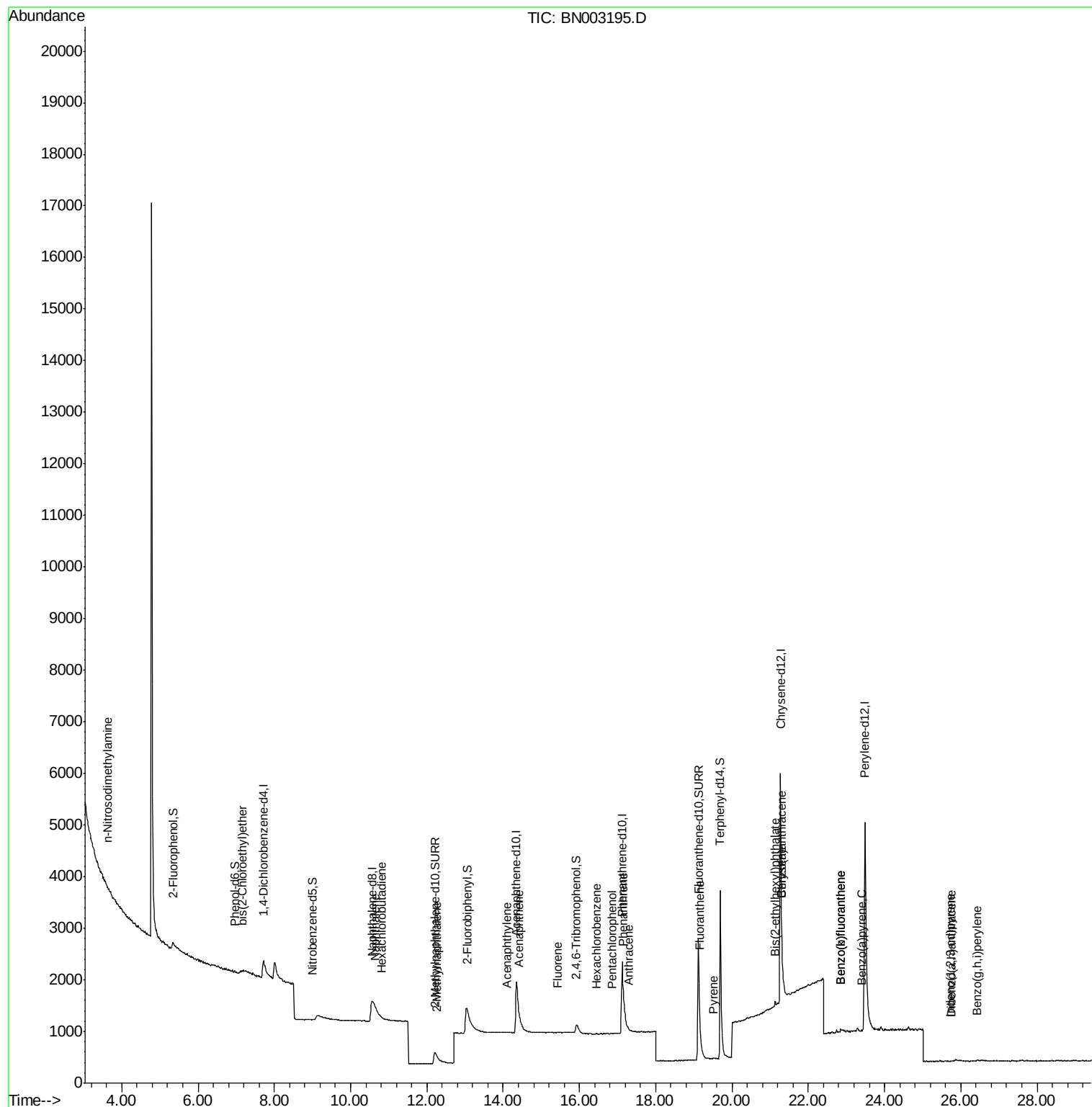
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	4	Below Cal	#	17
3) n-Nitrosodimethylamine	3.63	42	29	0.229 ng	#	1
6) bis(2-Chloroethyl)ether	7.17	93	6	0.005 ng	#	25
9) Naphthalene	10.63	128	3	0.001 ng	#	1
10) Hexachlorobutadiene	10.82	225	1	0.001 ng	#	1
12) 2-Methylnaphthalene	12.27	142	1	0.000 ng	#	55
16) Acenaphthylene	14.10	152	3	0.000 ng	#	1
17) Acenaphthene	14.41	154	6	0.001 ng	#	35
18) Fluorene	15.44	166	2	0.000 ng	#	2
21) Hexachlorobenzene	16.44	284	4	0.001 ng	#	14
22) Pentachlorophenol	16.86	266	7	0.091 ng	#	67
23) Phenanthrene	17.15	178	4	0.000 ng	#	61
24) Anthracene	17.30	178	8	0.001 ng	#	10
26) Fluoranthene	19.15	202	34	0.002 ng	#	77
28) Pyrene	19.51	202	18	0.001 ng	#	89
30) Benzo(a)anthracene	21.31	228	184	0.007 ng	#	5
31) Chrysene	21.31	228	180	0.006 ng	#	9
32) Bis(2-ethylhexyl)phthalate	21.13	149	198	0.024 ng	#	79
33) Indeno(1,2,3-cd)pyrene	25.72	276	1	0.000 ng	#	1
35) Benzo(b)fluoranthene	22.85	252	89	0.003 ng	#	1
36) Benzo(k)fluoranthene	22.85	252	89	0.003 ng	#	1
37) Benzo(a)pyrene	23.41	252	8	0.000 ng	#	1
38) Dibenzo(a,h)anthracene	25.74	278	3	0.000 ng	#	1
39) Benzo(g,h,i)perylene	26.42	276	3	0.000 ng	#	1

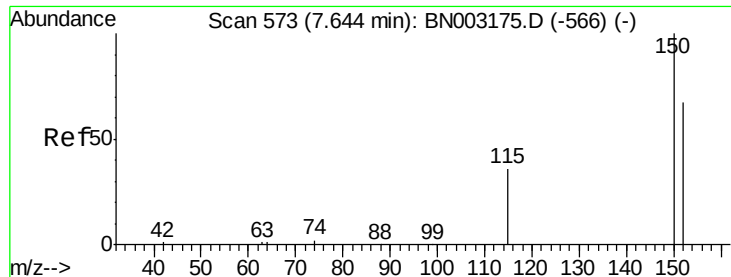
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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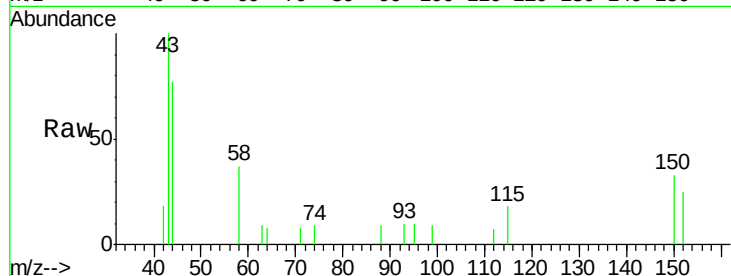


#1

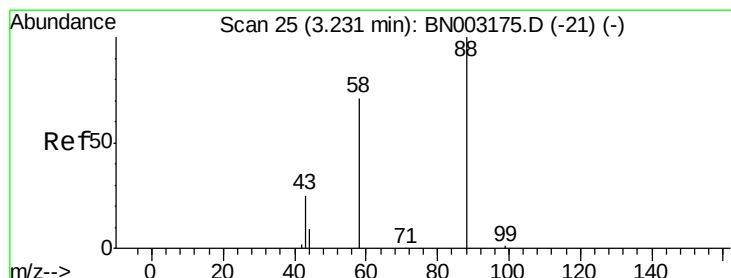
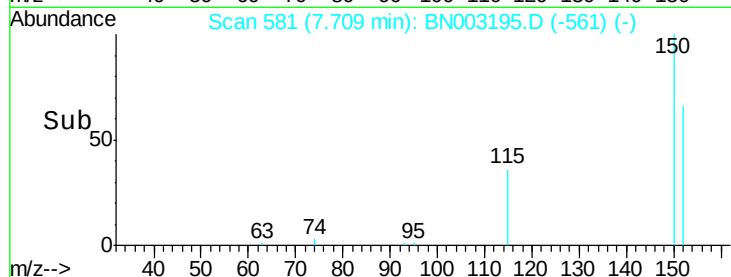
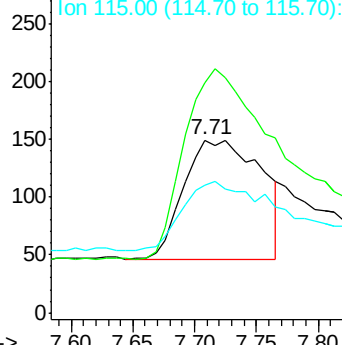
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 581
Delta R.T. 0.06 min
Lab File: BN003195.D
Acq: 18 Oct 2018 00:08

Instrument :
BNA_N
ClientSampleId :
PB113685BL

Tgt Ion: 152 Resp: 452
Ion Ratio Lower Upper
152 100
150 133.6 126.2 189.4
115 73.8 49.8 74.6



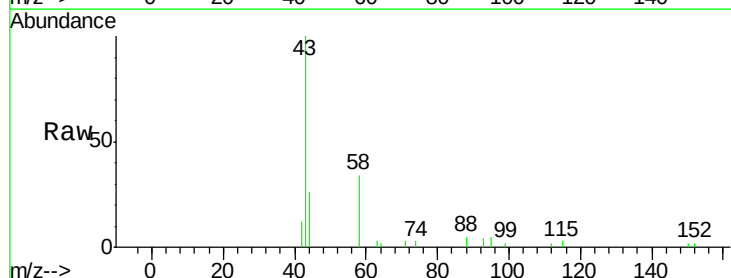
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



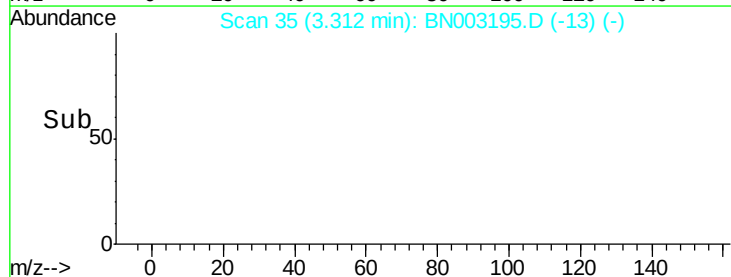
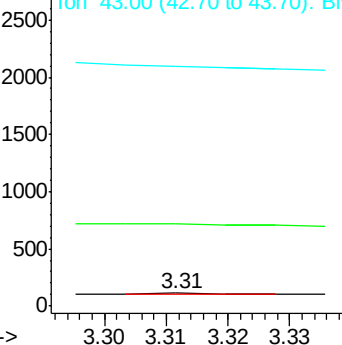
#2

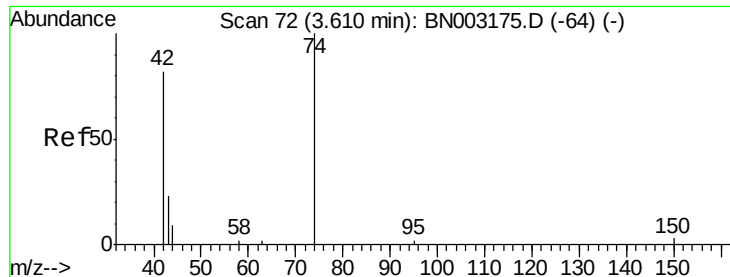
1,4-Dioxane
Concen: Below Cal
RT: 3.31 min Scan# 35
Delta R.T. 0.08 min
Lab File: BN003195.D
Acq: 18 Oct 2018 00:08

Tgt Ion: 88 Resp: 4
Ion Ratio Lower Upper
88 100
58 0.0 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





#3

n-Nitrosodimethylamine

Concen: 0.229 ng

RT: 3.63 min Scan# 74

Delta R.T. 0.02 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

PB113685BL

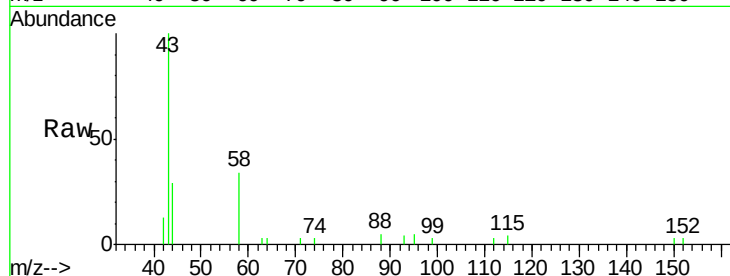
Tgt Ion: 42 Resp: 29

Ion Ratio Lower Upper

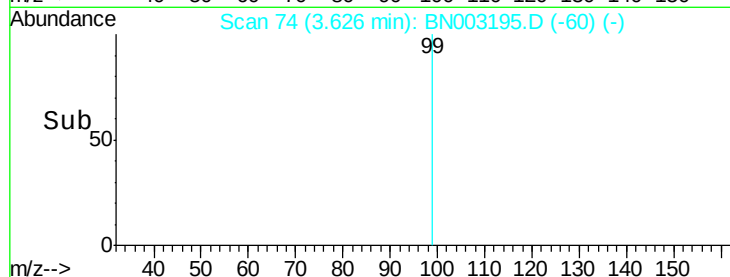
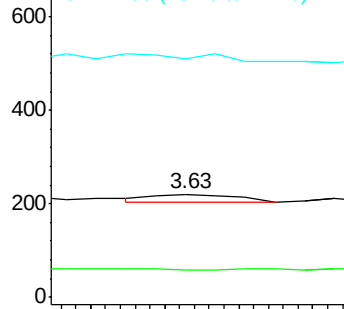
42 100

74 10.3 102.9 154.3#

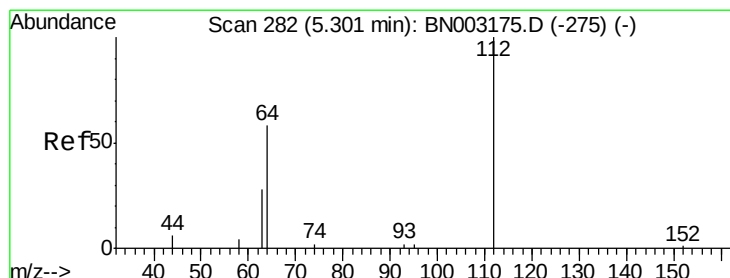
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



Time-->



#4

2-Fluorophenol

Concen: 0.487 ng

RT: 5.34 min Scan# 287

Delta R.T. 0.04 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

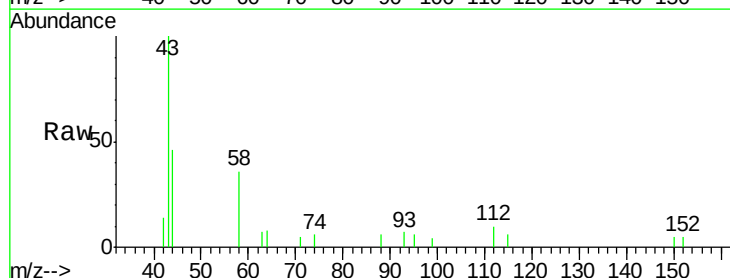
Tgt Ion: 112 Resp: 486

Ion Ratio Lower Upper

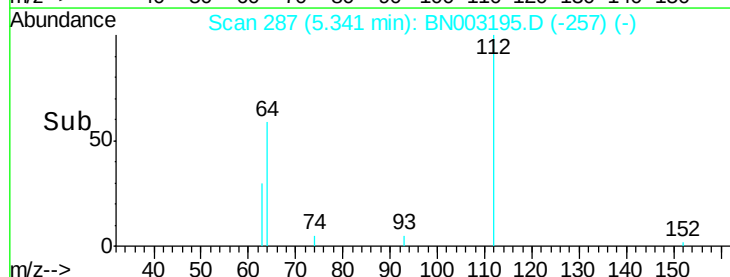
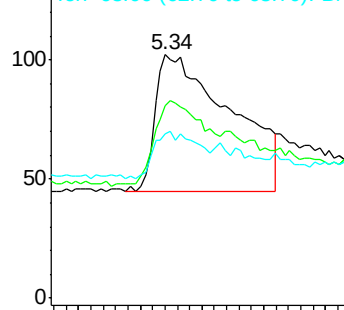
112 100

64 40.5 49.0 73.4#

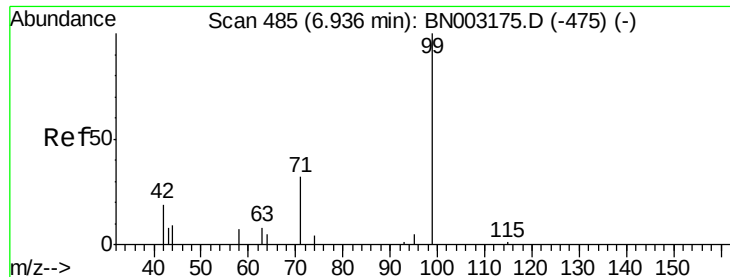
63 20.6 25.9 38.9#



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



Time-->



#5

Phenol-d6

Concen: 0.003 ng

RT: 6.98 min Scan# 491

Delta R.T. 0.05 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

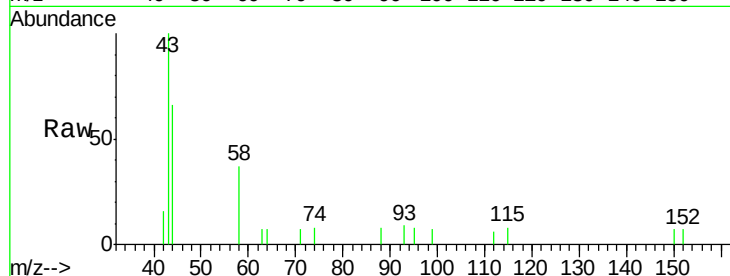
Instrument :

BNA_N

ClientSampleId :

PB113685BL

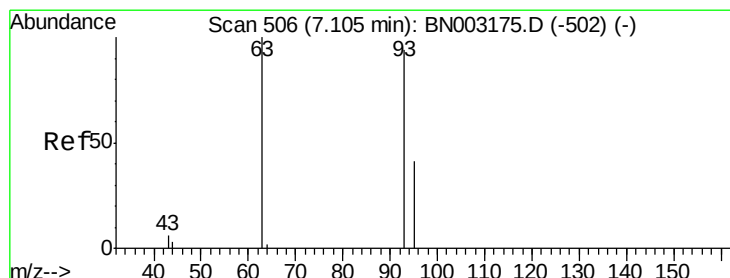
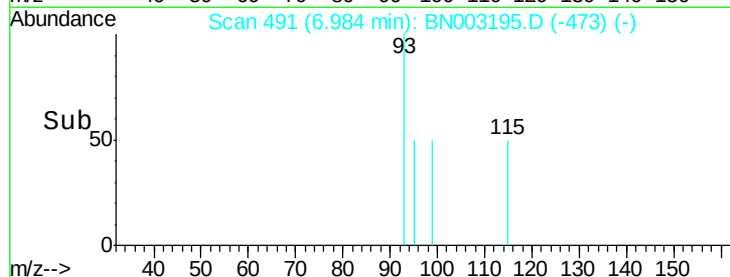
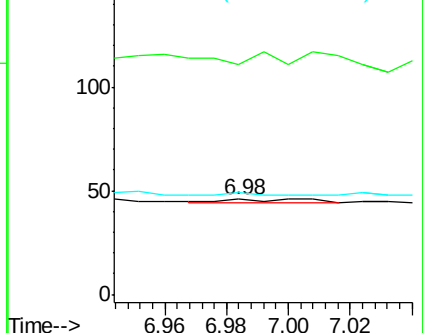
Tgt Ion:	99	Resp:	4
Ion	Ratio	Lower	Upper
99	100		
42	75.0	15.4	23.2#
71	0.0	26.0	39.0#



Abundance Ion 99.00 (98.70 to 99.70): BN003195.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN003195.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN003195.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

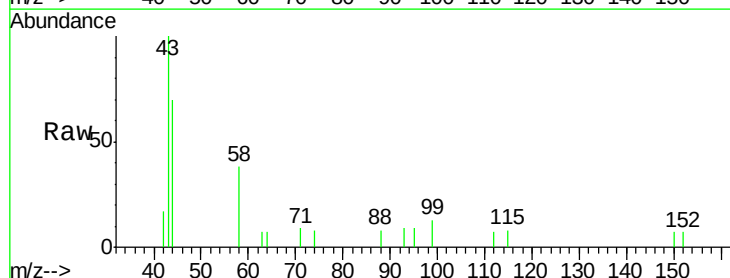
RT: 7.17 min Scan# 514

Delta R.T. 0.07 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

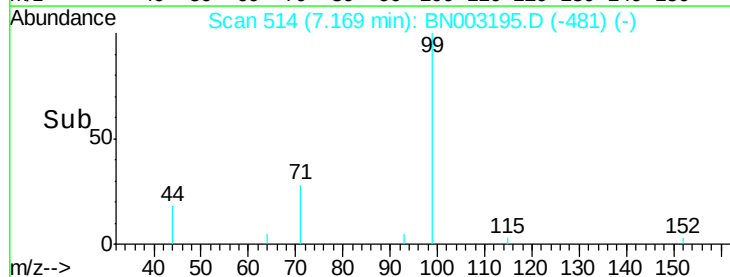
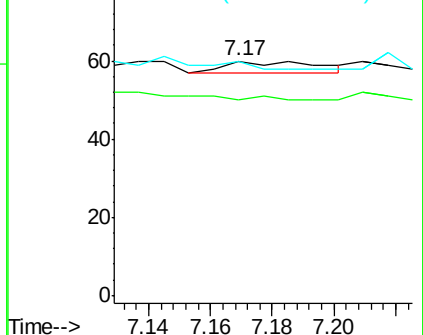
Tgt Ion:	93	Resp:	6
Ion	Ratio	Lower	Upper
93	100		
63	0.0	54.2	81.4#
95	0.0	24.9	37.3#

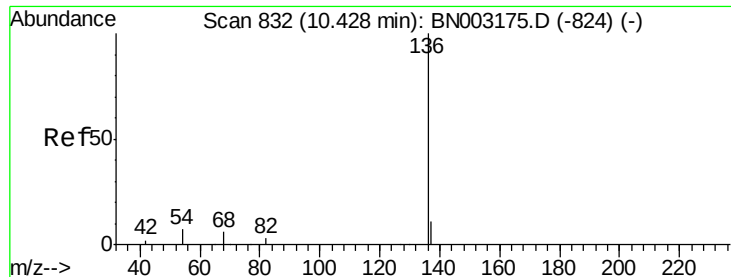


Abundance Ion 93.00 (92.70 to 93.70): BN003195.D (-502) (-)

Ion 63.00 (62.70 to 63.70): BN003195.D (-502) (-)

Ion 95.00 (94.70 to 95.70): BN003195.D (-502) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.57 min Scan# 843

Delta R.T. 0.14 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

PB113685BL

Tgt Ion: 136 Resp: 2194

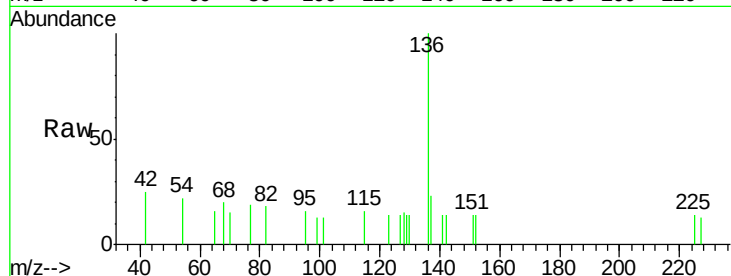
Ion Ratio Lower Upper

136 100

137 23.1 9.4 14.0#

54 21.9 7.4 11.0#

68 19.8 5.8 8.6#

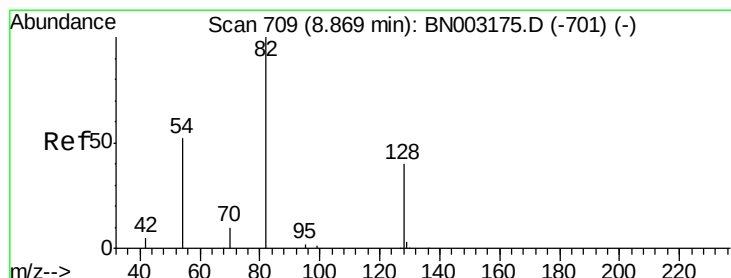
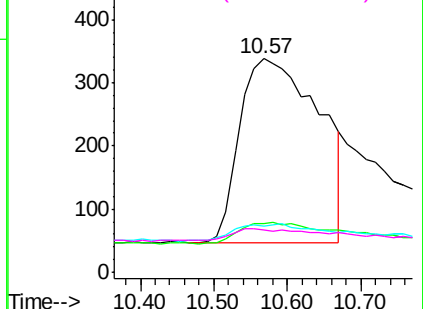
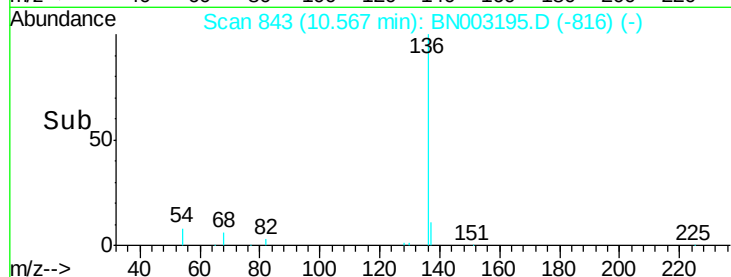


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.001 ng

RT: 9.01 min Scan# 720

Delta R.T. 0.14 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

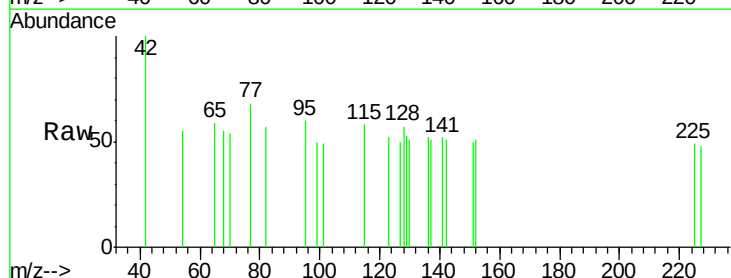
Tgt Ion: 82 Resp: 2

Ion Ratio Lower Upper

82 100

128 100.0 38.2 57.4#

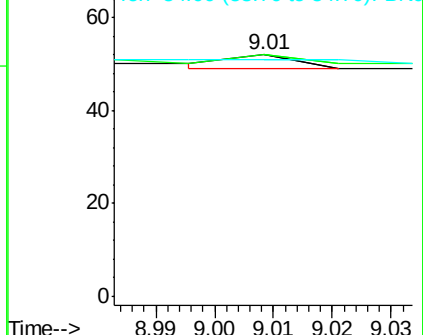
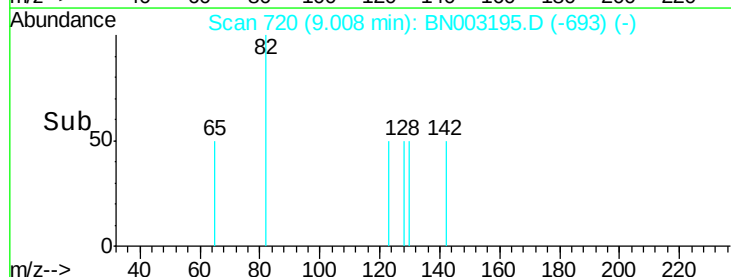
54 98.1 44.1 66.1#

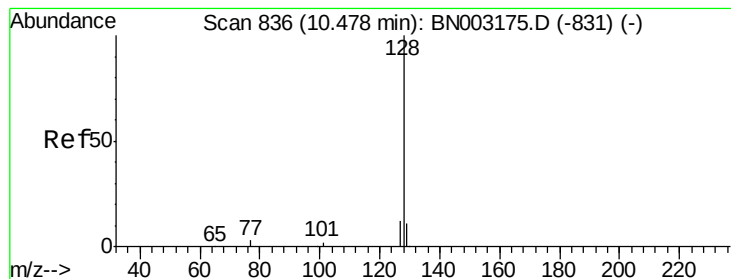


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.001 ng

RT: 10.63 min Scan# 848

Delta R.T. 0.15 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

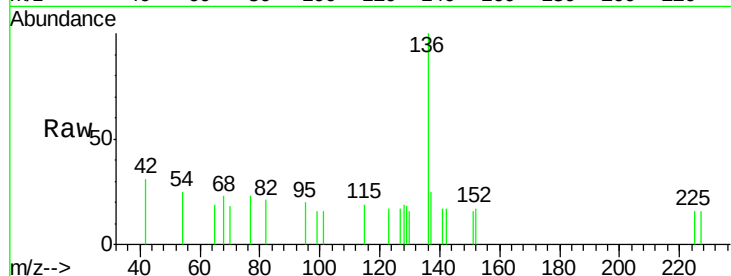
Instrument :

BNA_N

ClientSampleId :

PB113685BL

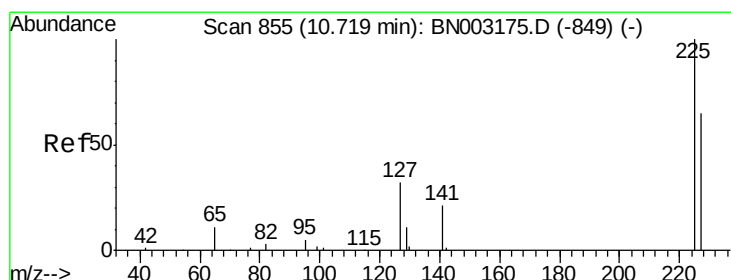
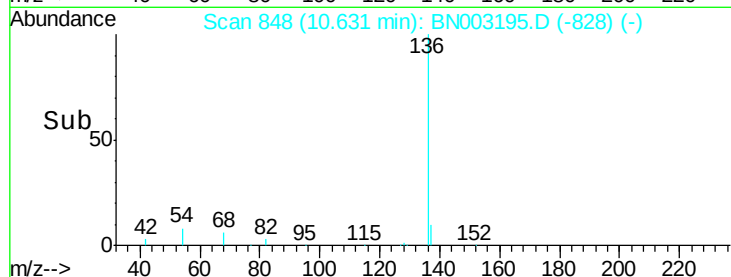
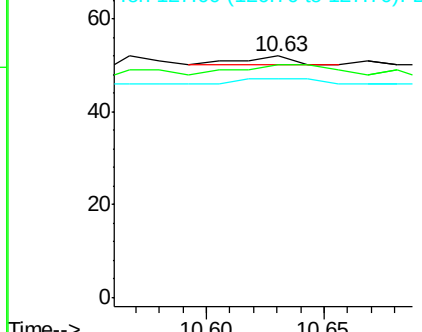
Tgt Ion:	128	Resp:	3
Ion	Ratio	Lower	Upper
128	100		
129	96.2	9.8	14.6#
127	90.4	11.4	17.2#



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



#10

Hexachlorobutadiene

Concen: 0.001 ng

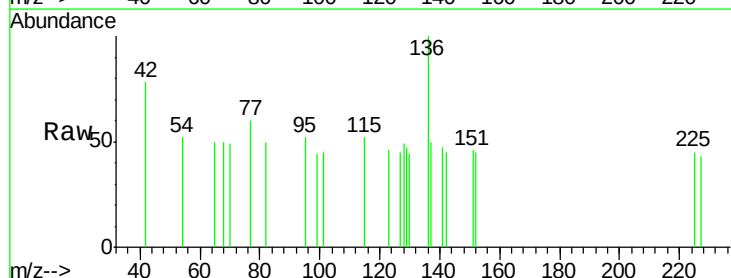
RT: 10.82 min Scan# 863

Delta R.T. 0.10 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

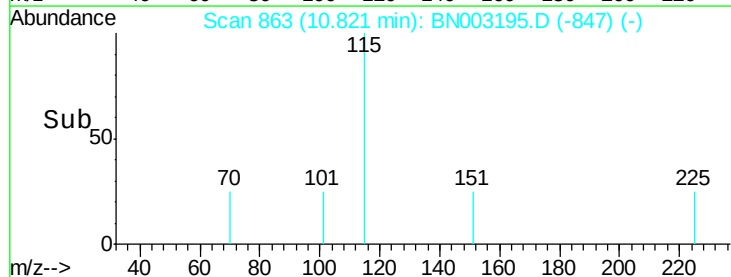
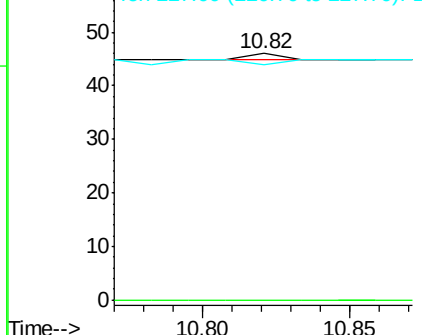
Tgt Ion:	225	Resp:	1
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	300.0	51.8	77.8#

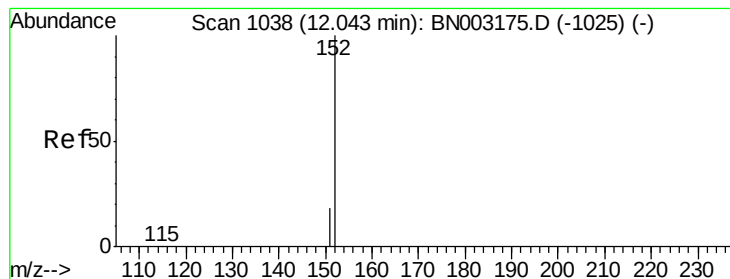


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

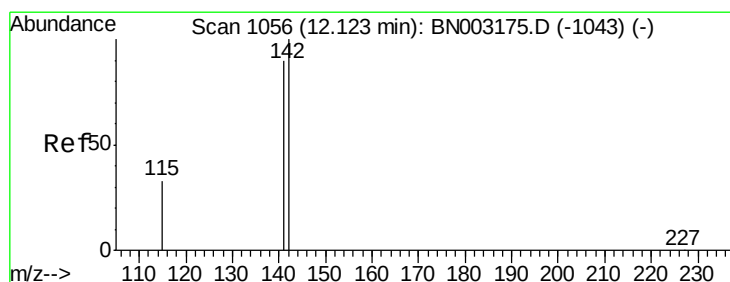
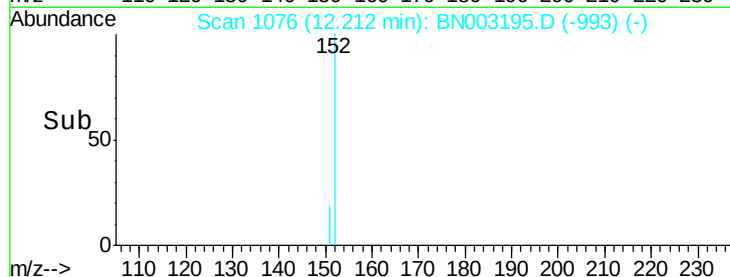
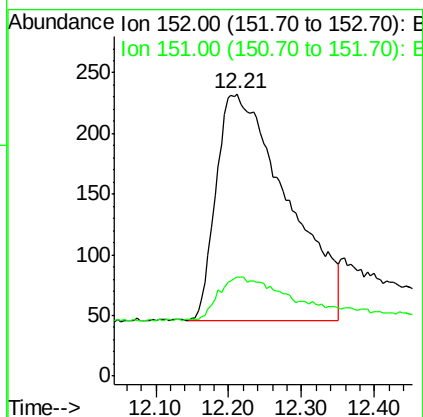
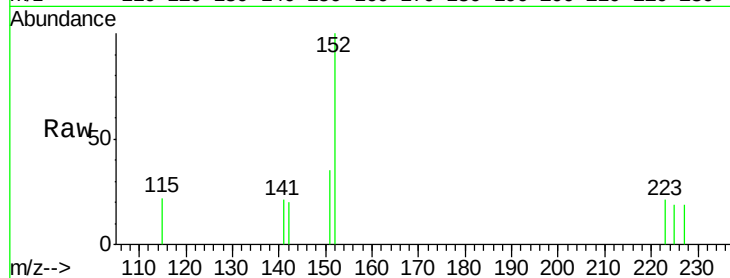




#11
 2-Methylnaphthalene-d10
 Concen: 0.341 ng
 RT: 12.21 min Scan# 1076
 Delta R.T. 0.17 min
 Lab File: BN003195.D
 Acq: 18 Oct 2018 00:08

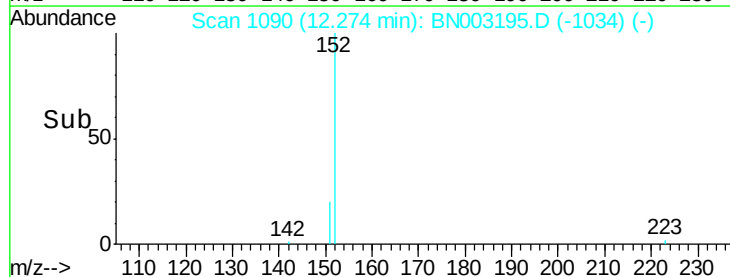
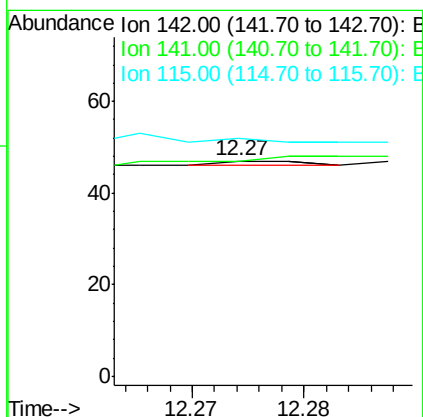
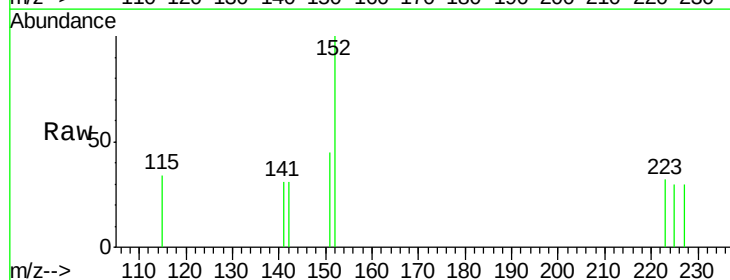
Instrument :
 BNA_N
 ClientSampleId :
 PB113685BL

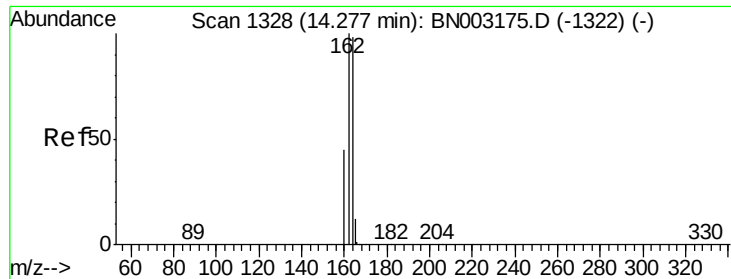
Tgt Ion:152 Resp: 1264
 Ion Ratio Lower Upper
 152 100
 151 17.1 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.000 ng
 RT: 12.27 min Scan# 1090
 Delta R.T. 0.15 min
 Lab File: BN003195.D
 Acq: 18 Oct 2018 00:08

Tgt Ion:142 Resp: 1
 Ion Ratio Lower Upper
 142 100
 141 100.0 71.5 107.3
 115 110.6 28.1 42.1#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.07 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

PB113685BL

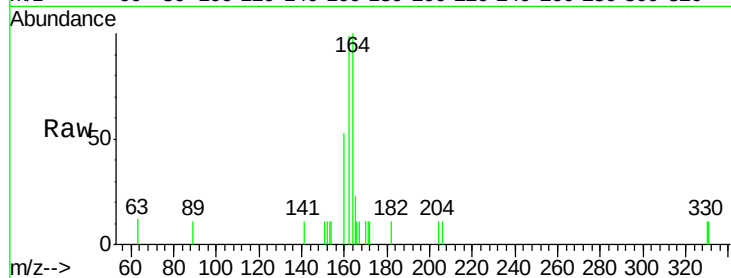
Tgt Ion:164 Resp: 2117

Ion Ratio Lower Upper

164 100

162 99.1 81.7 122.5

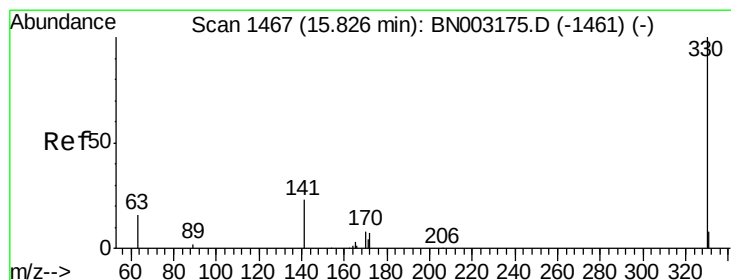
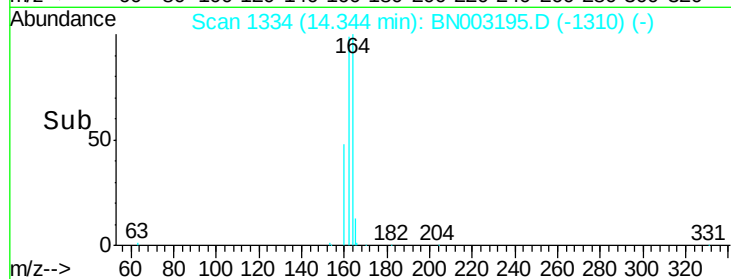
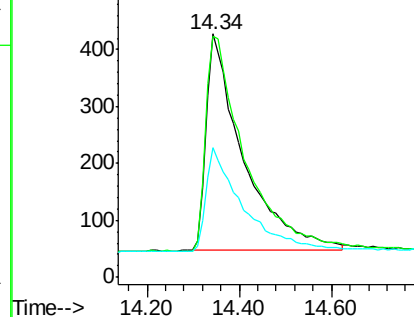
160 53.0 36.3 54.5



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

2,4,6-Tribromophenol

Concen: 0.302 ng

RT: 15.92 min Scan# 1475

Delta R.T. 0.09 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

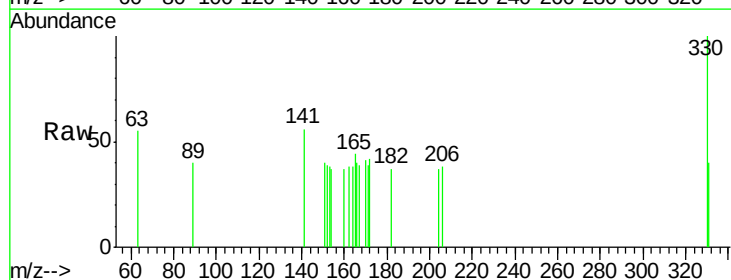
Tgt Ion:330 Resp: 407

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

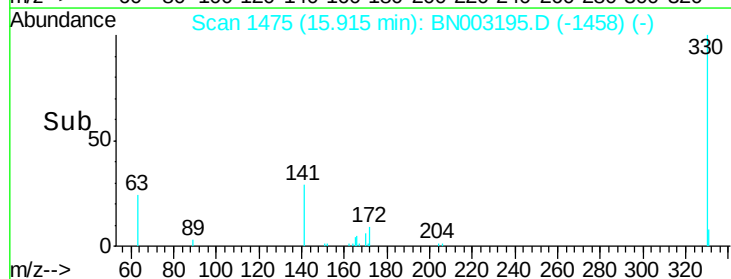
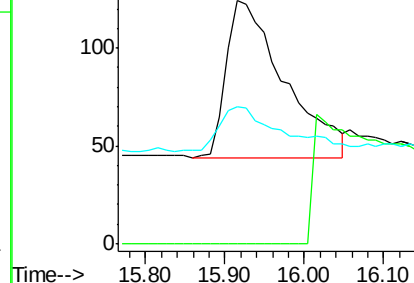
141 31.0 22.6 33.8

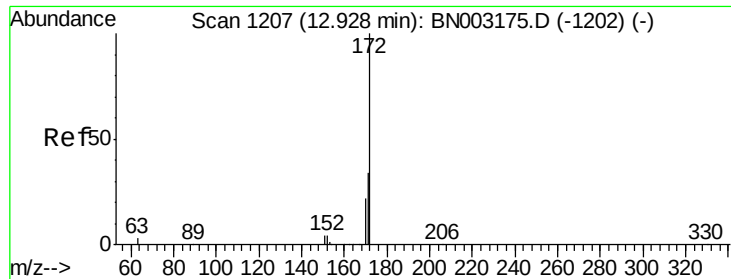


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

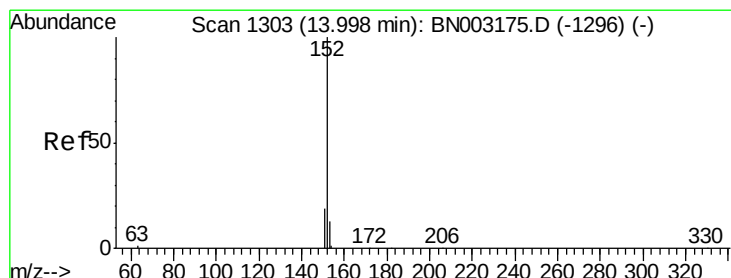
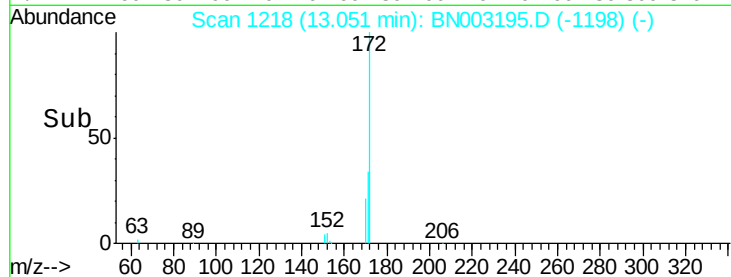
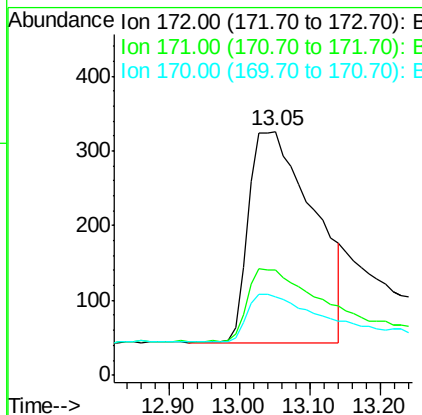
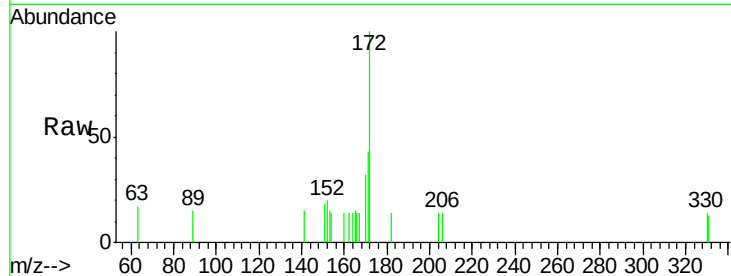




#15
2-Fluorobiphenyl
Concen: 0.215 ng
RT: 13.05 min Scan# 1218
Delta R.T. 0.12 min
Lab File: BN003195.D
Acq: 18 Oct 2018 00:08

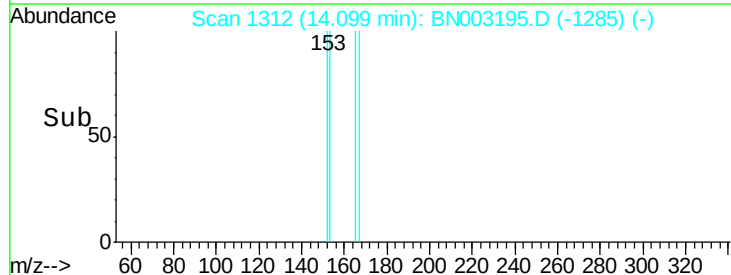
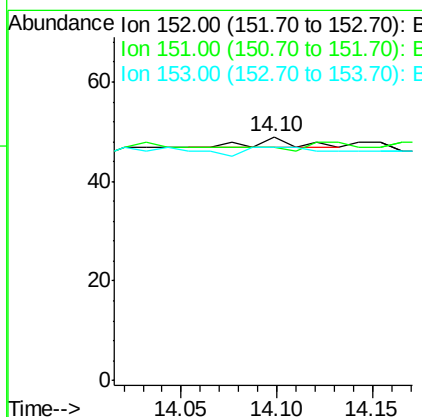
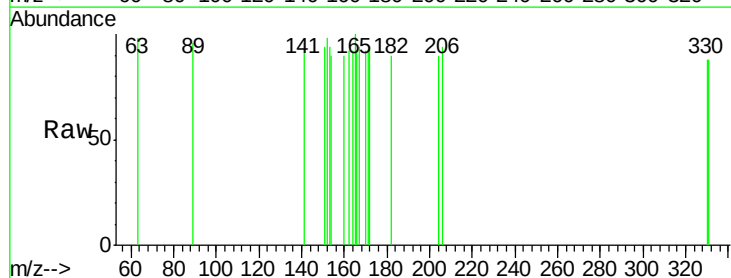
Instrument :
BNA_N
ClientSampleId :
PB113685BL

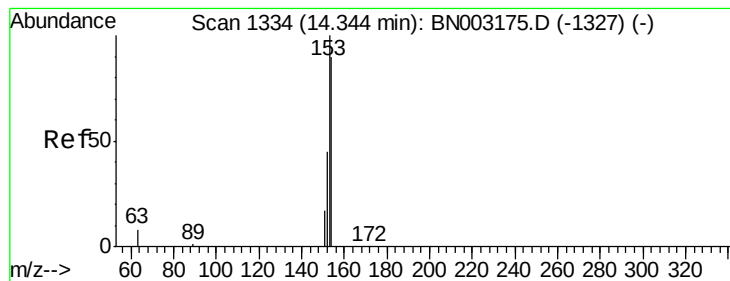
Tgt Ion:172 Resp: 1792
Ion Ratio Lower Upper
172 100
171 43.3 28.6 43.0#
170 32.2 18.6 27.8#



#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.10 min Scan# 1312
Delta R.T. 0.10 min
Lab File: BN003195.D
Acq: 18 Oct 2018 00:08

Tgt Ion:152 Resp: 3
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 200.0 10.6 16.0#





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.41 min Scan# 1340

Delta R.T. 0.07 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

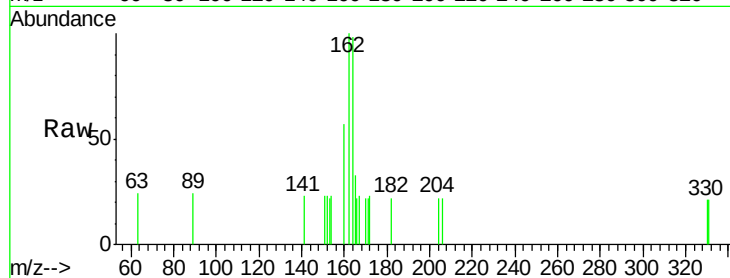
Instrument :

BNA_N

ClientSampleId :

PB113685BL

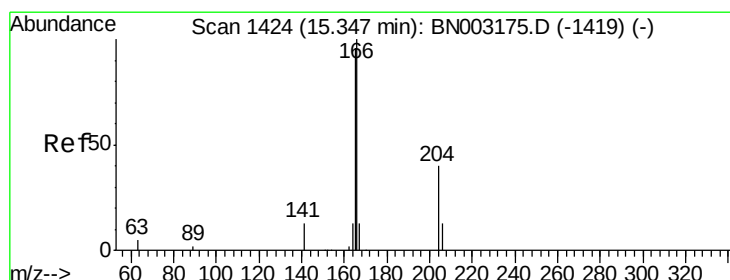
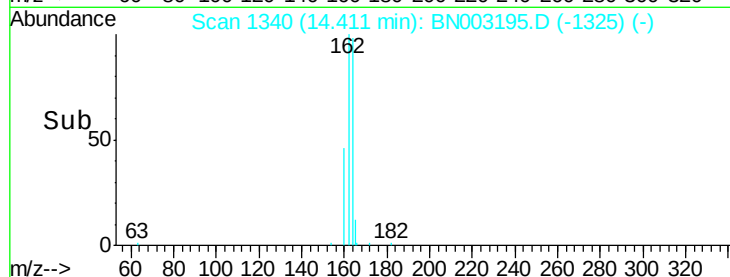
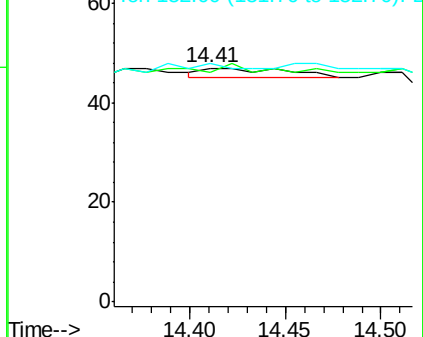
Tgt Ion:	154	Resp:	6
Ion	Ratio	Lower	Upper
154	100		
153	50.0	91.0	136.4#
152	0.0	43.8	65.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.000 ng

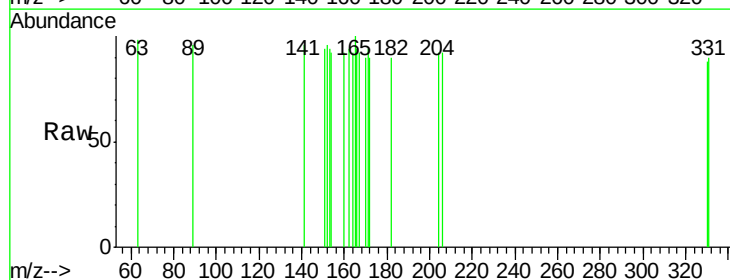
RT: 15.44 min Scan# 1432

Delta R.T. 0.09 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

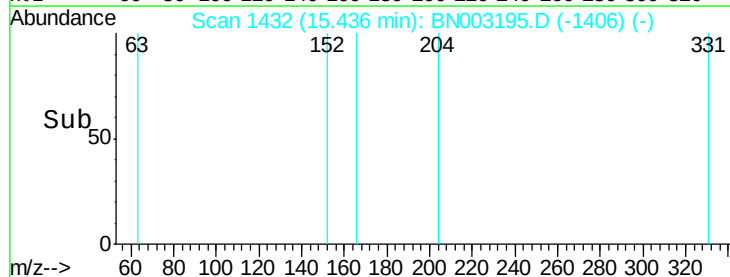
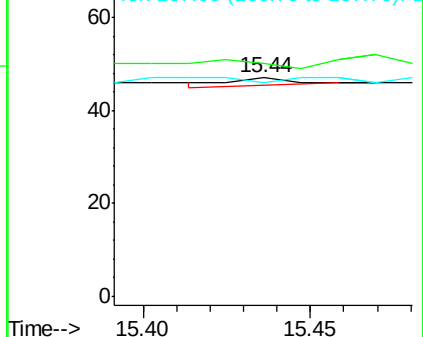
Tgt Ion:	166	Resp:	2
Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.2	117.2#
167	50.0	10.7	16.1#

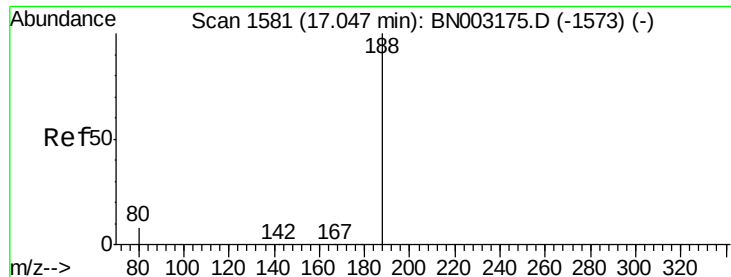


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1588

Delta R.T. 0.07 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

PB113685BL

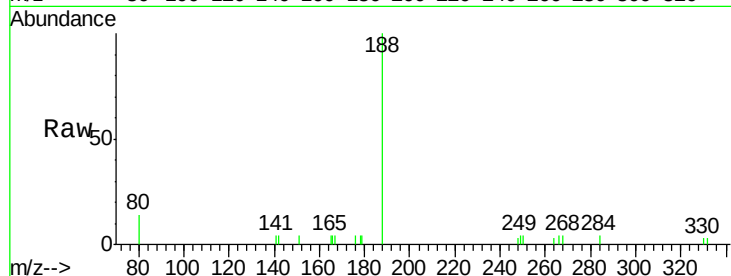
Tgt Ion:188 Resp: 6197

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

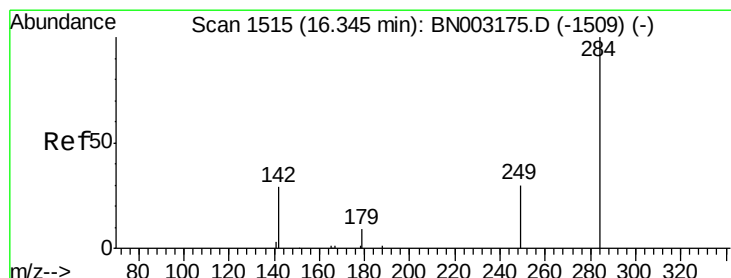
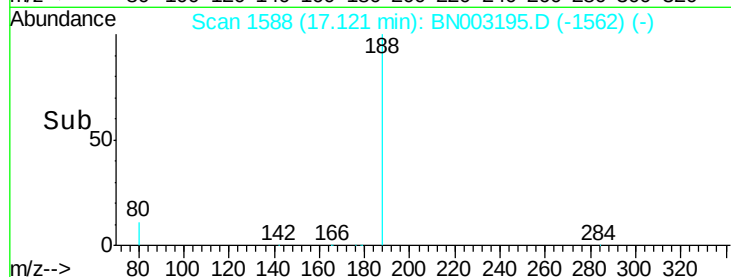
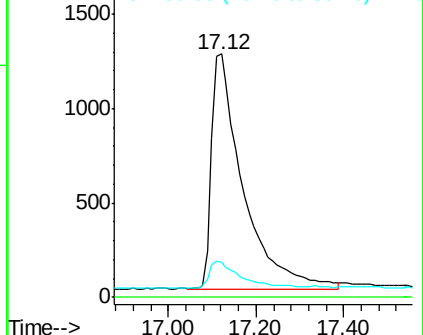
80 14.2 6.7 10.1#



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



#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.44 min Scan# 1524

Delta R.T. 0.10 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

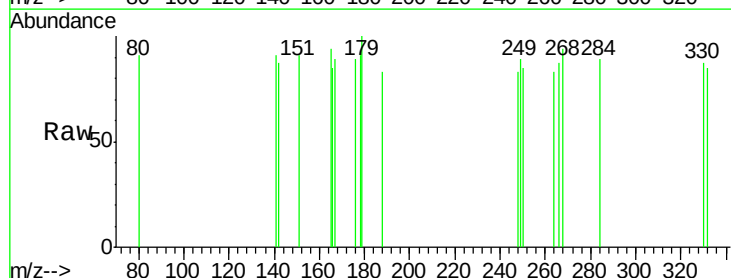
Tgt Ion:284 Resp: 4

Ion Ratio Lower Upper

284 100

142 100.0 24.6 37.0#

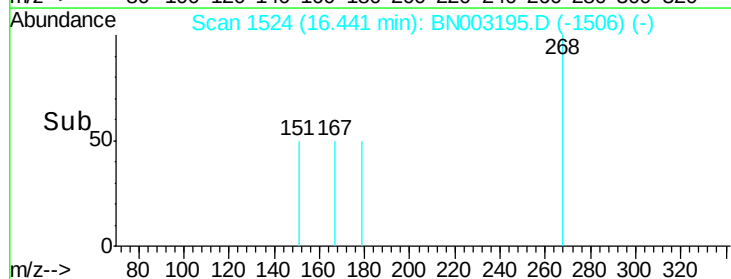
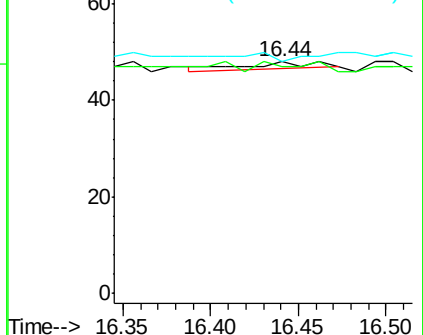
249 50.0 22.3 33.5#

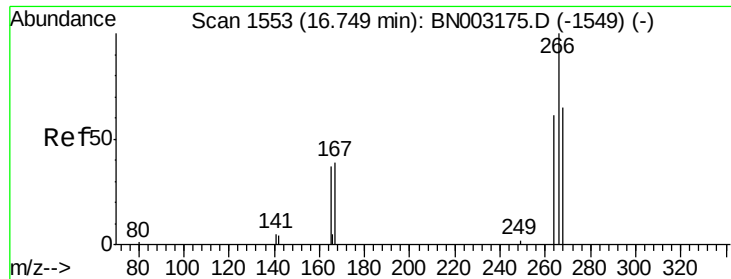


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.091 ng

RT: 16.86 min Scan# 1563

Delta R.T. 0.11 min

Lab File: BN003195.D

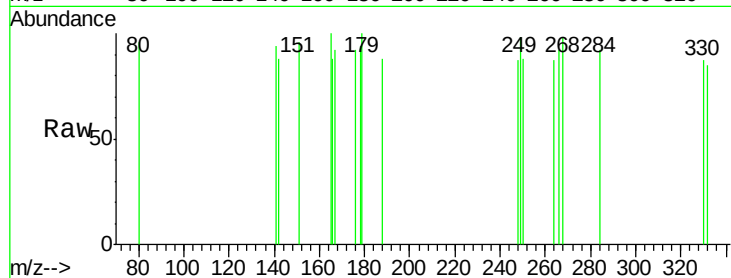
Acq: 18 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

PB113685BL



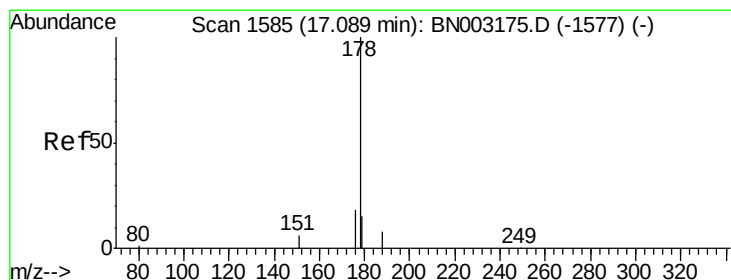
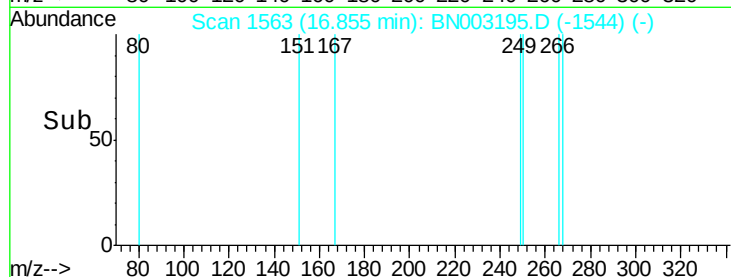
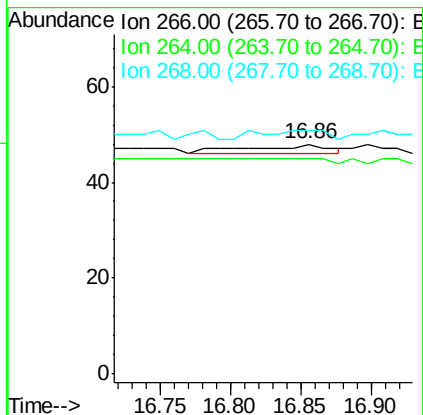
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 93.8 55.0 82.4#

268 106.3 60.6 91.0#



#23

Phenanthrene

Concen: 0.000 ng

RT: 17.15 min Scan# 1591

Delta R.T. 0.06 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

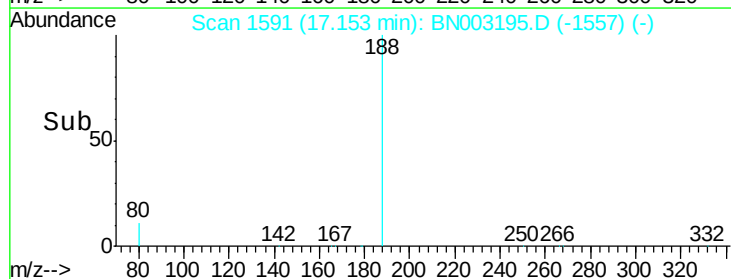
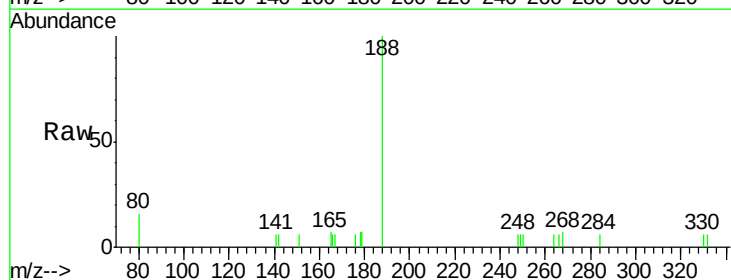
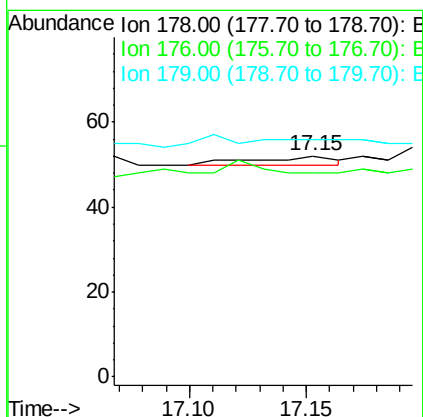
Tgt Ion:178 Resp: 4

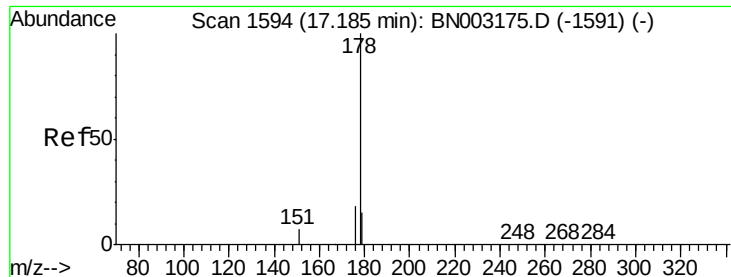
Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

179 0.0 12.3 18.5#





#24

Anthracene

Concen: 0.001 ng

RT: 17.30 min Scan# 1605

Delta R.T. 0.12 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

PB113685BL

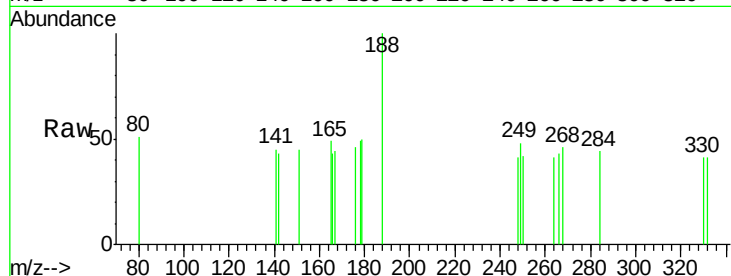
Tgt Ion:178 Resp: 8

Ion Ratio Lower Upper

178 100

176 50.0 14.6 22.0#

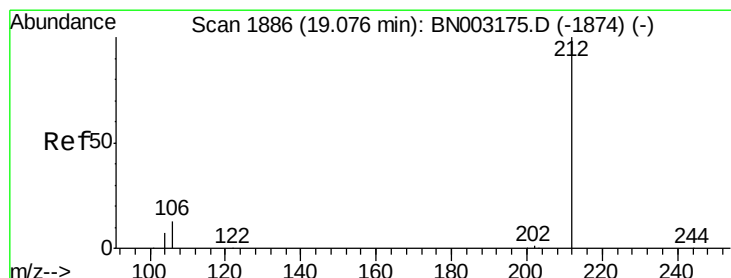
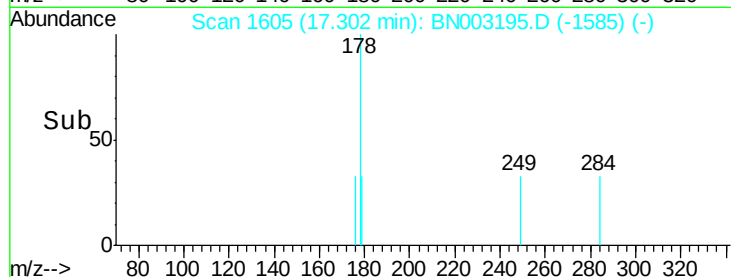
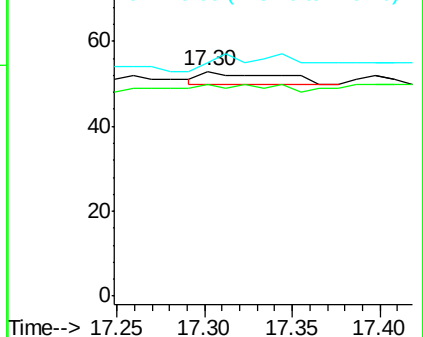
179 62.5 12.3 18.5#



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: 0.331 ng

RT: 19.12 min Scan# 1894

Delta R.T. 0.04 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

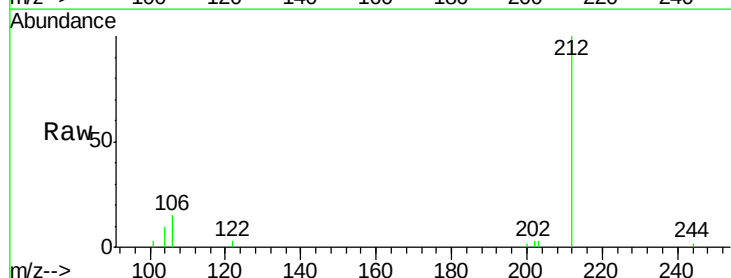
Tgt Ion:212 Resp: 6353

Ion Ratio Lower Upper

212 100

106 12.5 10.2 15.4

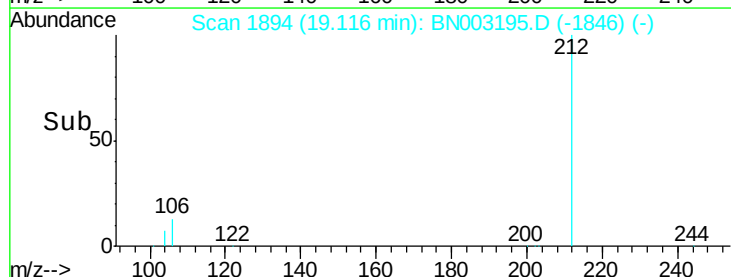
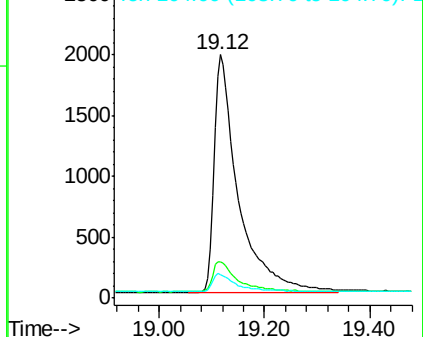
104 7.2 5.8 8.6

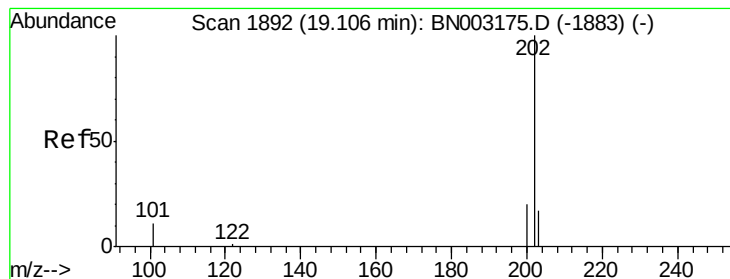


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.002 ng

RT: 19.15 min Scan# 1901

Delta R.T. 0.04 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

PB113685BL

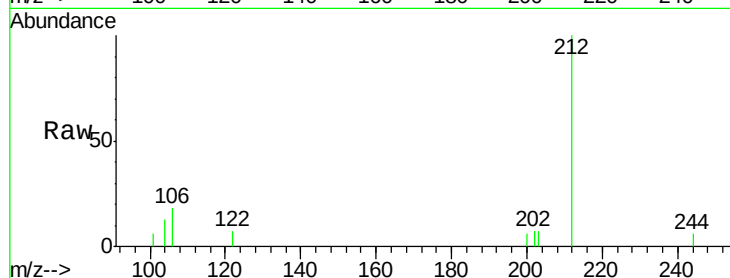
Tgt Ion:202 Resp: 34

Ion Ratio Lower Upper

202 100

101 0.0 8.6 12.8#

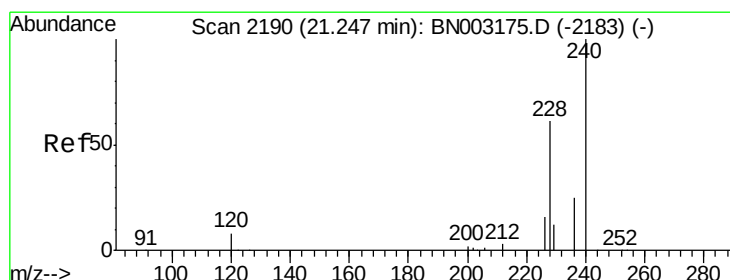
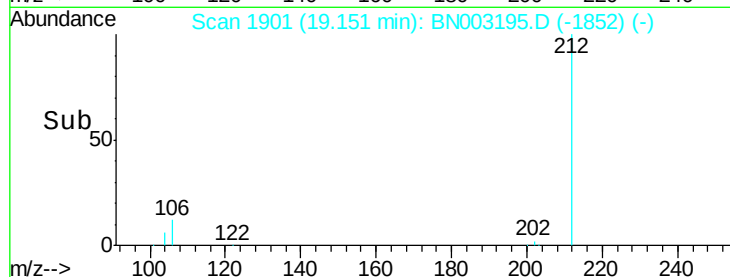
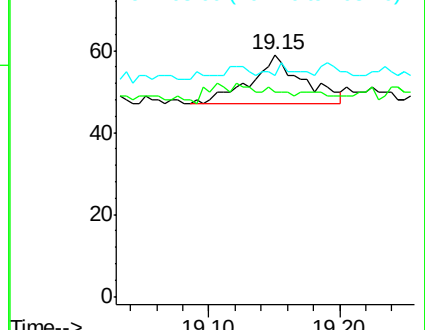
203 8.8 13.7 20.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. 0.02 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

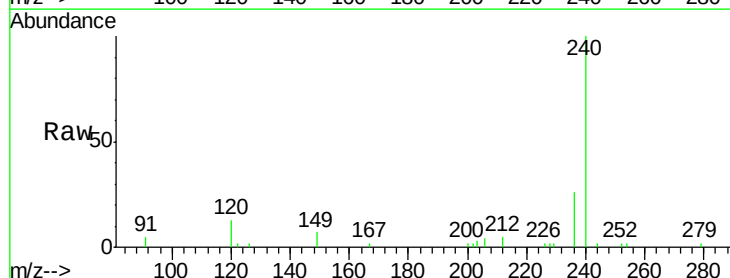
Tgt Ion:240 Resp: 9170

Ion Ratio Lower Upper

240 100

120 13.5 7.8 11.8#

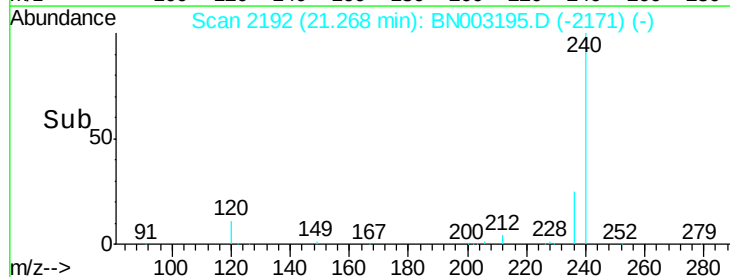
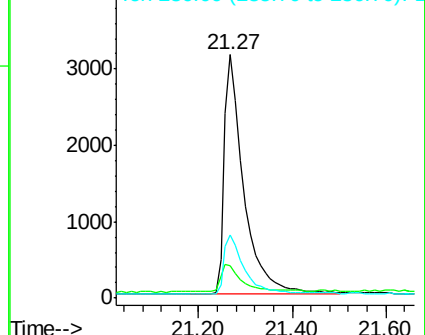
236 26.2 21.0 31.4

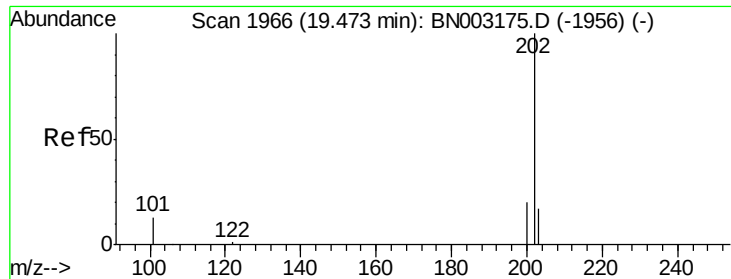


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.001 ng

RT: 19.51 min Scan# 1974

Delta R.T. 0.04 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Instrument :

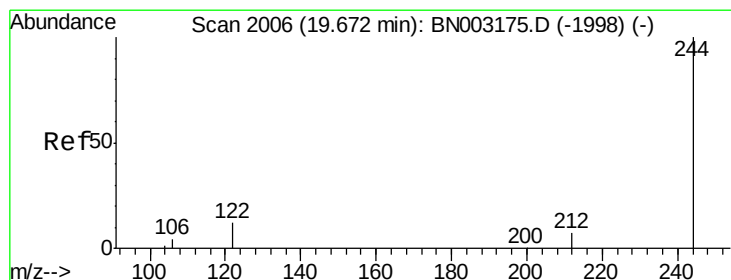
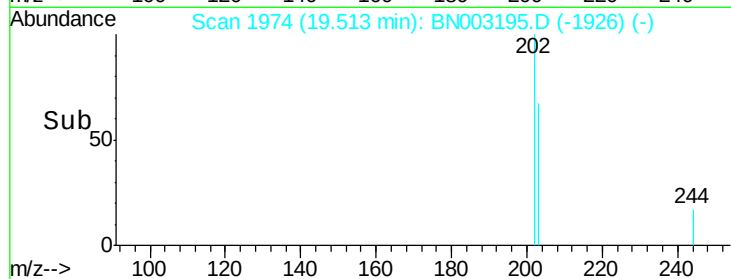
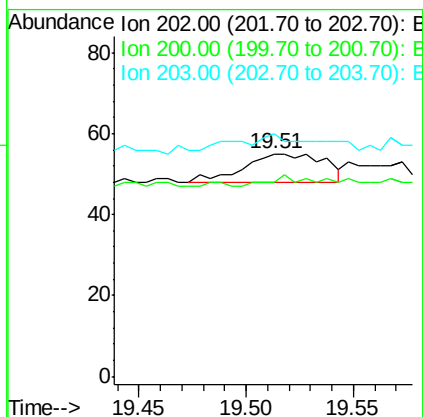
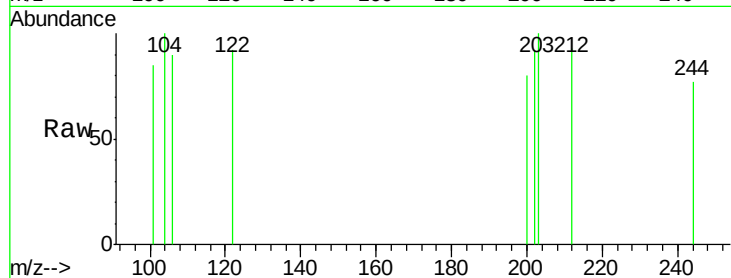
BNA_N

ClientSampleId :

PB113685BL

Tgt Ion:202 Resp: 18

Ion	Ratio	Lower	Upper
202	100		
200	16.7	16.3	24.5
203	11.1	14.2	21.2#



#29

Terphenyl-d14

Concen: 0.328 ng

RT: 19.69 min Scan# 2010

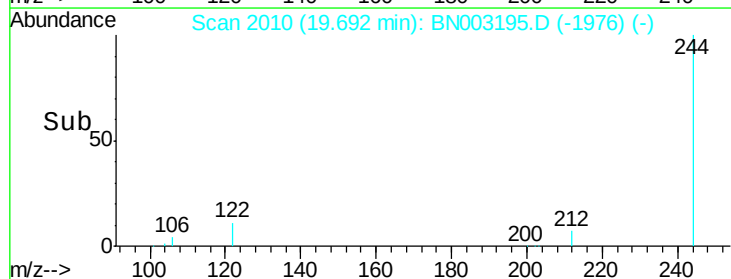
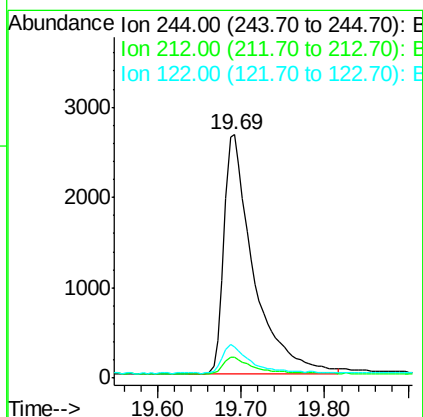
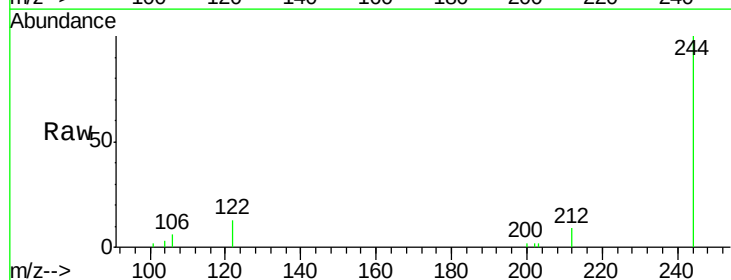
Delta R.T. 0.02 min

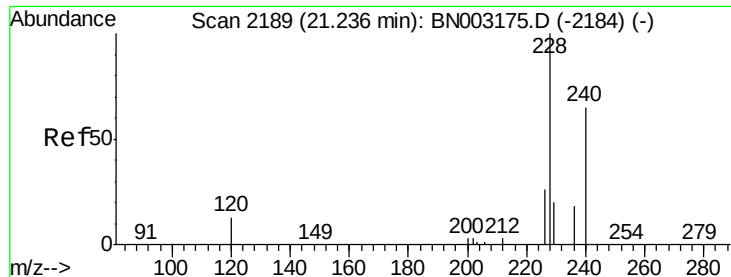
Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Tgt Ion:244 Resp: 6519

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.4
122	12.8	9.1	13.7





#30

Benzo(a)anthracene

Concen: 0.007 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.07 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

PB113685BL

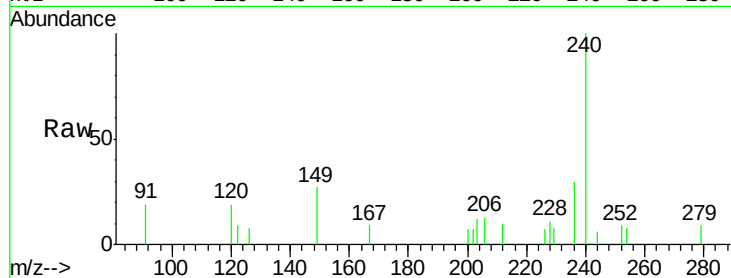
Tgt Ion:228 Resp: 184

Ion Ratio Lower Upper

228 100

226 68.9 21.4 32.2#

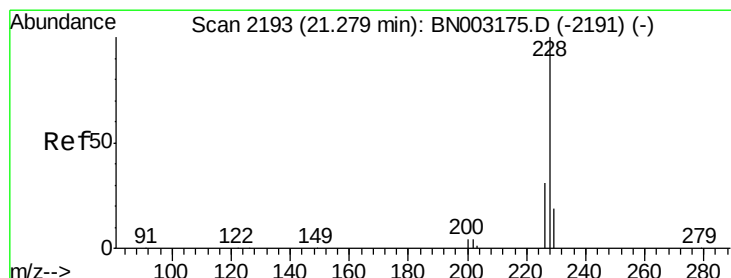
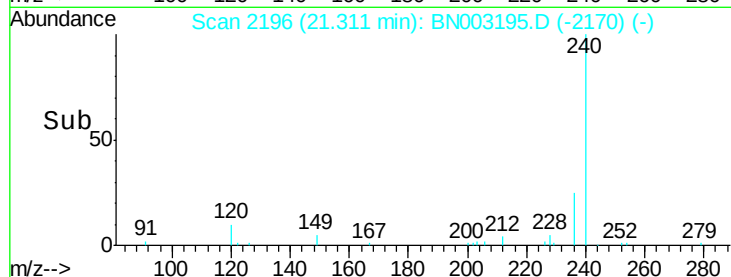
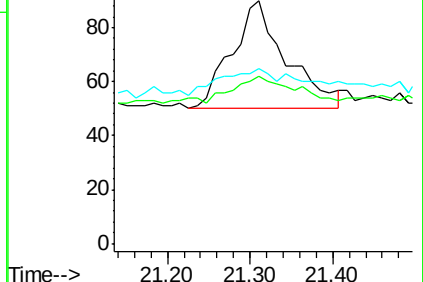
229 72.2 16.4 24.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.006 ng

RT: 21.31 min Scan# 2196

Delta R.T. 0.03 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

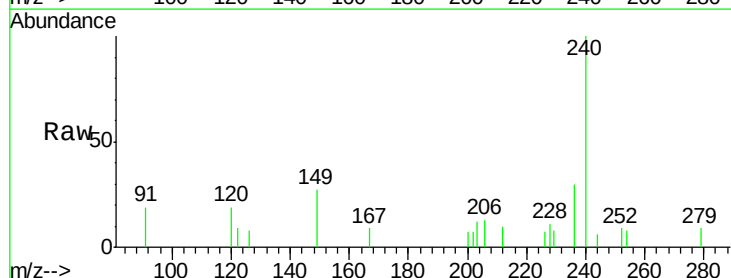
Tgt Ion:228 Resp: 180

Ion Ratio Lower Upper

228 100

226 68.9 23.1 34.7#

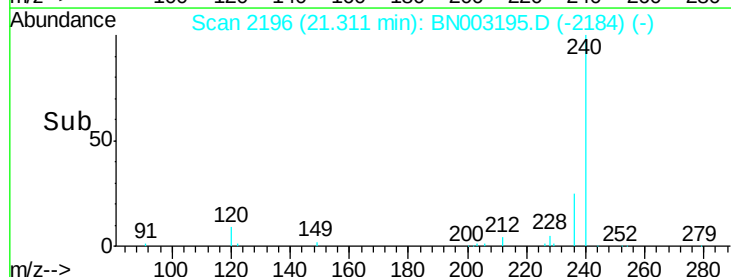
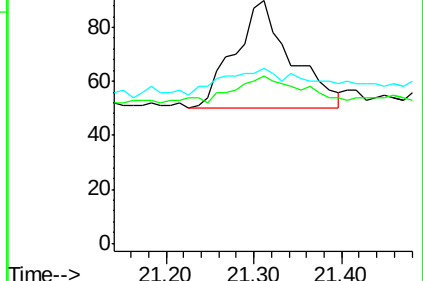
229 72.2 15.9 23.9#

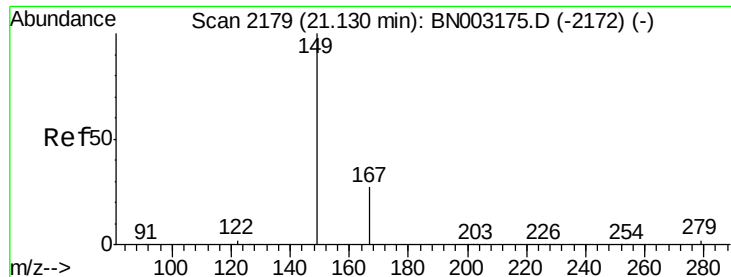


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

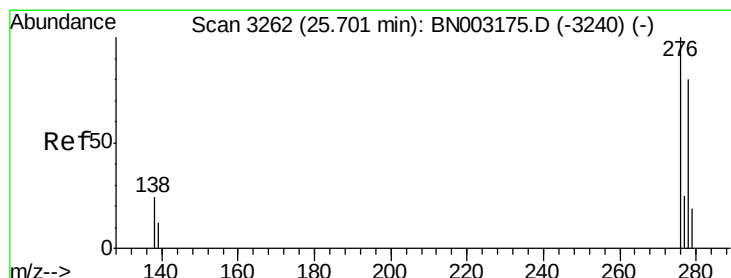
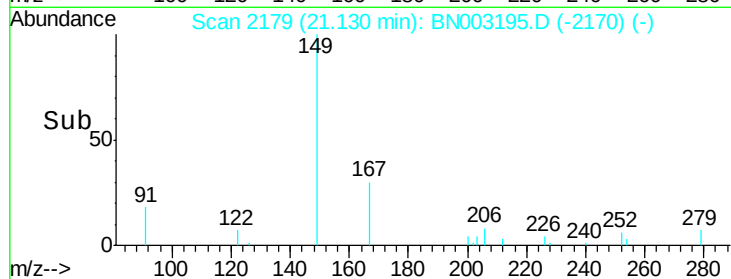
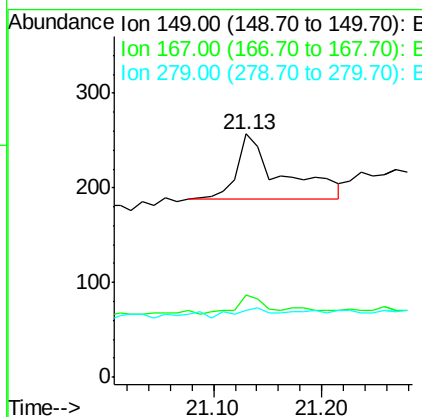
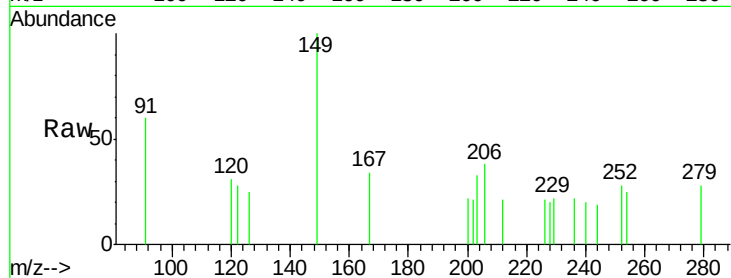




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.024 ng
 RT: 21.13 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BN003195.D
 Acq: 18 Oct 2018 00:08

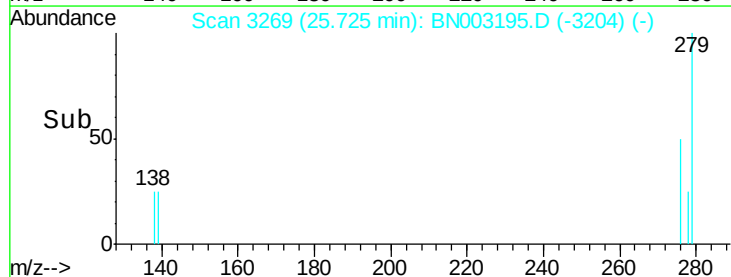
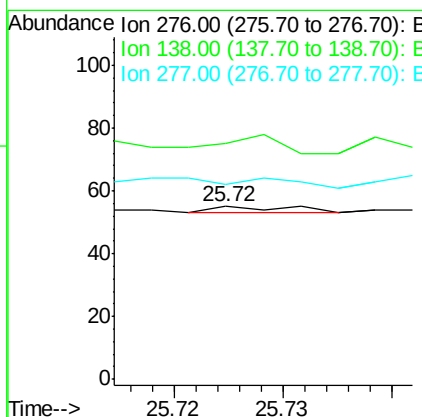
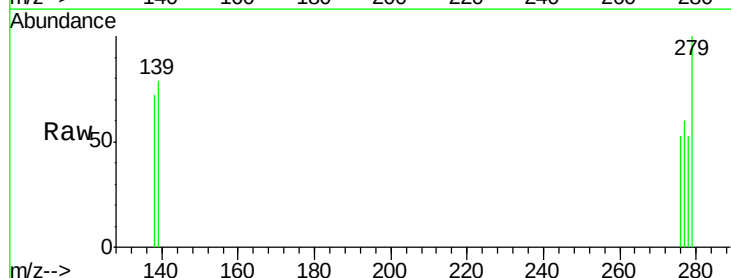
Instrument :
 BNA_N
 ClientSampleId :
 PB113685BL

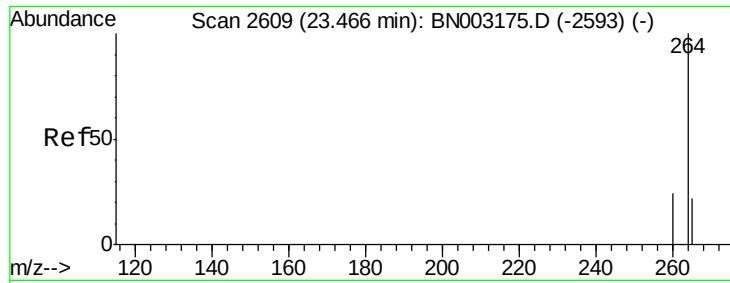
Tgt Ion:149 Resp: 198
 Ion Ratio Lower Upper
 149 100
 167 16.7 22.2 33.4#
 279 12.1 3.7 5.5#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.000 ng
 RT: 25.72 min Scan# 3269
 Delta R.T. 0.02 min
 Lab File: BN003195.D
 Acq: 18 Oct 2018 00:08

Tgt Ion:276 Resp: 1
 Ion Ratio Lower Upper
 276 100
 138 200.0 18.2 27.4#
 277 0.0 20.2 30.4#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.49 min Scan# 2616

Delta R.T. 0.02 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

PB113685BL

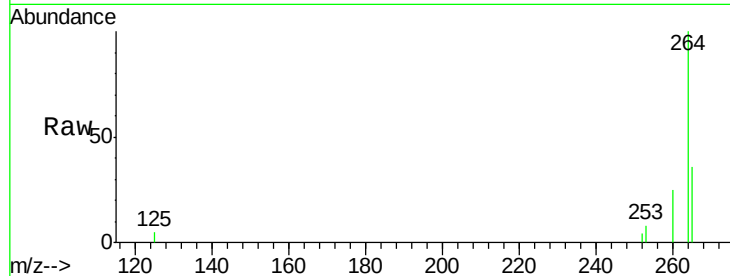
Tgt Ion:264 Resp: 9731

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

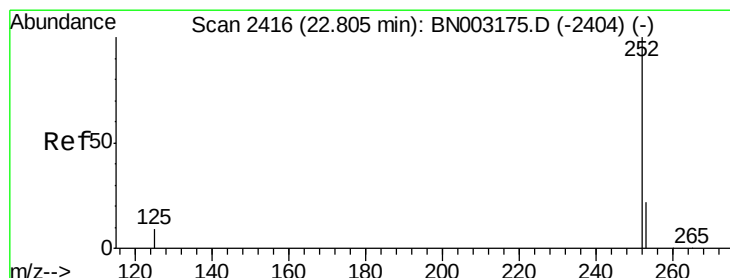
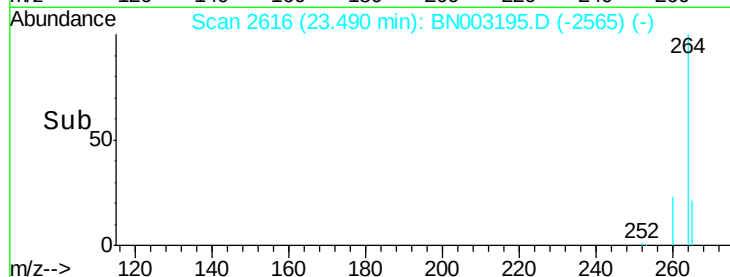
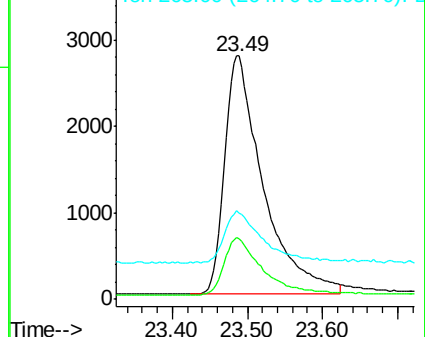
265 35.6 27.6 41.4



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



#35

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 22.85 min Scan# 2430

Delta R.T. 0.05 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

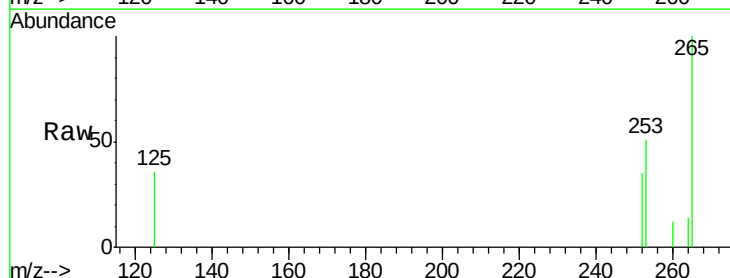
Tgt Ion:252 Resp: 89

Ion Ratio Lower Upper

252 100

253 145.3 20.8 31.2#

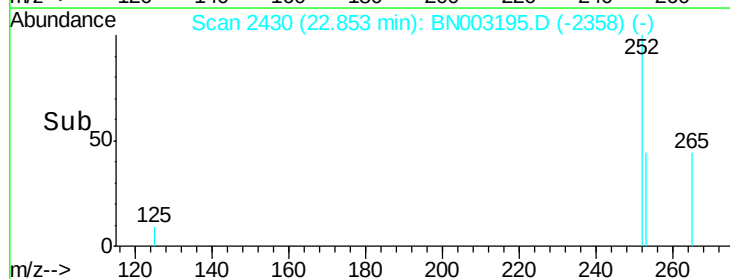
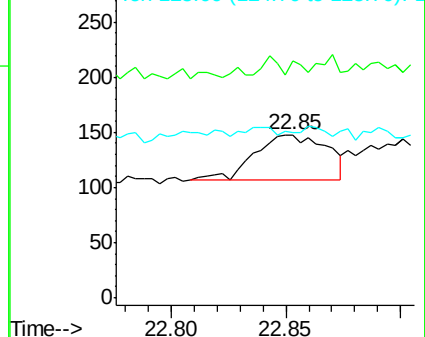
125 101.4 9.6 14.4#

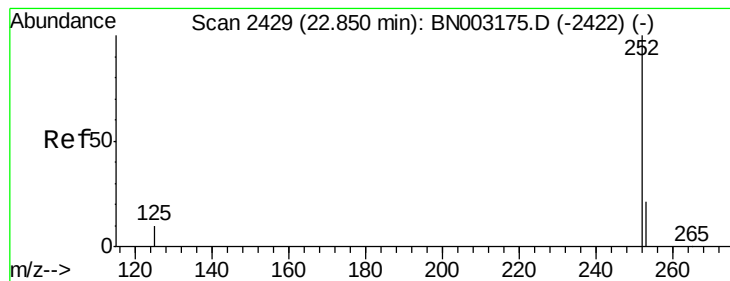


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 22.85 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

PB113685BL

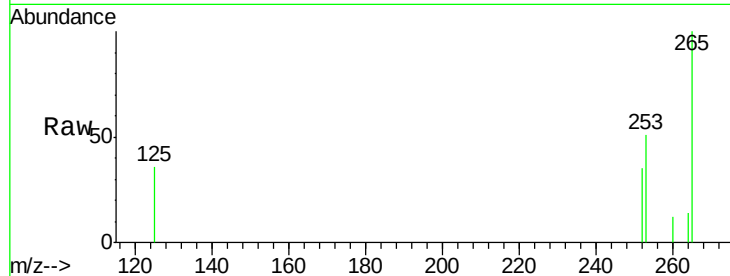
Tgt Ion: 252 Resp: 89

Ion Ratio Lower Upper

252 100

253 145.3 20.5 30.7#

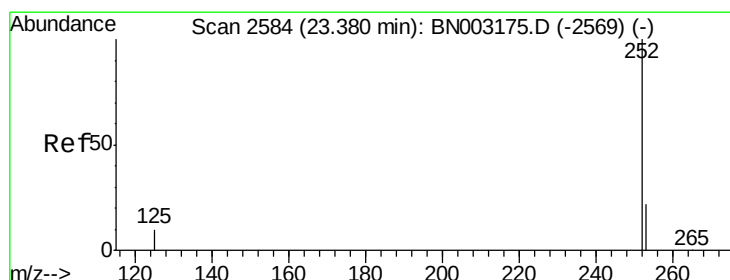
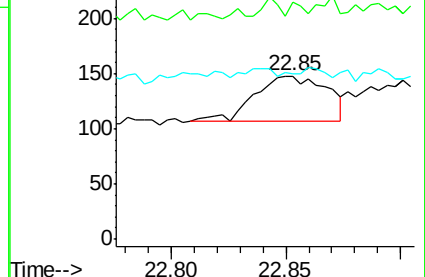
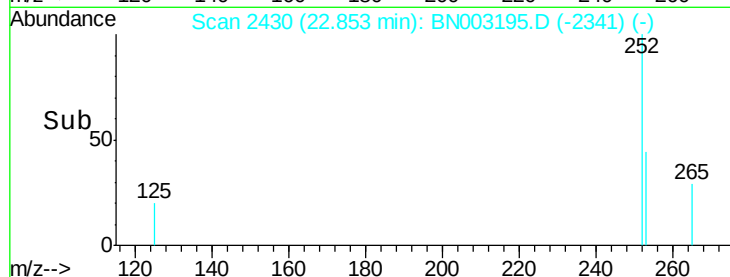
125 101.4 9.4 14.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.41 min Scan# 2592

Delta R.T. 0.03 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

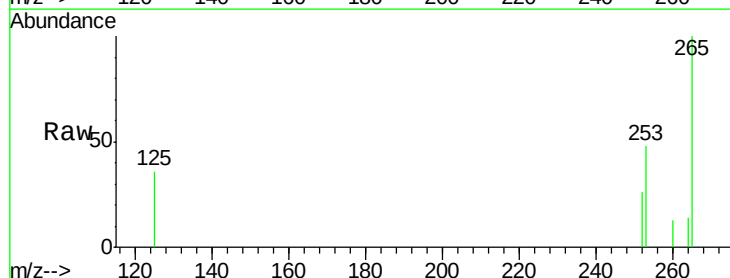
Tgt Ion: 252 Resp: 8

Ion Ratio Lower Upper

252 100

253 184.1 22.4 33.6#

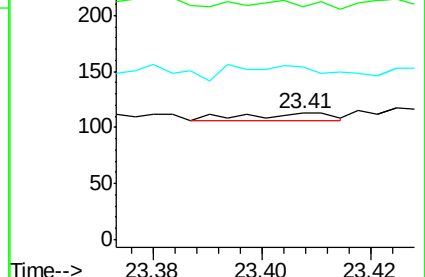
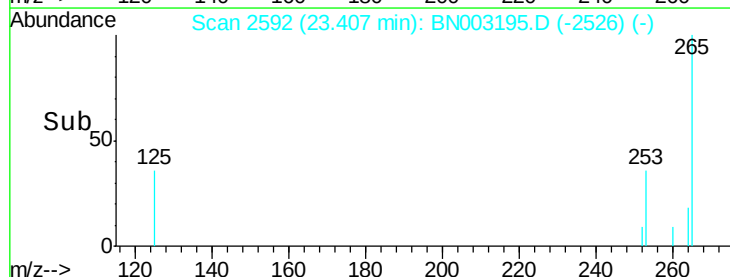
125 136.3 11.4 17.0#

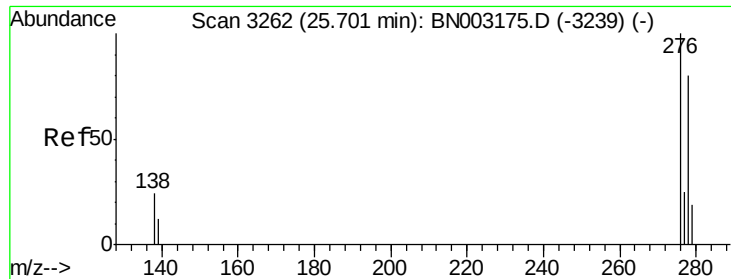


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 25.74 min Scan# 3273

Delta R.T. 0.04 min

Lab File: BN003195.D

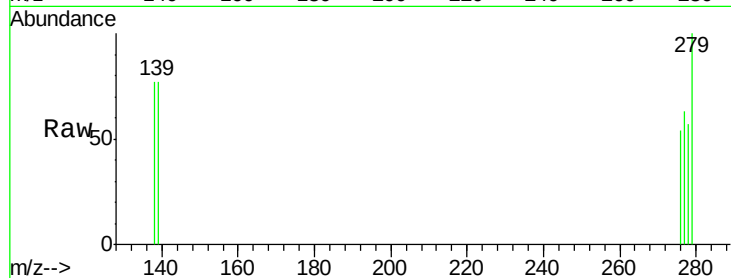
Acq: 18 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

PB113685BL



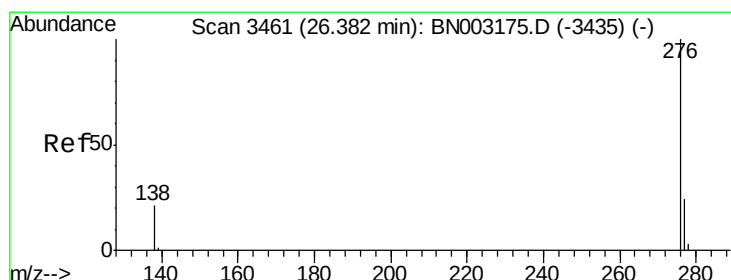
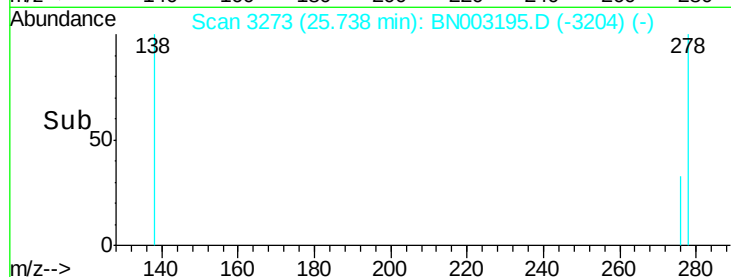
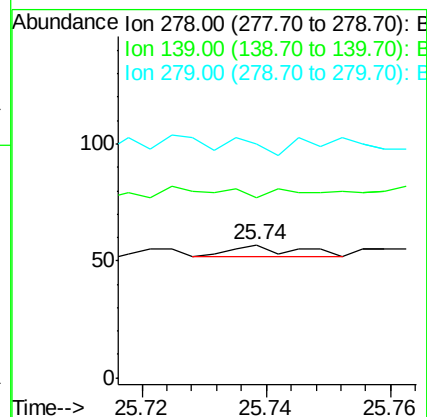
Tgt Ion: 278 Resp: 3

Ion Ratio Lower Upper

278 100

139 135.1 14.6 21.8#

279 175.4 23.1 34.7#



#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 26.42 min Scan# 3471

Delta R.T. 0.03 min

Lab File: BN003195.D

Acq: 18 Oct 2018 00:08

Tgt Ion: 276 Resp: 3

Ion Ratio Lower Upper

276 100

277 114.3 21.0 31.4#

138 132.1 18.1 27.1#

