

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
 Data File : BN003190.D
 Acq On : 17 Oct 2018 21:13
 Operator : MJ/SJ
 Sample : J5317-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-ERB02-20181005

Quant Time: Oct 18 15:39:41 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	7.68	152	802	0.40	ng	0.03
7) Naphthalene-d8	10.47	136	3680	0.40	ng	0.04
13) Acenaphthene-d10	14.30	164	2656	0.40	ng	0.02
19) Phenanthrene-d10	17.06	188	7004	0.40	ng	0.01
27) Chrysene-d12	21.26	240	10240	0.40	ng	0.01
34) Perylene-d12	23.48	264	10949	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	331	0.19	ng	0.03
5) Phenol-d6	7.06	99	166	0.07	ng	0.12
8) Nitrobenzene-d5	8.93	82	687	0.29	ng	0.06
11) 2-Methylnaphthalene-d10	12.08	152	2274	0.37	ng	0.04
14) 2,4,6-Tribromophenol	15.87	330	15	0.01	ng	0.04
15) 2-Fluorobiphenyl	12.94	172	3721	0.36	ng	0.01
25) Fluoranthene-d10	19.09	212	9582	0.44	ng	0.00
29) Terphenyl-d14	19.67	244	8364	0.38	ng	0.00

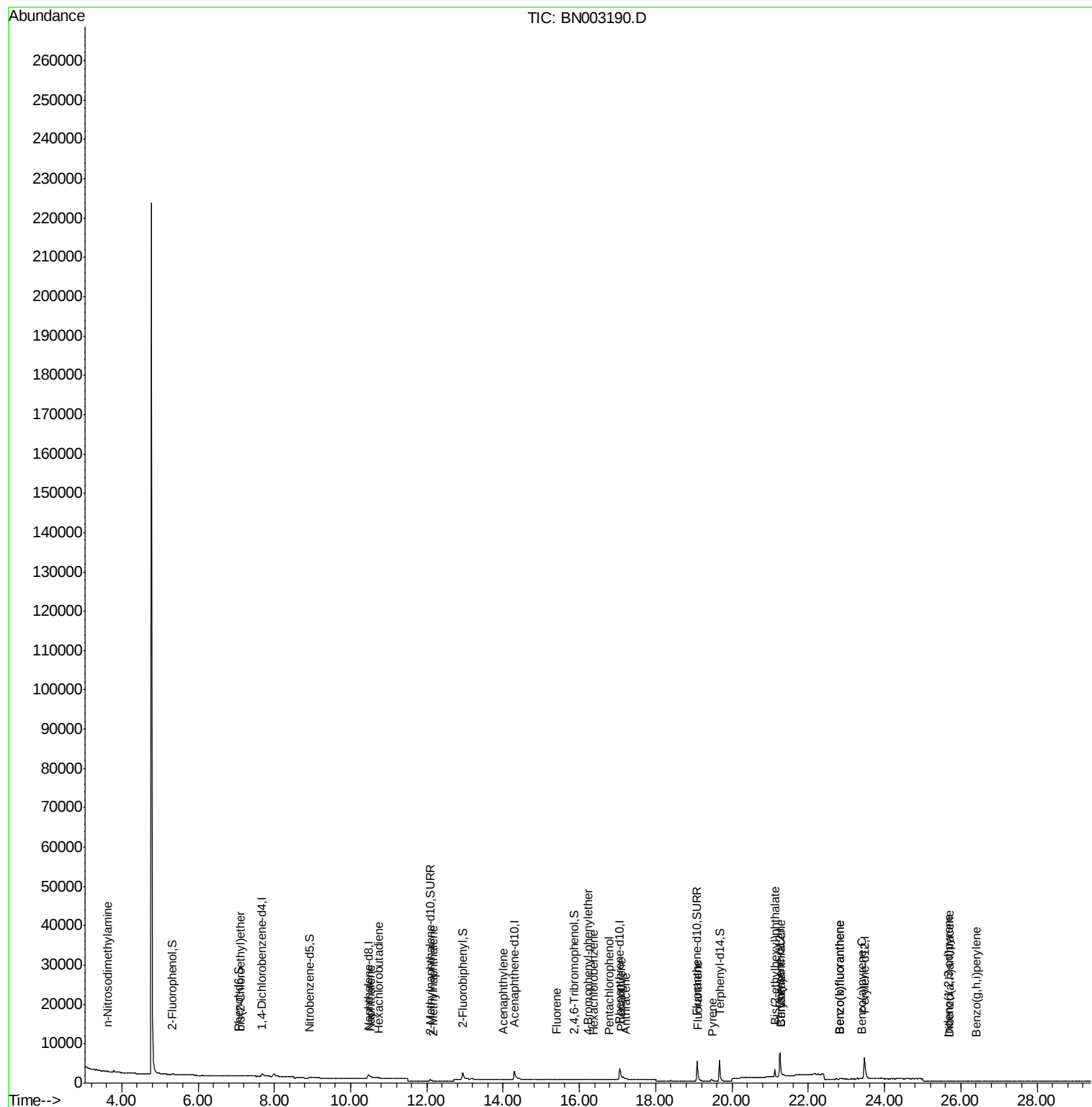
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	14	Below Cal		# 17
3) n-Nitrosodimethylamine	3.64	42	18	0.177	ng	# 1
6) bis(2-Chloroethyl)ether	7.13	93	4	0.002	ng	# 76
9) Naphthalene	10.52	128	40	0.004	ng	# 1
10) Hexachlorobutadiene	10.74	225	1	0.001	ng	# 18
12) 2-Methylnaphthalene	12.16	142	13	0.002	ng	# 59
16) Acenaphthylene	14.00	152	7	0.001	ng	# 61
18) Fluorene	15.40	166	25	0.002	ng	# 73
20) 4-Bromophenyl-phenylether	16.24	248	1	0.000	ng	# 71
21) Hexachlorobenzene	16.37	284	1	0.000	ng	# 1
22) Pentachlorophenol	16.79	266	6	0.089	ng	# 68
23) Phenanthrene	17.10	178	240	0.013	ng	# 94
24) Anthracene	17.23	178	46	0.003	ng	# 76
26) Fluoranthene	19.12	202	242	0.010	ng	# 88
28) Pyrene	19.49	202	162	0.006	ng	# 97
30) Benzo(a)anthracene	21.29	228	247	0.009	ng	# 5
31) Chrysene	21.29	228	207	0.007	ng	# 9
32) Bis(2-ethylhexyl)phthalate	21.13	149	1780	0.115	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.68	276	3	0.000	ng	# 1
35) Benzo(b)fluoranthene	22.84	252	115	0.004	ng	# 1
36) Benzo(k)fluoranthene	22.84	252	115	0.003	ng	# 1
37) Benzo(a)pyrene	23.42	252	35	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.70	278	3	0.000	ng	# 1
39) Benzo(g,h,i)perylene	26.40	276	1	0.000	ng	# 1

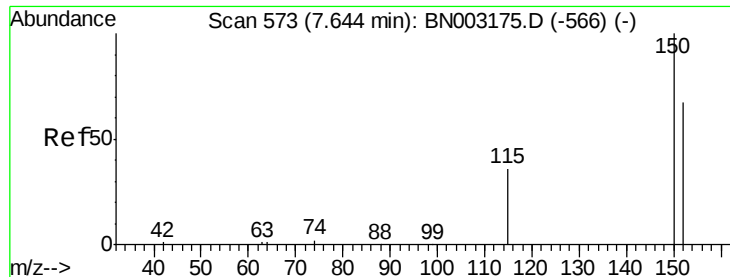
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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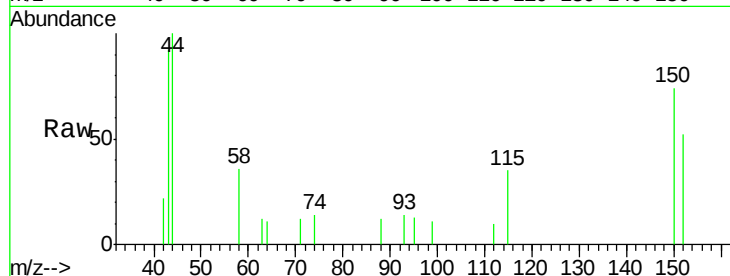


#1

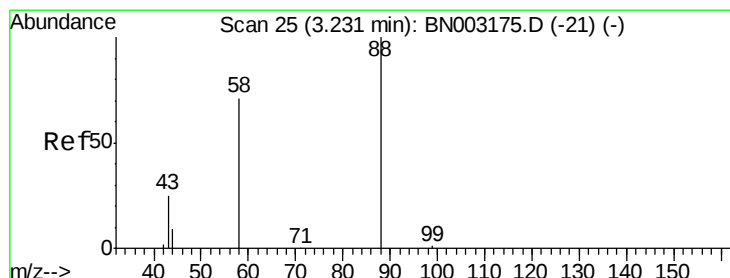
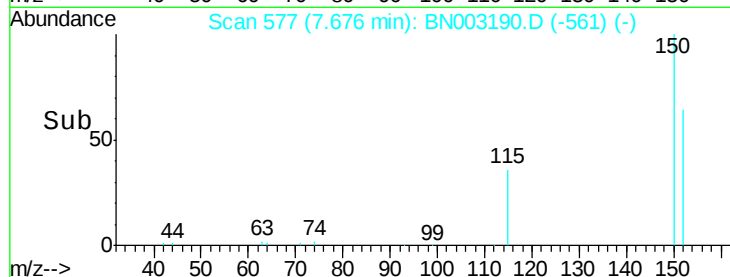
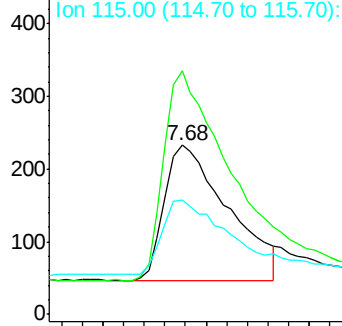
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.03 min
Lab File: BN003190.D
Acq: 17 Oct 2018 21:13

Instrument :
BNA_N
ClientSampleId :
BP-TT-ERB02-20181005

Tgt Ion: 152 Resp: 802
Ion Ratio Lower Upper
152 100
150 143.8 126.2 189.4
115 67.8 49.8 74.6



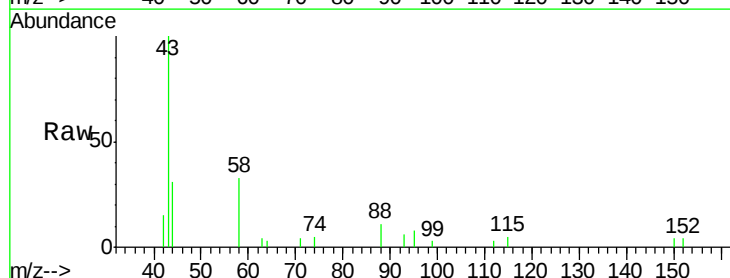
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



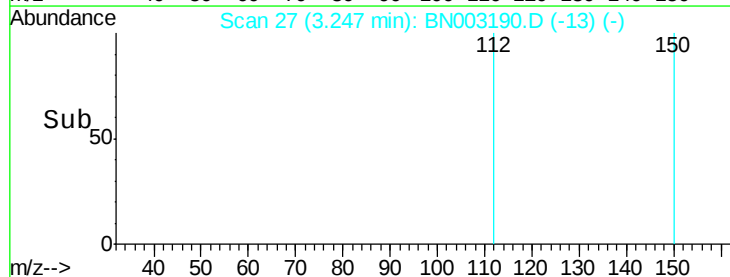
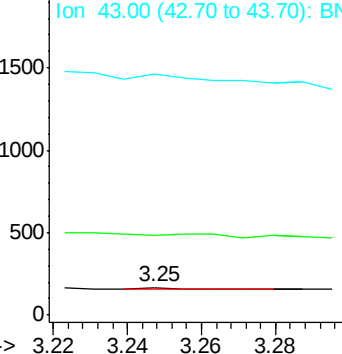
#2

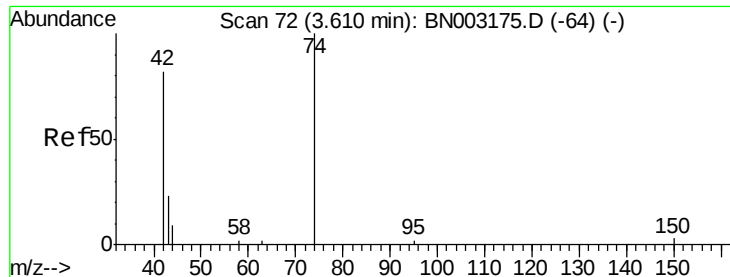
1,4-Dioxane
Concen: Below Cal
RT: 3.25 min Scan# 27
Delta R.T. 0.02 min
Lab File: BN003190.D
Acq: 17 Oct 2018 21:13

Tgt Ion: 88 Resp: 14
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: 0.177 ng

RT: 3.64 min Scan# 76

Delta R.T. 0.03 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Instrument :

BNA_N

ClientSampleId :

BP-TT-ERB02-20181005

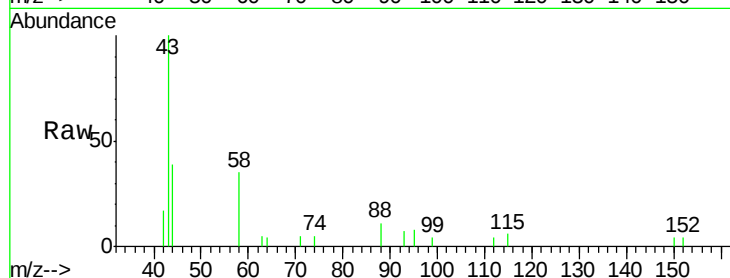
Tgt Ion: 42 Resp: 18

Ion Ratio Lower Upper

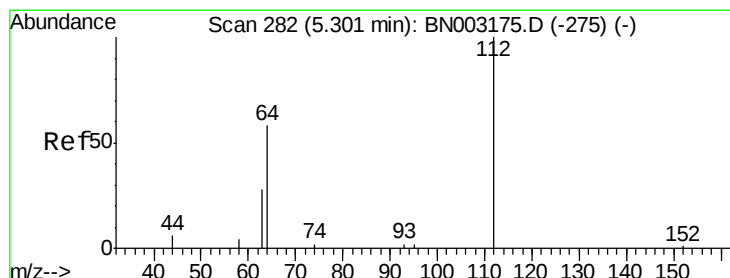
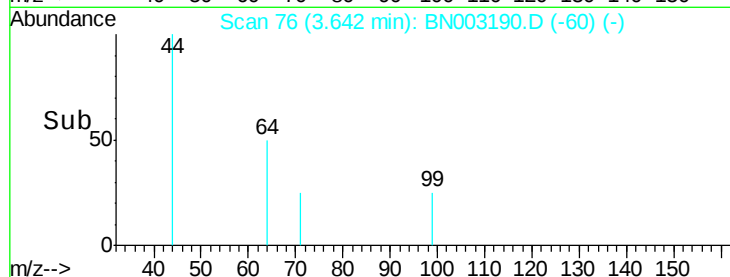
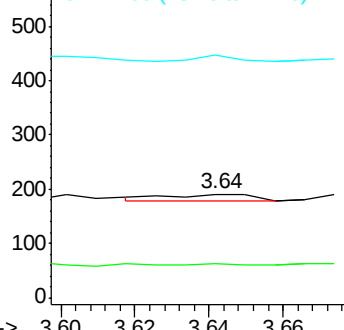
42 100

74 0.0 102.9 154.3#

44 55.6 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



#4

2-Fluorophenol

Concen: 0.187 ng

RT: 5.33 min Scan# 286

Delta R.T. 0.03 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

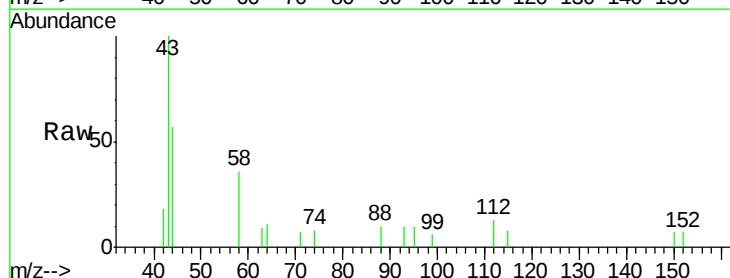
Tgt Ion: 112 Resp: 331

Ion Ratio Lower Upper

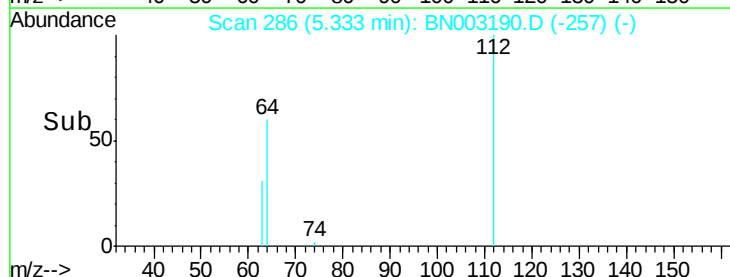
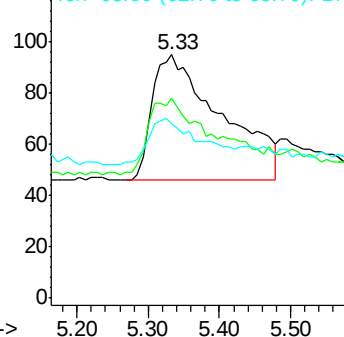
112 100

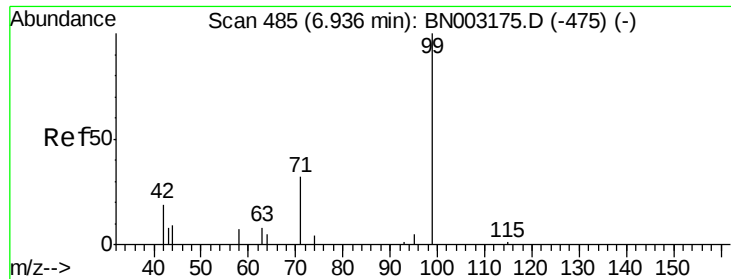
64 58.3 49.0 73.4

63 27.8 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





#5

Phenol-d6

Concen: 0.066 ng

RT: 7.06 min Scan# 500

Delta R.T. 0.12 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Instrument :

BNA_N

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BP-TT-ERB02-20181005

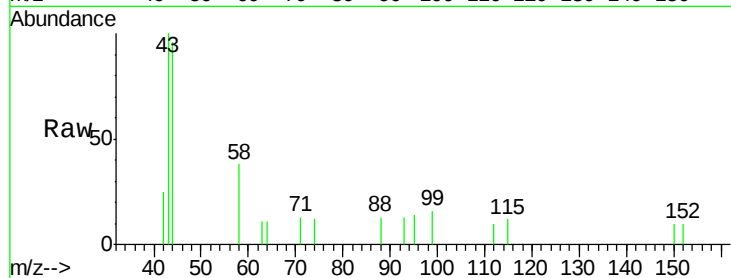
Tgt Ion: 99 Resp: 166

Ion Ratio Lower Upper

99 100

42 16.9 15.4 23.2

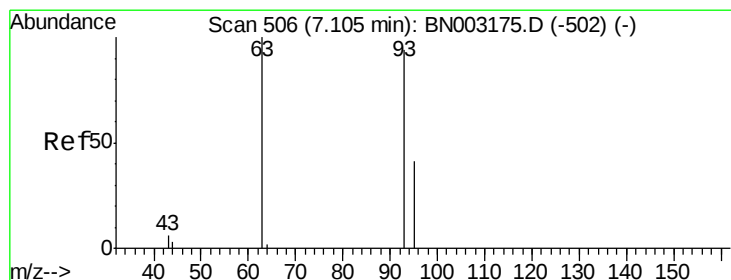
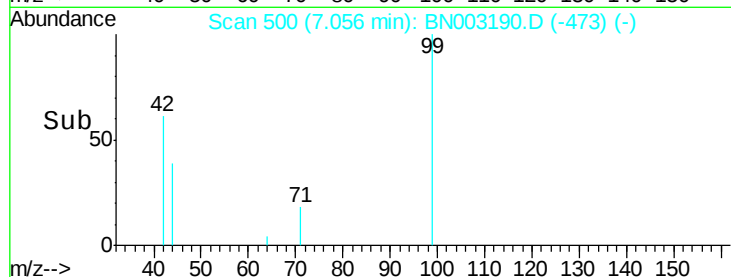
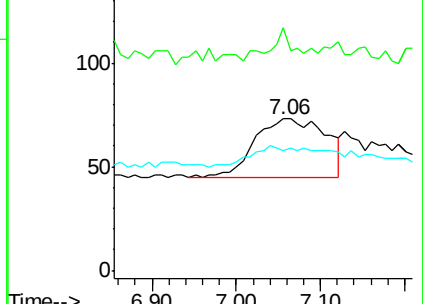
71 16.9 26.0 39.0#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 7.13 min Scan# 509

Delta R.T. 0.02 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

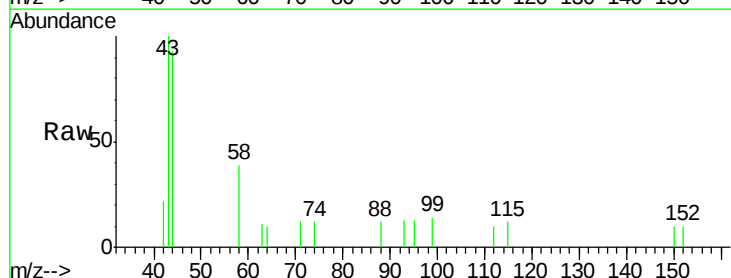
Tgt Ion: 93 Resp: 4

Ion Ratio Lower Upper

93 100

63 75.0 54.2 81.4

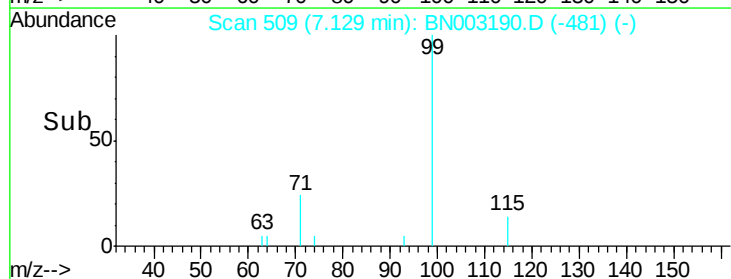
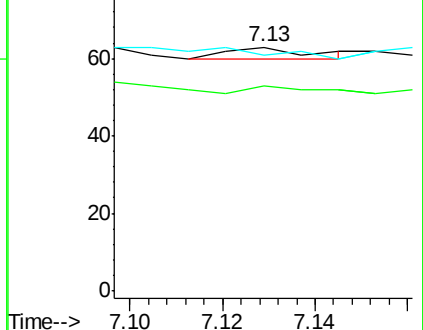
95 0.0 24.9 37.3#

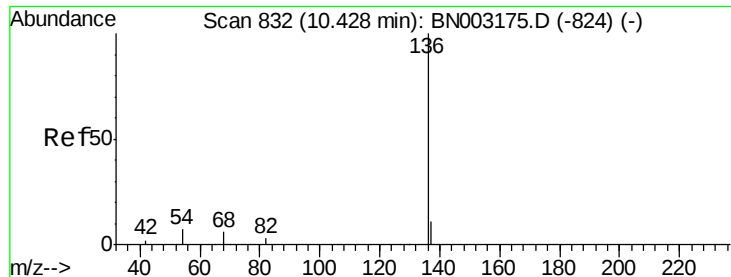


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. 0.04 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Instrument :

BNA_N

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Tgt Ion: 136 Resp: 3680

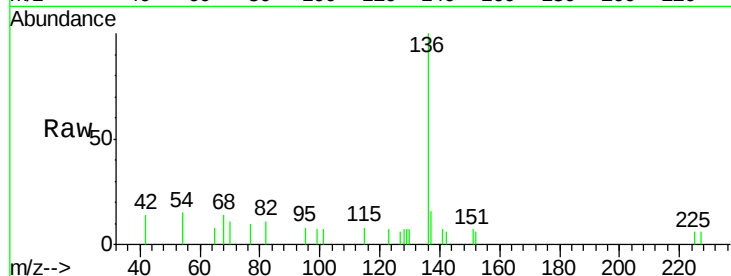
Ion Ratio Lower Upper

136 100

137 16.4 9.4 14.0#

54 15.3 7.4 11.0#

68 14.5 5.8 8.6#

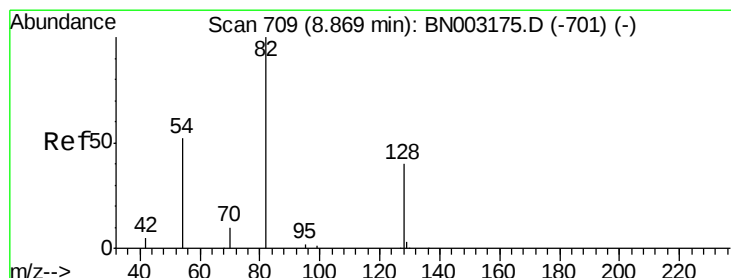
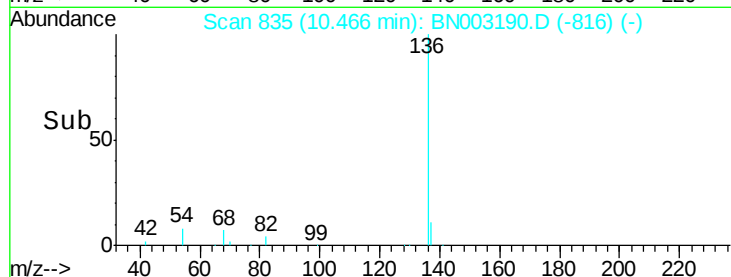
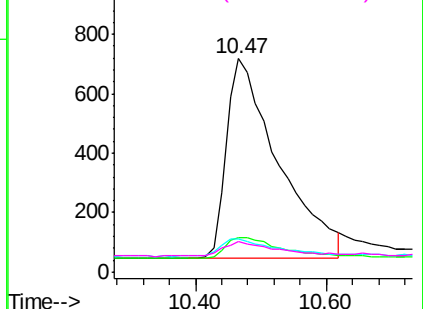


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.290 ng

RT: 8.93 min Scan# 714

Delta R.T. 0.06 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

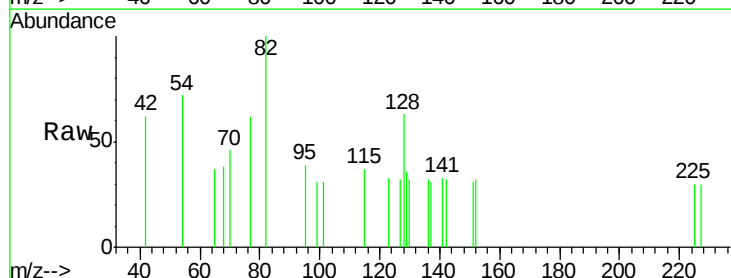
Tgt Ion: 82 Resp: 687

Ion Ratio Lower Upper

82 100

128 62.7 38.2 57.4#

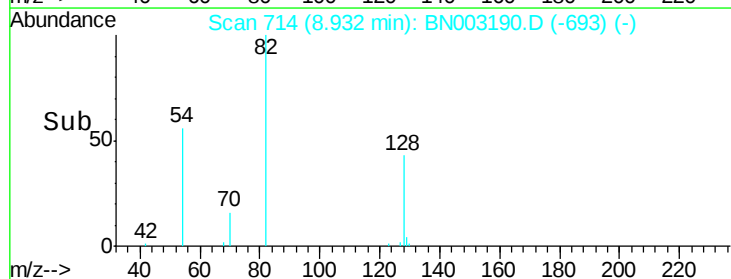
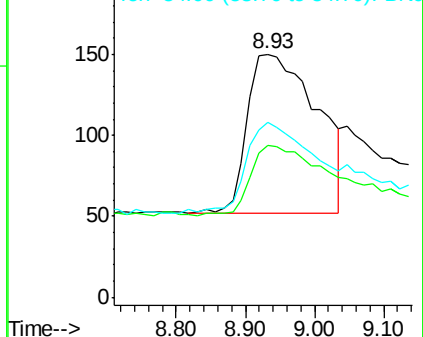
54 72.0 44.1 66.1#

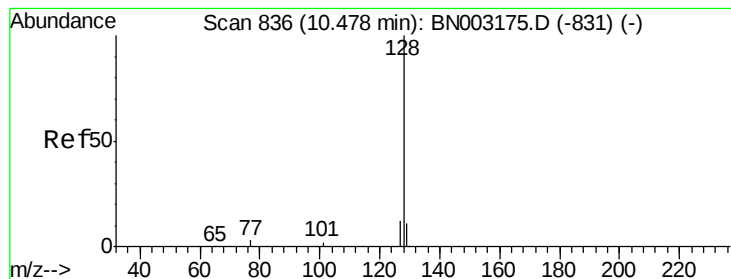


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.004 ng

RT: 10.52 min Scan# 839

Delta R.T. 0.04 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

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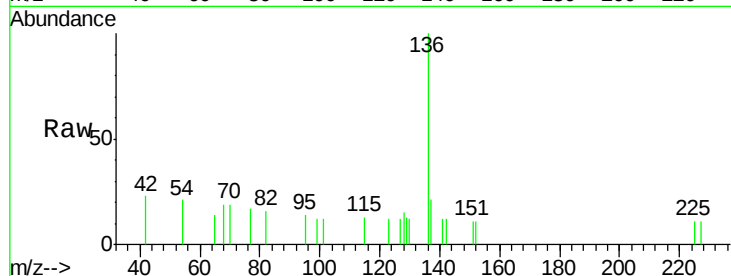
Tgt Ion:128 Resp: 40

Ion Ratio Lower Upper

128 100

129 88.1 9.8 14.6#

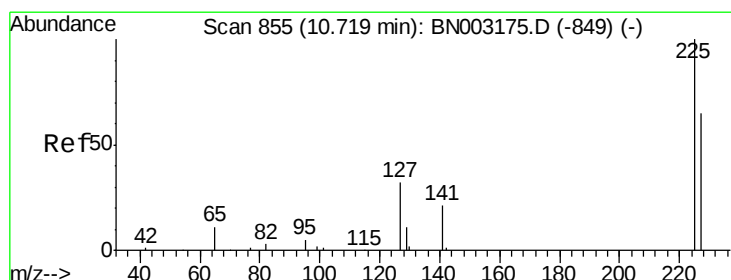
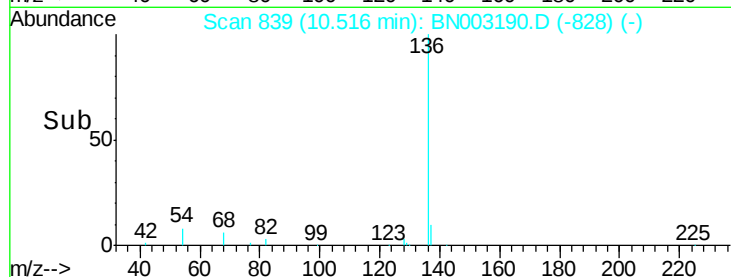
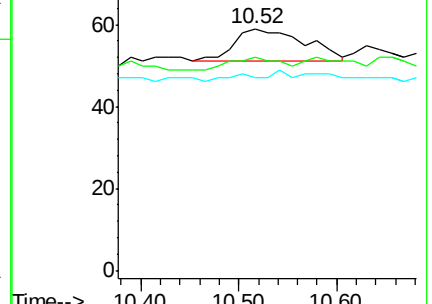
127 79.7 11.4 17.2#



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: 10.74 min Scan# 857

Delta R.T. 0.03 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

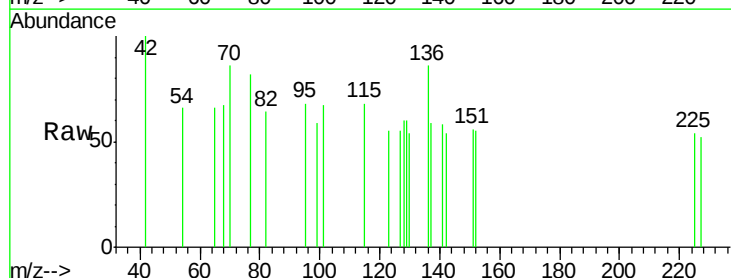
Tgt Ion:225 Resp: 1

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

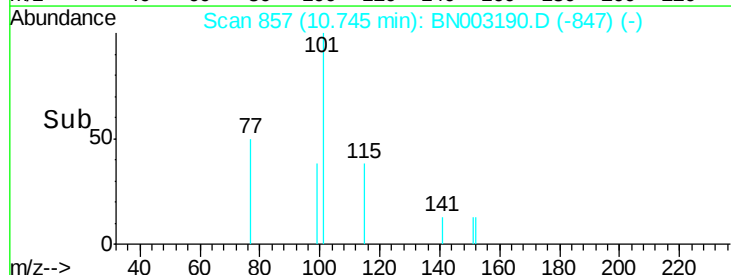
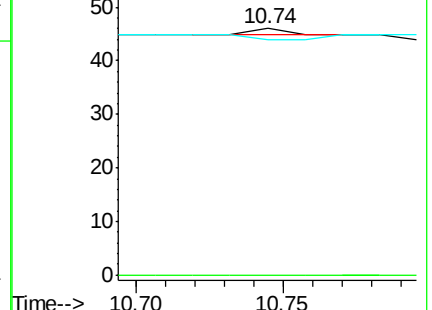
227 0.0 51.8 77.8#

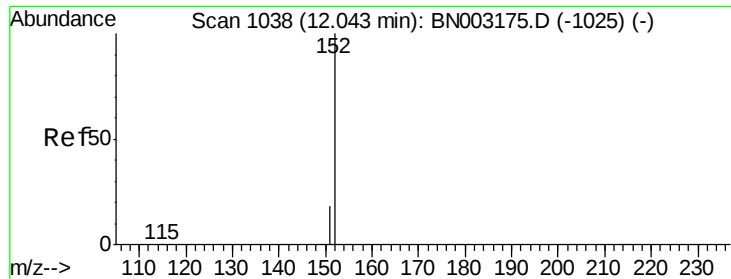


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

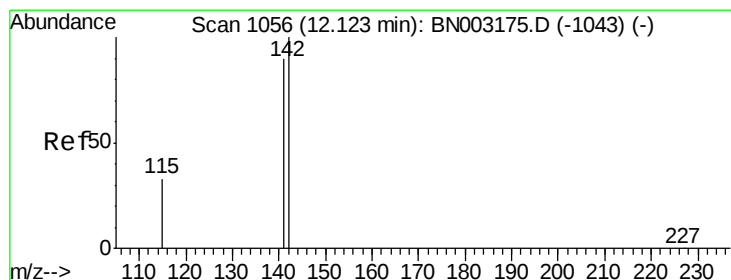
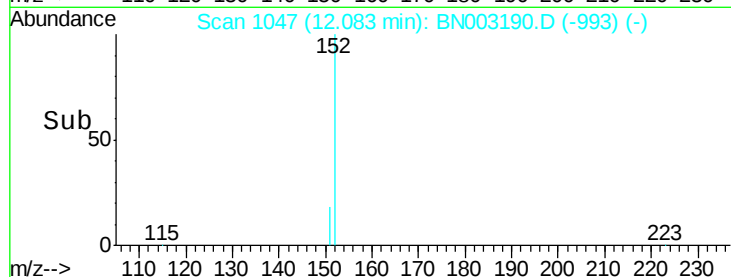
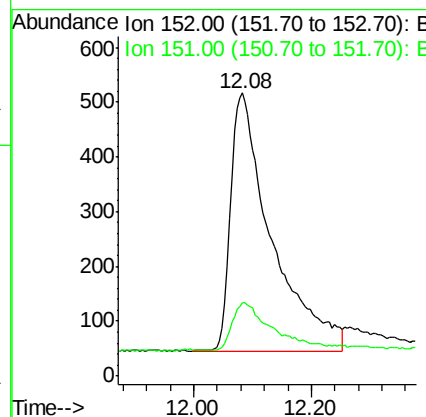
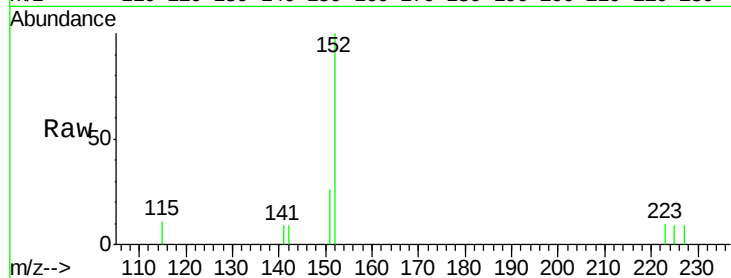




#11
 2-Methylnaphthalene-d10
 Concen: 0.365 ng
 RT: 12.08 min Scan# 1047
 Delta R.T. 0.04 min
 Lab File: BN003190.D
 Acq: 17 Oct 2018 21:13

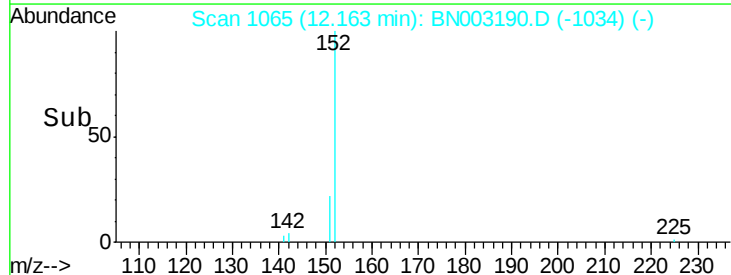
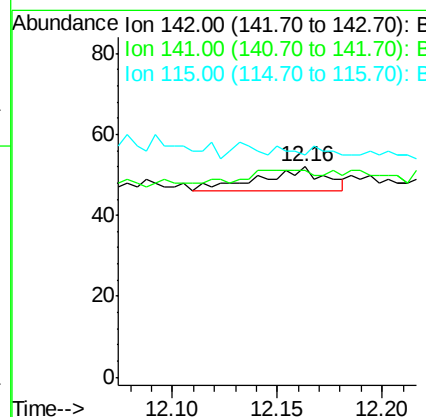
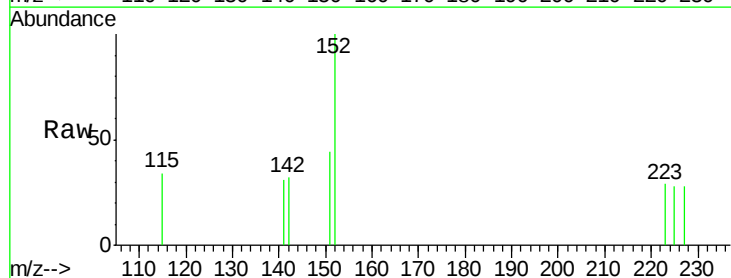
Instrument :
 BNA_N
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 BP-TT-ERB02-20181005

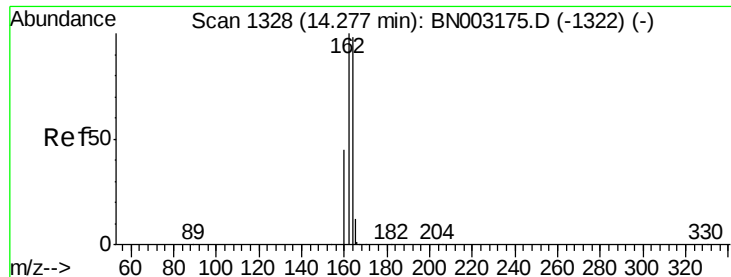
Tgt Ion:152 Resp: 2274
 Ion Ratio Lower Upper
 152 100
 151 18.1 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.002 ng
 RT: 12.16 min Scan# 1065
 Delta R.T. 0.04 min
 Lab File: BN003190.D
 Acq: 17 Oct 2018 21:13

Tgt Ion:142 Resp: 13
 Ion Ratio Lower Upper
 142 100
 141 98.1 71.5 107.3
 115 105.8 28.1 42.1#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1330

Delta R.T. 0.02 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Instrument :

BNA_N

ClientSampleId :

BP-TT-ERB02-20181005

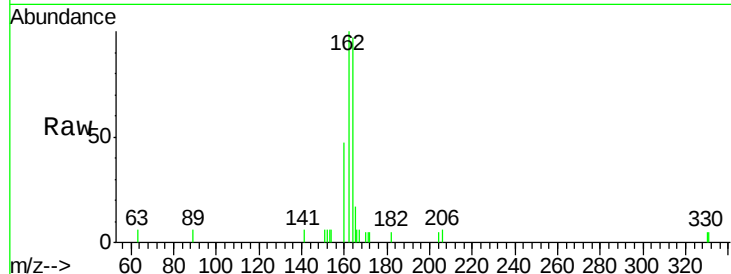
Tgt Ion:164 Resp: 2656

Ion Ratio Lower Upper

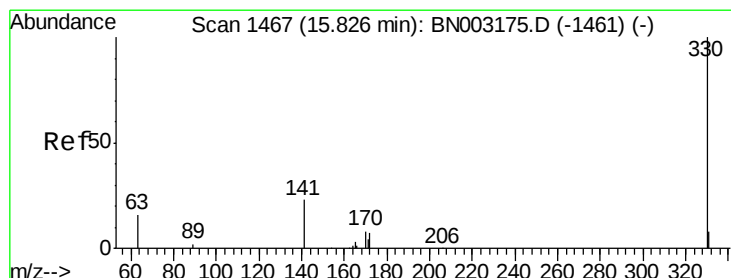
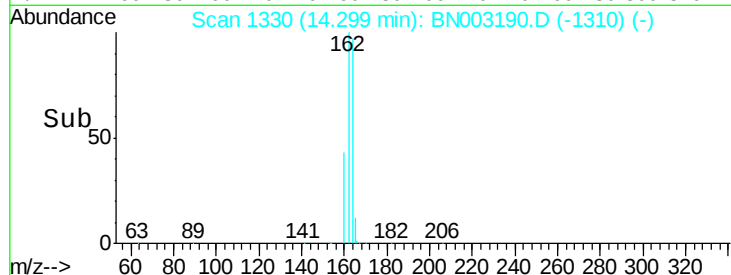
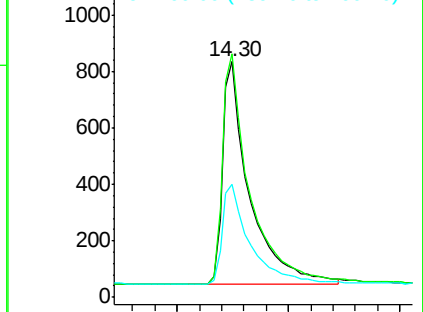
164 100

162 103.4 81.7 122.5

160 48.1 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: 0.009 ng

RT: 15.87 min Scan# 1471

Delta R.T. 0.04 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

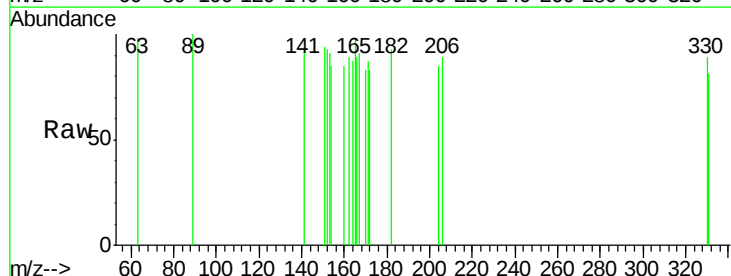
Tgt Ion:330 Resp: 15

Ion Ratio Lower Upper

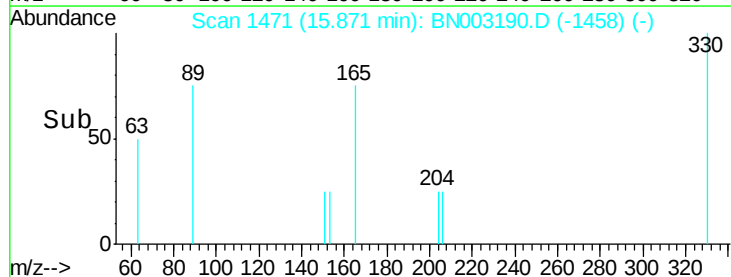
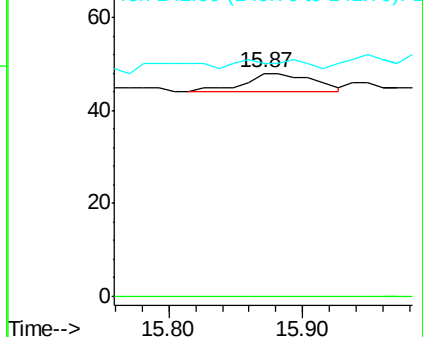
330 100

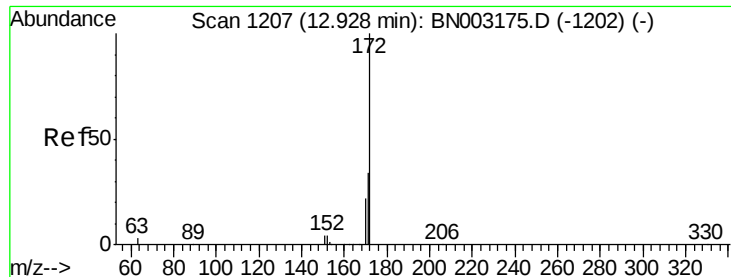
332 0.0 0.0 0.0

141 20.0 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

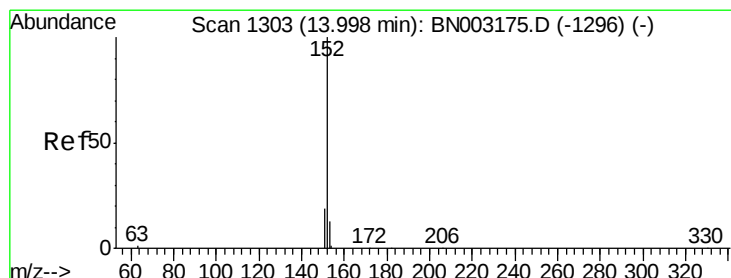
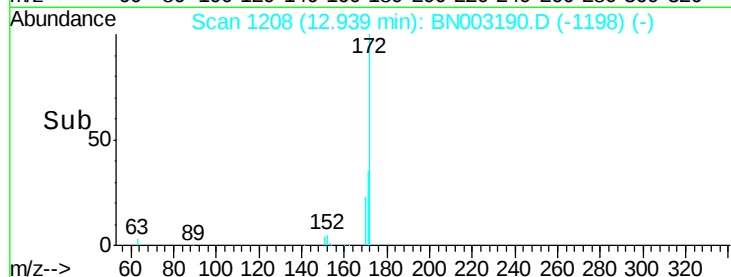
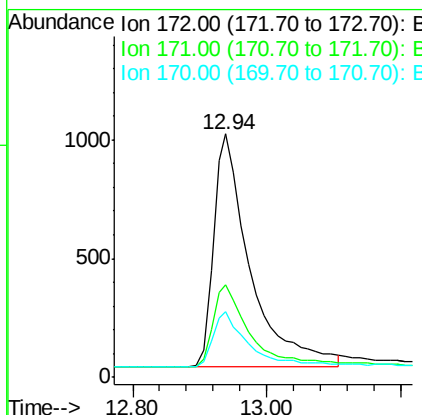
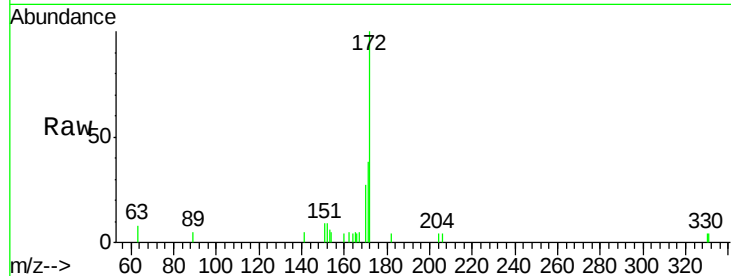




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.94 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BN003190.D
Acq: 17 Oct 2018 21:13

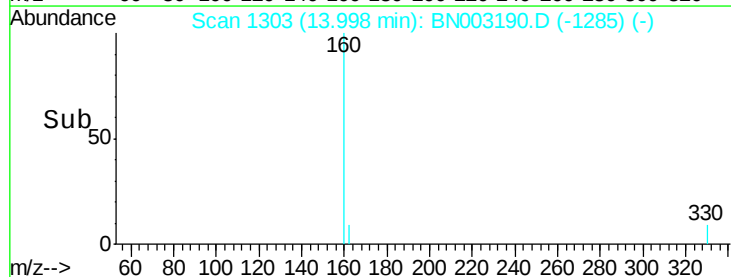
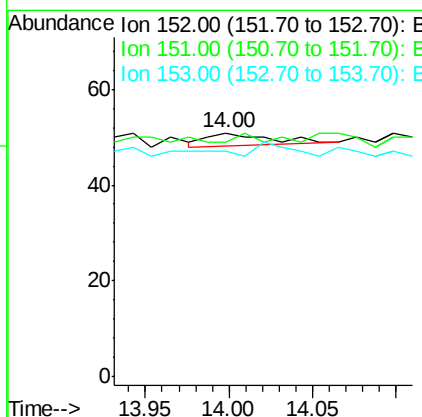
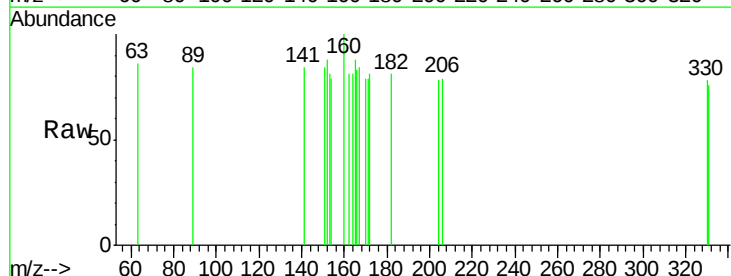
Instrument :
BNA_N
ClientSampleId :
BP-TT-ERB02-20181005

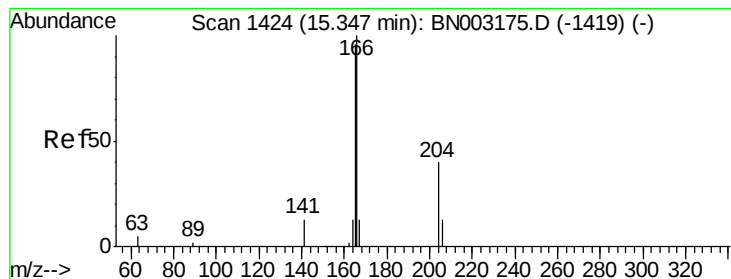
Tgt Ion:172 Resp: 3721
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 26.7 18.6 27.8



#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.00 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BN003190.D
Acq: 17 Oct 2018 21:13

Tgt Ion:152 Resp: 7
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 0.0 10.6 16.0#





#18

Fluorene

Concen: 0.002 ng

RT: 15.40 min Scan# 1429

Delta R.T. 0.06 min

Lab File: BN003190.D

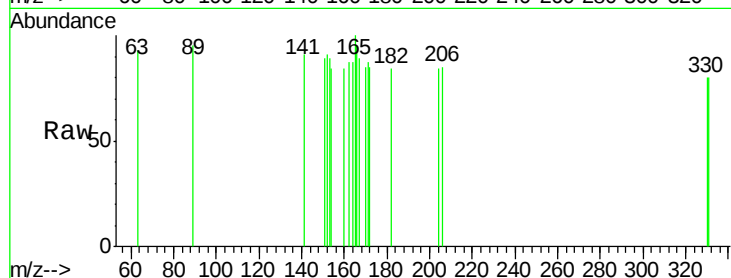
Acq: 17 Oct 2018 21:13

Instrument :

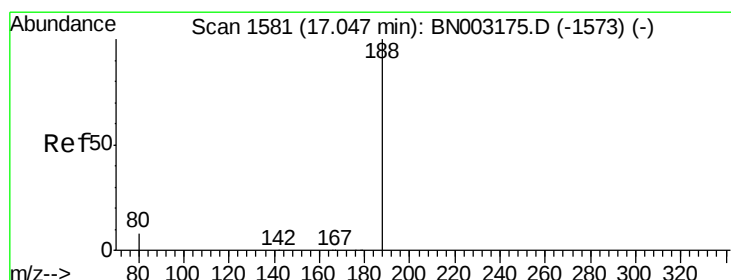
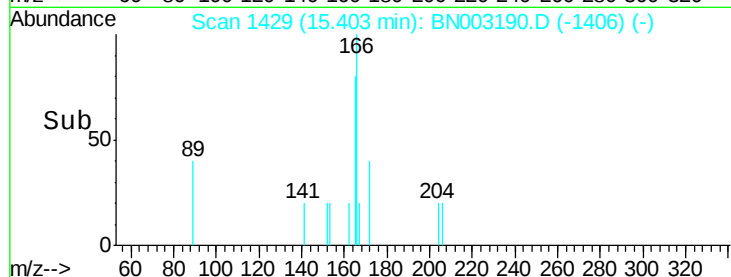
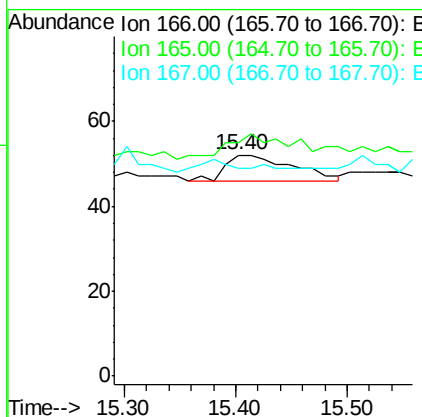
BNA_N

ClientSampleId :

BP-TT-ERB02-20181005



Tgt Ion:	166	Resp:	25
Ion	Ratio	Lower	Upper
166	100		
165	72.0	78.2	117.2#
167	0.0	10.7	16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

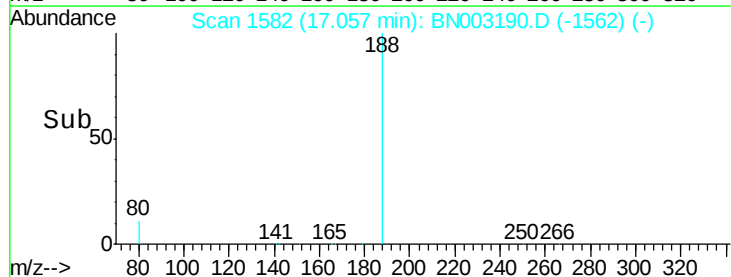
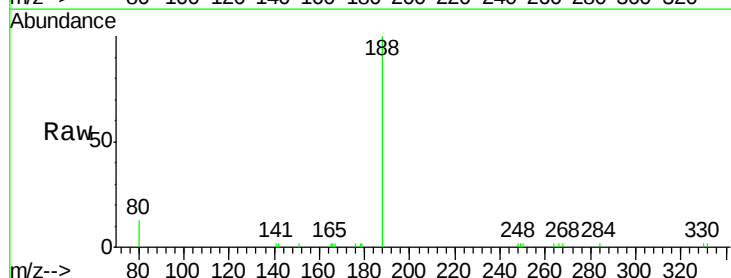
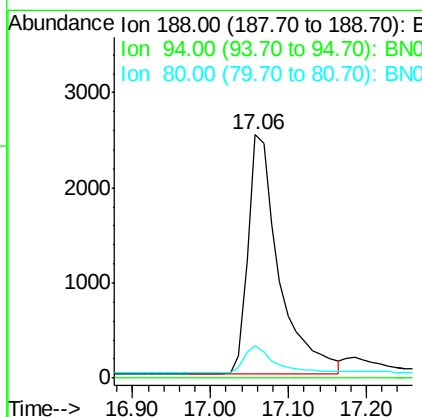
RT: 17.06 min Scan# 1582

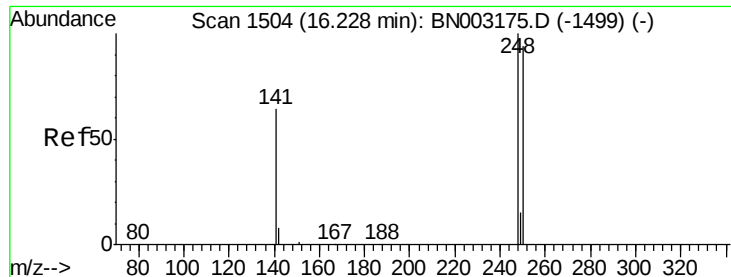
Delta R.T. 0.01 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Tgt Ion:	188	Resp:	7004
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	6.7	10.1#





#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.24 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

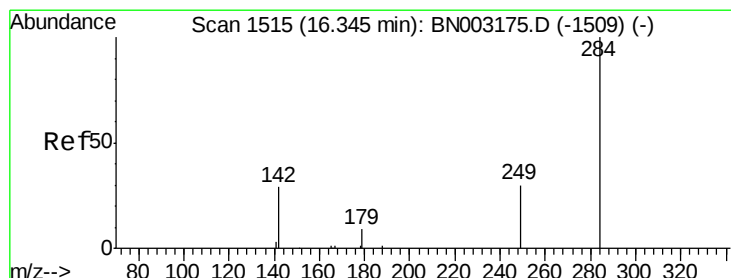
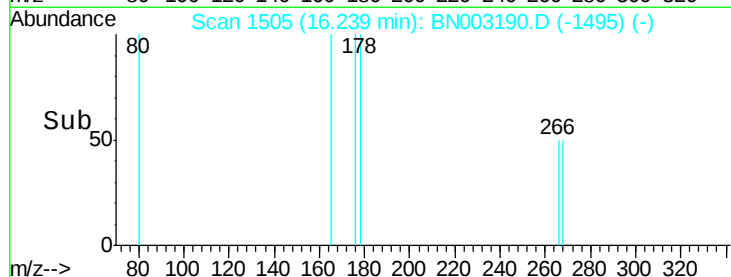
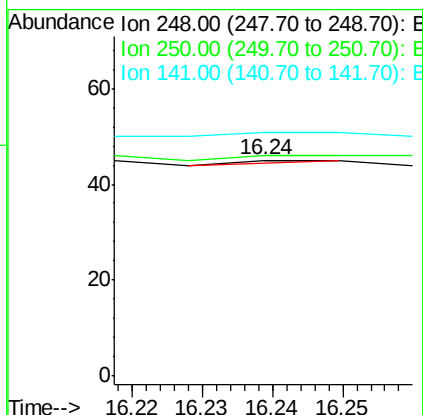
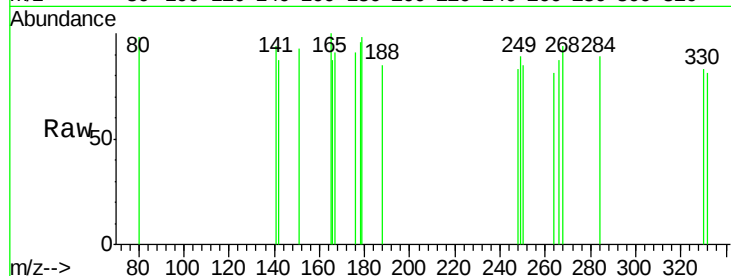
Instrument :

BNA_N

ClientSampleId :

BP-TT-ERB02-20181005

Tgt Ion:	248	Resp:	1
Ion	Ratio	Lower	Upper
248	100		
250	102.2	78.9	118.3
141	113.3	48.5	72.7



#21

Hexachlorobenzene

Concen: 0.000 ng

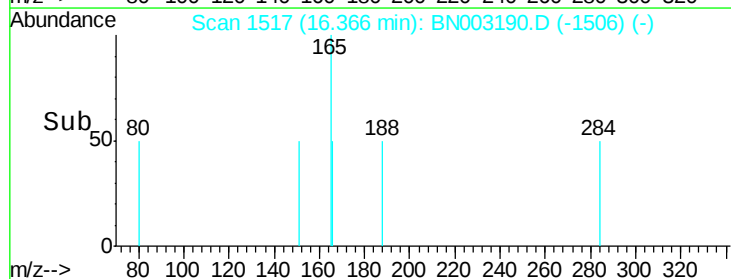
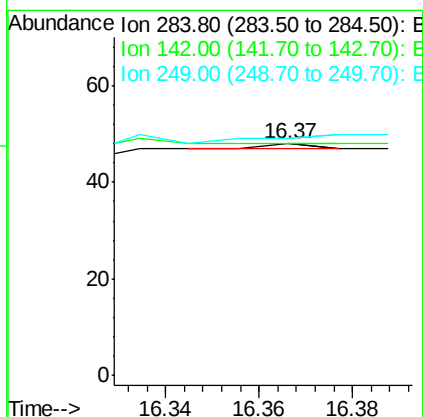
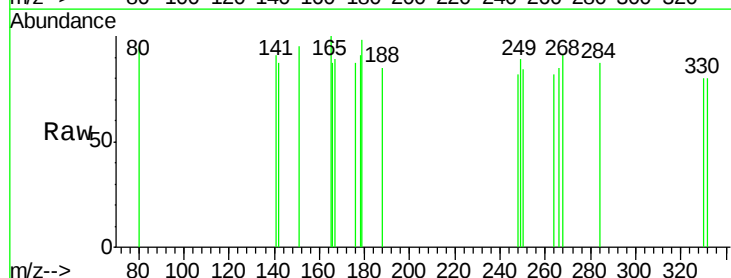
RT: 16.37 min Scan# 1517

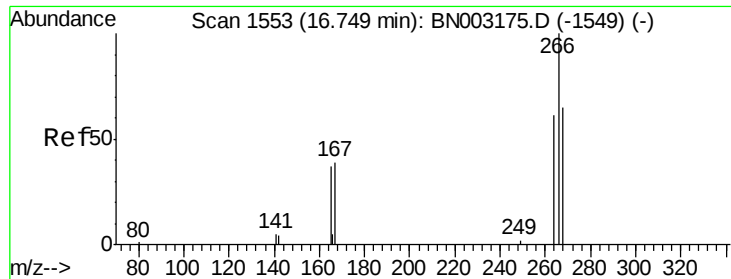
Delta R.T. 0.02 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Tgt Ion:	284	Resp:	1
Ion	Ratio	Lower	Upper
284	100		
142	0.0	24.6	37.0
249	600.0	22.3	33.5





#22

Pentachlorophenol

Concen: 0.089 ng

RT: 16.79 min Scan# 1557

Delta R.T. 0.04 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

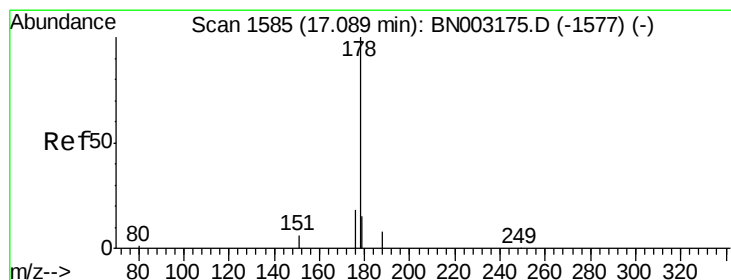
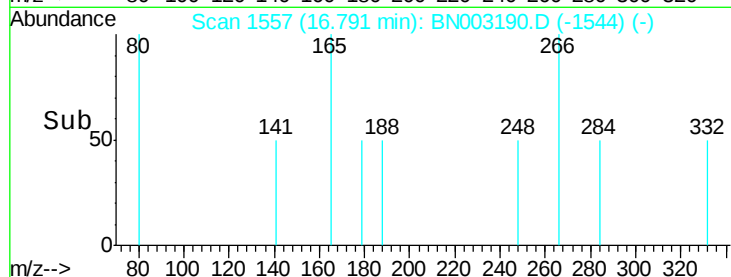
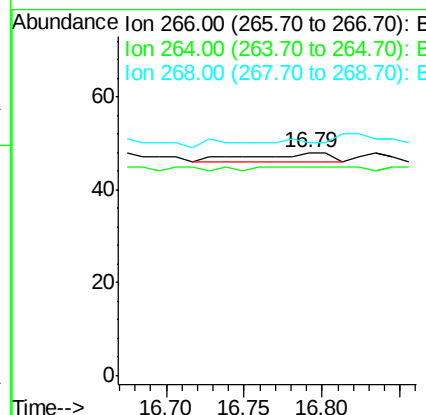
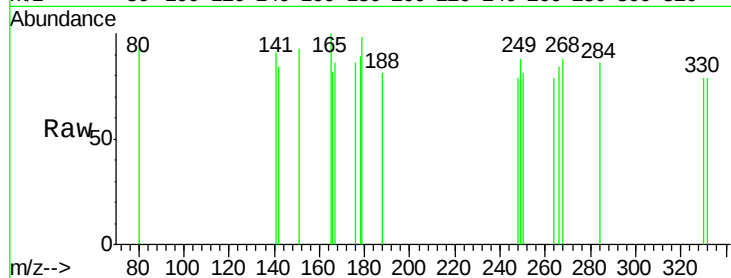
Instrument :

BNA_N

ClientSampleId :

BP-TT-ERB02-20181005

Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	93.8	55.0	82.4#
268	104.2	60.6	91.0#



#23

Phenanthrene

Concen: 0.013 ng

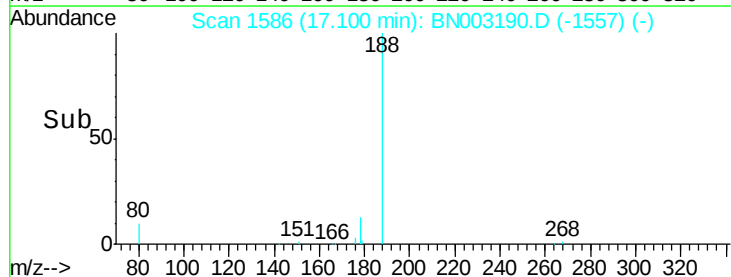
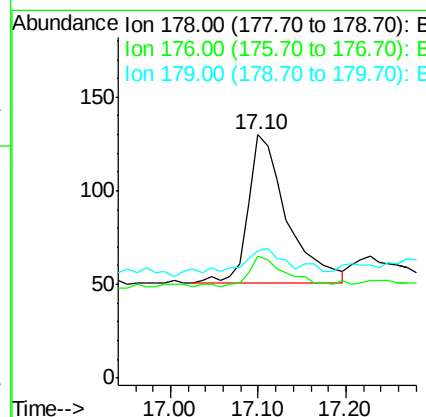
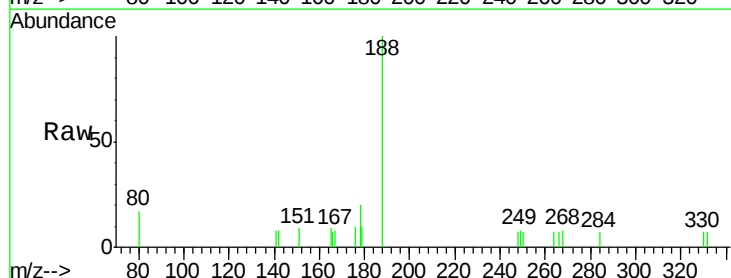
RT: 17.10 min Scan# 1586

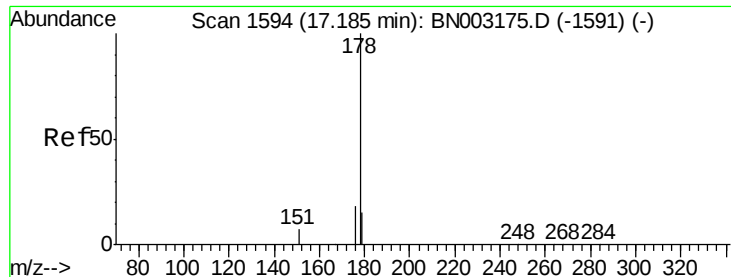
Delta R.T. 0.01 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Tgt Ion:	178	Resp:	240
Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.9	22.3
179	18.8	12.3	18.5#





#24

Anthracene

Concen: 0.003 ng

RT: 17.23 min Scan# 1598

Delta R.T. 0.04 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Instrument :

BNA_N

ClientSampleId :

BP-TT-ERB02-20181005

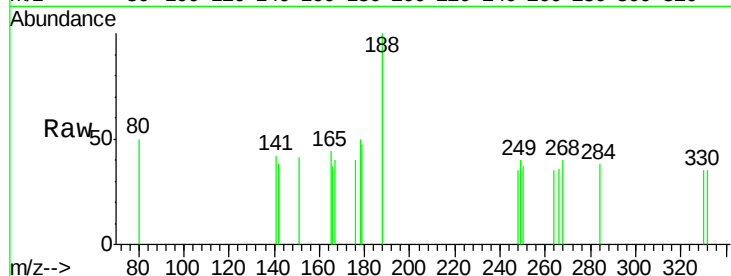
Tgt Ion:178 Resp: 46

Ion Ratio Lower Upper

178 100

176 23.9 14.6 22.0#

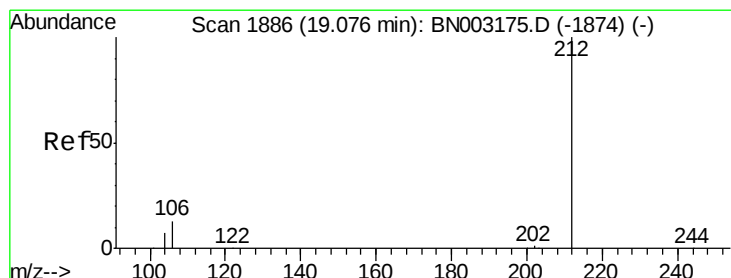
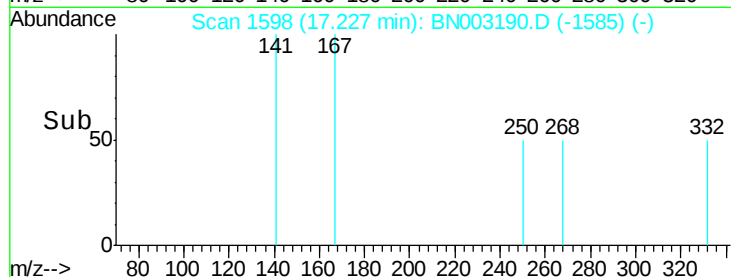
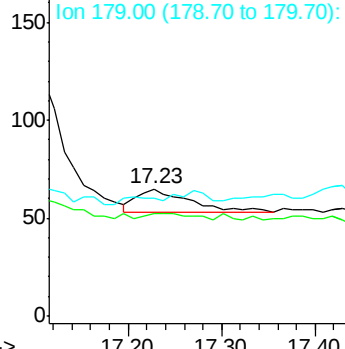
179 0.0 12.3 18.5#



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: 0.441 ng

RT: 19.09 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

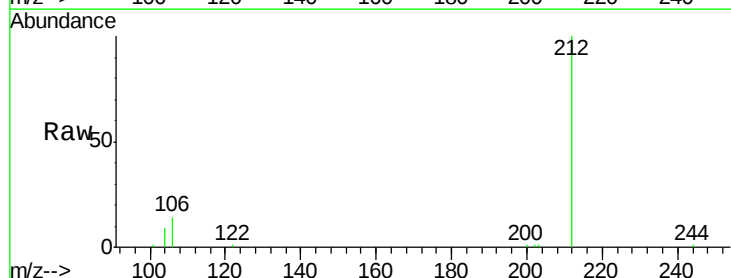
Tgt Ion:212 Resp: 9582

Ion Ratio Lower Upper

212 100

106 13.3 10.2 15.4

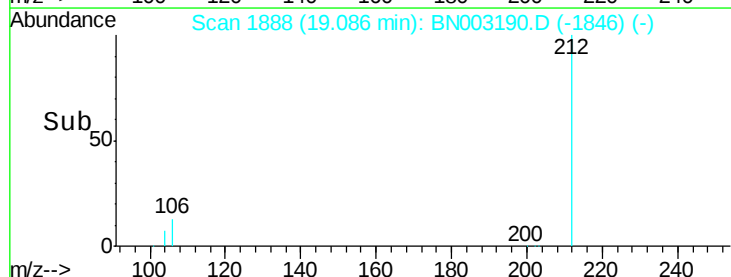
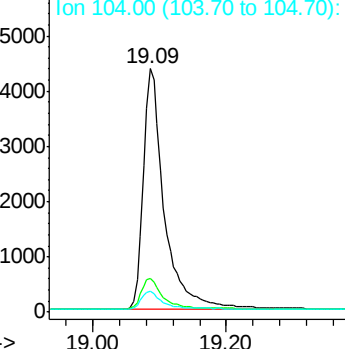
104 7.1 5.8 8.6

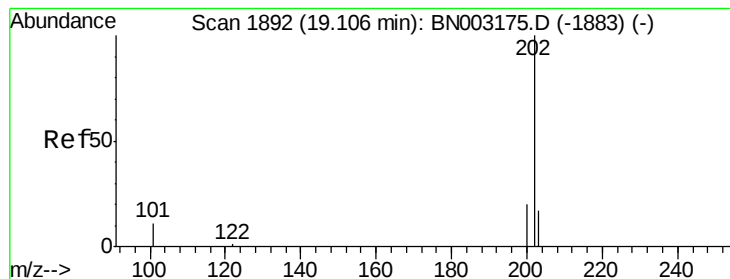


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.010 ng

RT: 19.12 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Instrument :

BNA_N

ClientSampleId :

BP-TT-ERB02-20181005

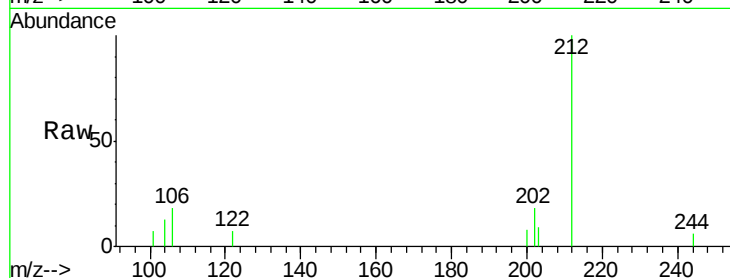
Tgt Ion:202 Resp: 242

Ion Ratio Lower Upper

202 100

101 9.1 8.6 12.8

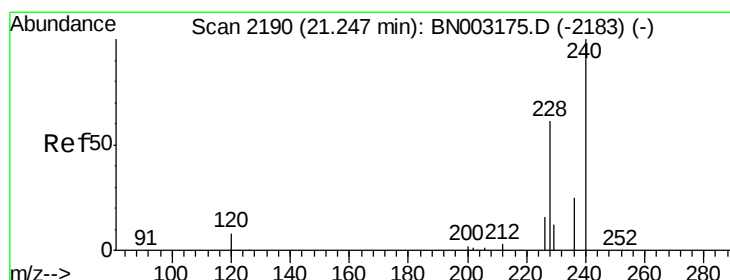
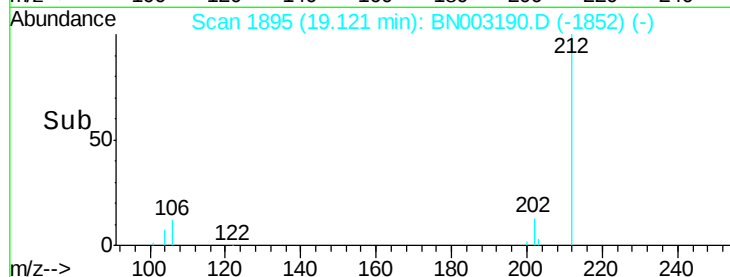
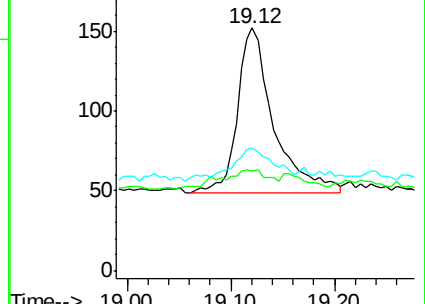
203 24.4 13.7 20.5#



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: 21.26 min Scan# 2191

Delta R.T. 0.01 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

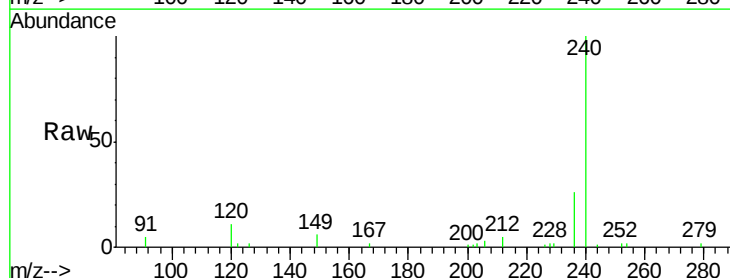
Tgt Ion:240 Resp: 10240

Ion Ratio Lower Upper

240 100

120 11.2 7.8 11.8

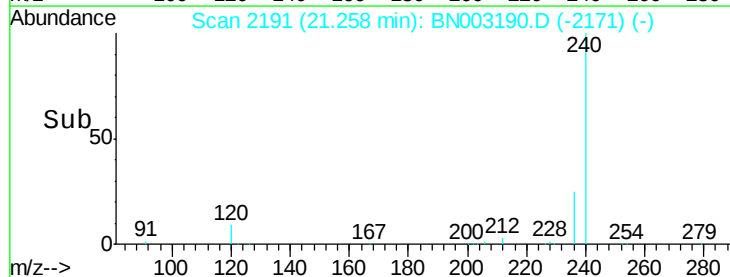
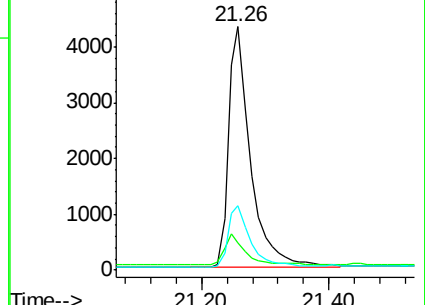
236 26.3 21.0 31.4

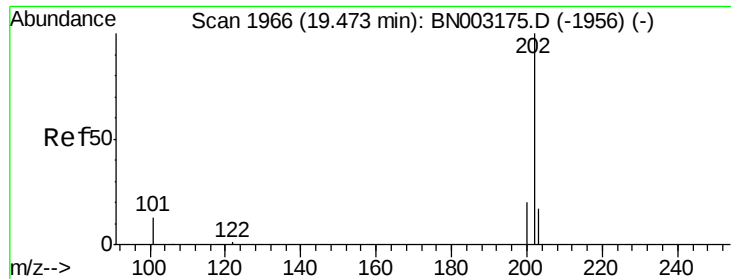


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.006 ng

RT: 19.49 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Instrument :

BNA_N

ClientSampleId :

BP-TT-ERB02-20181005

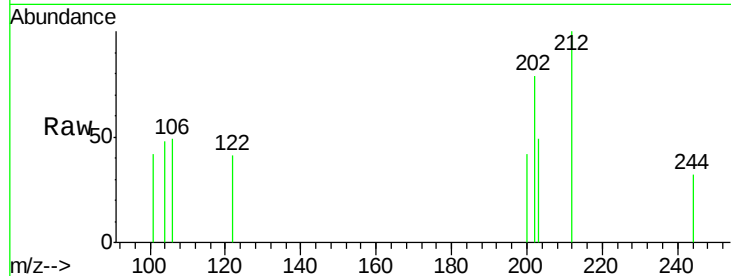
Tgt Ion:202 Resp: 162

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

203 20.4 14.2 21.2

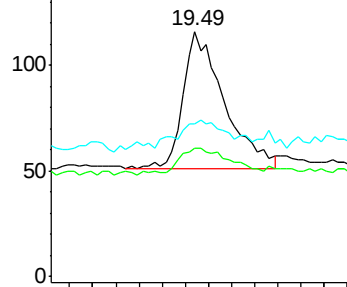


Abundance

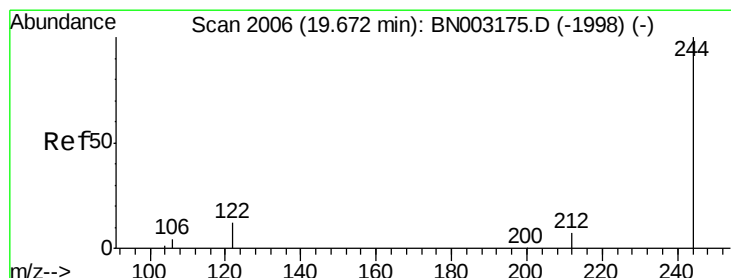
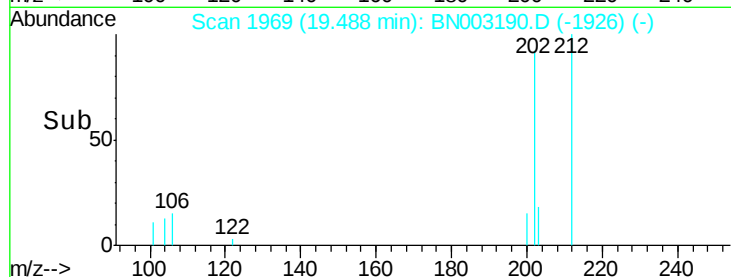
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#29

Terphenyl-d14

Concen: 0.377 ng

RT: 19.67 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

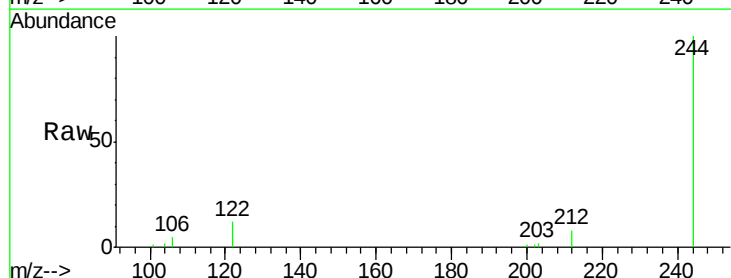
Tgt Ion:244 Resp: 8364

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

122 12.3 9.1 13.7

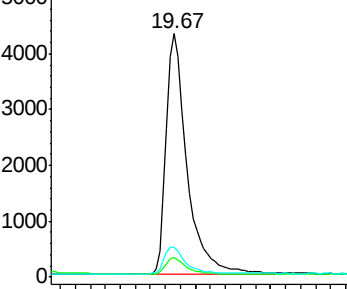


Abundance

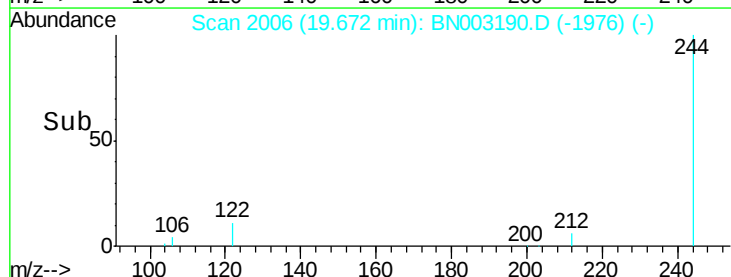
Ion 244.00 (243.70 to 244.70): E

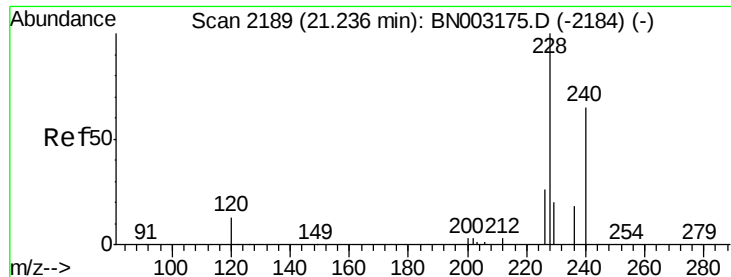
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#30

Benzo(a)anthracene

Concen: 0.009 ng

RT: 21.29 min Scan# 2194

Delta R.T. 0.05 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Instrument :

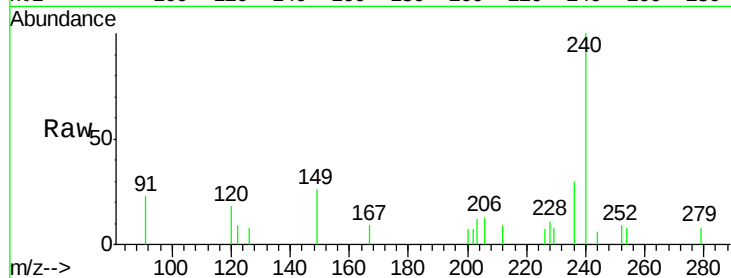
BNA_N

ClientSampleId :

BP-TT-ERB02-20181005

Tgt Ion:228 Resp: 247

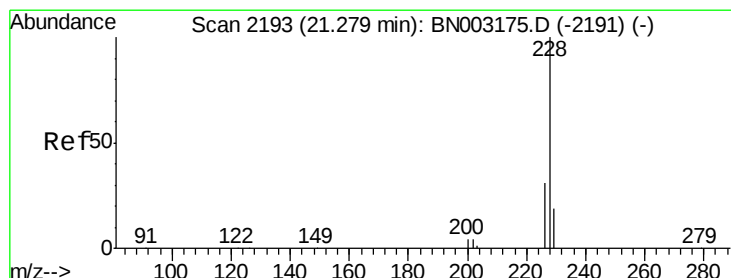
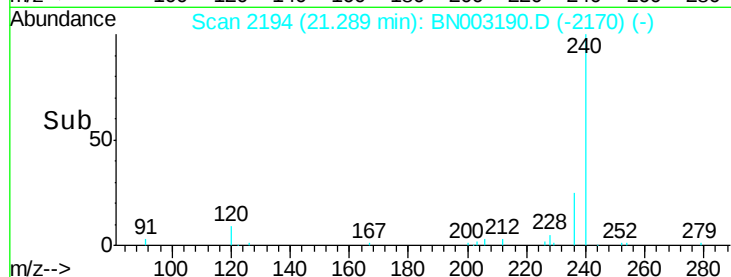
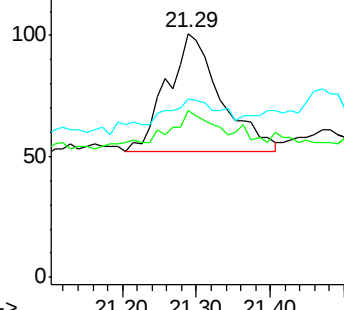
Ion	Ratio	Lower	Upper
228	100		
226	68.3	21.4	32.2#
229	73.3	16.4	24.6#



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: 0.007 ng

RT: 21.29 min Scan# 2194

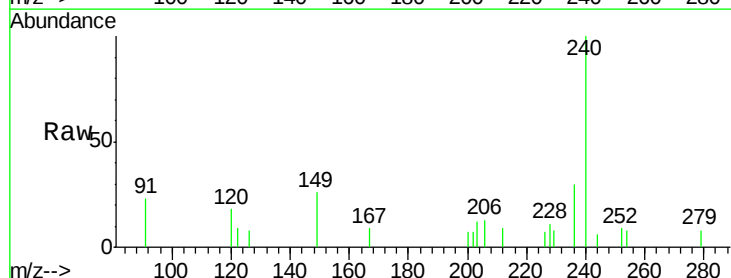
Delta R.T. 0.01 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Tgt Ion:228 Resp: 207

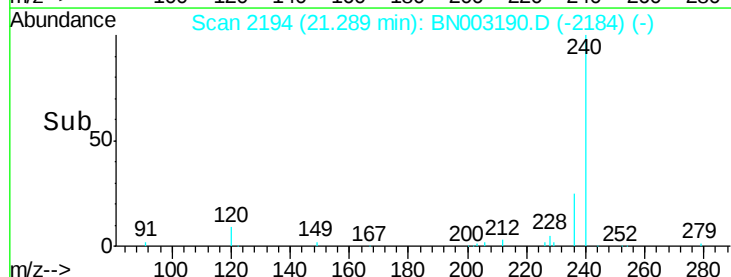
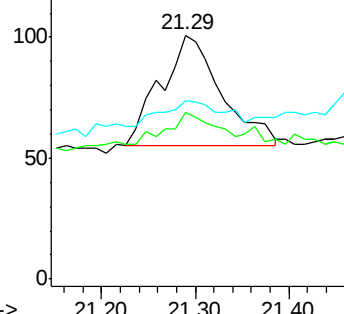
Ion	Ratio	Lower	Upper
228	100		
226	68.3	23.1	34.7#
229	73.3	15.9	23.9#

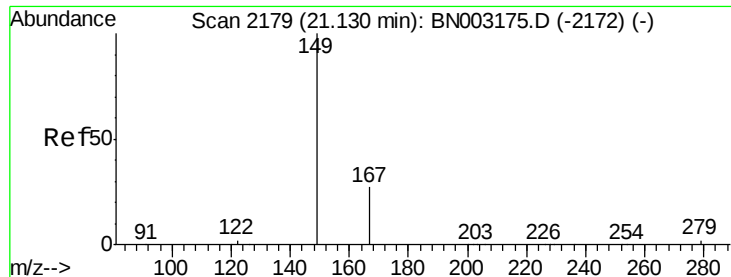


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

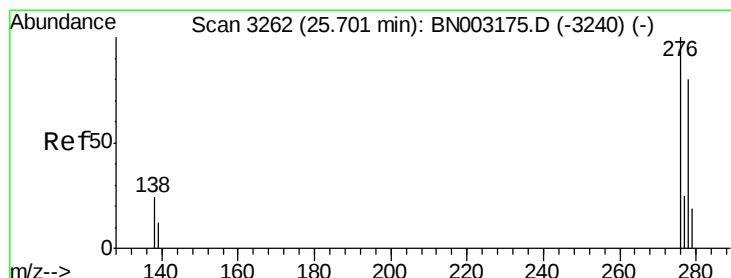
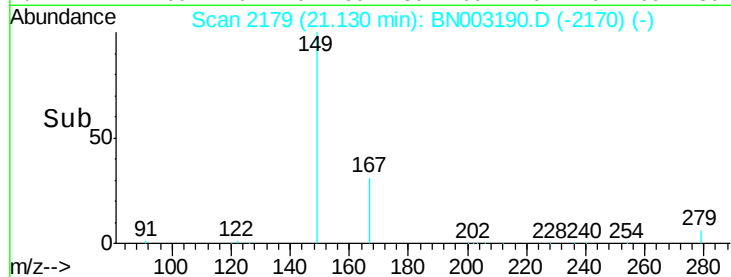
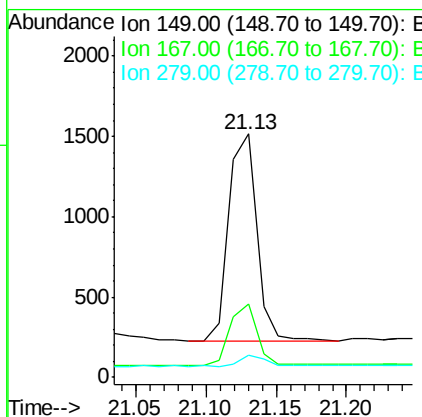
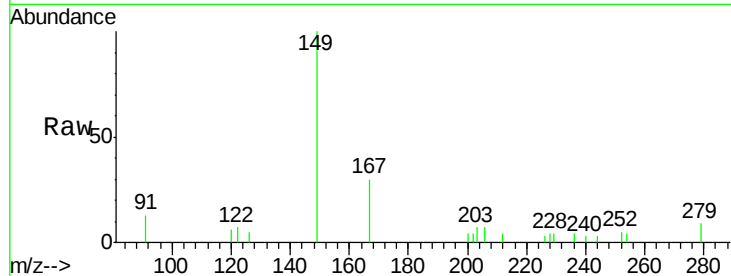




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.115 ng
 RT: 21.13 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BN003190.D
 Acq: 17 Oct 2018 21:13

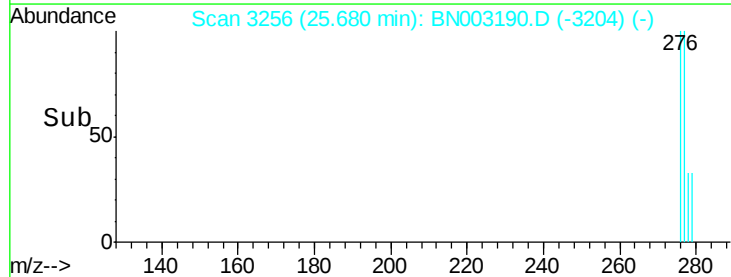
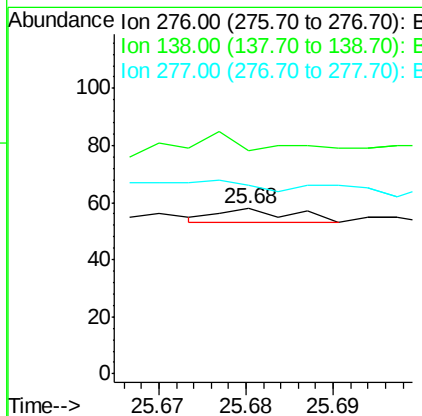
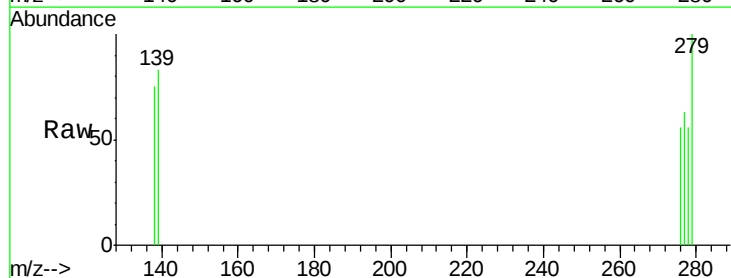
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-ERB02-20181005

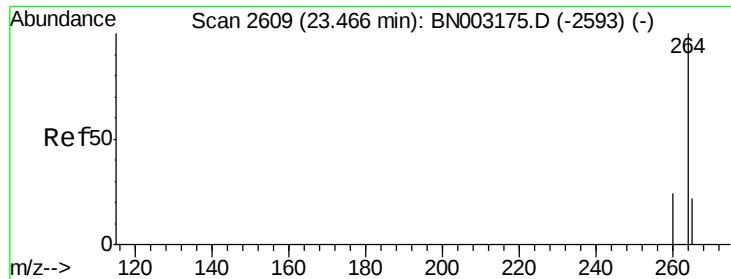
Tgt Ion:149 Resp: 1780
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.2 33.4
 279 5.3 3.7 5.5



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.000 ng
 RT: 25.68 min Scan# 3256
 Delta R.T. -0.02 min
 Lab File: BN003190.D
 Acq: 17 Oct 2018 21:13

Tgt Ion:276 Resp: 3
 Ion Ratio Lower Upper
 276 100
 138 166.7 18.2 27.4#
 277 200.0 20.2 30.4#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.48 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Instrument :

BNA_N

ClientSampleId :

BP-TT-ERB02-20181005

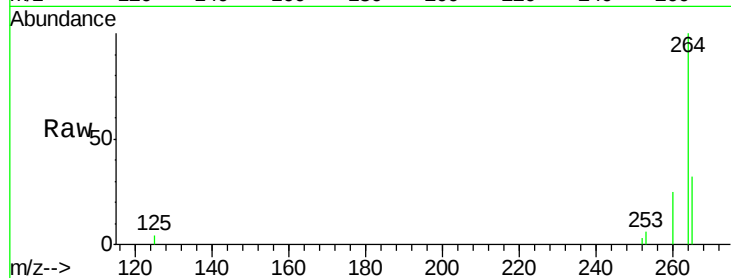
Tgt Ion:264 Resp: 10949

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

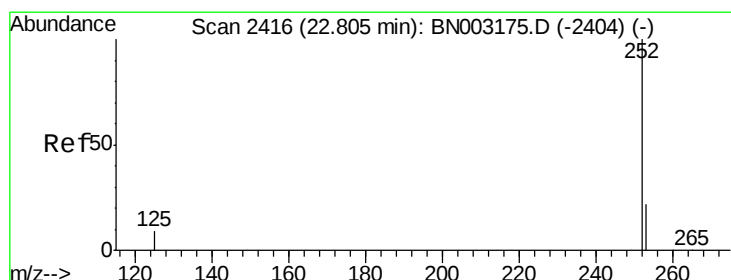
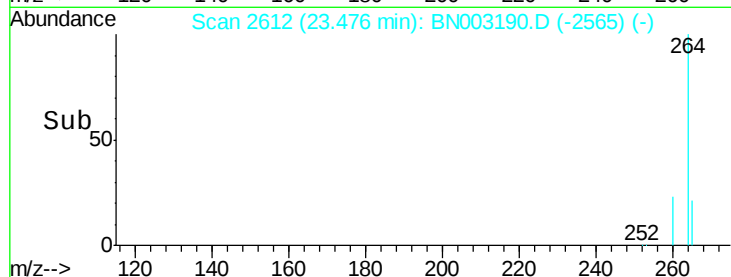
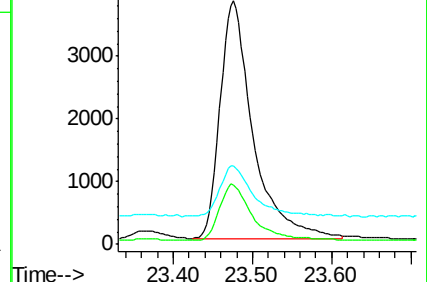
265 32.4 27.6 41.4



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: 0.004 ng

RT: 22.84 min Scan# 2426

Delta R.T. 0.03 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

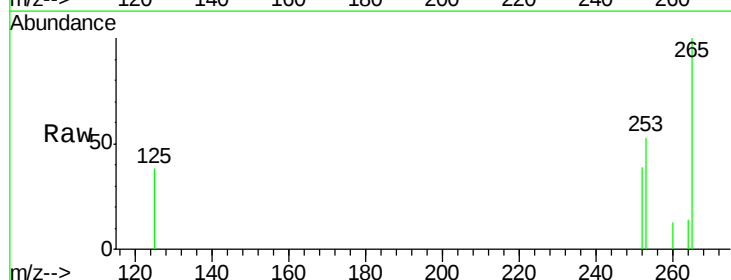
Tgt Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

253 135.1 20.8 31.2#

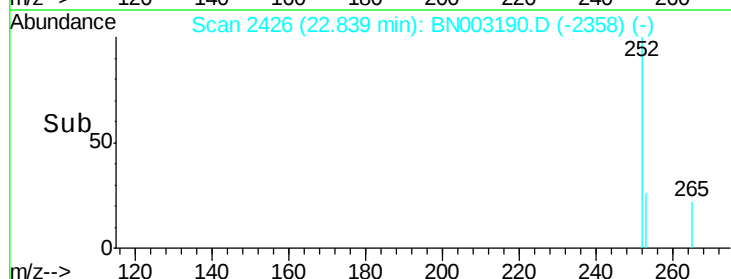
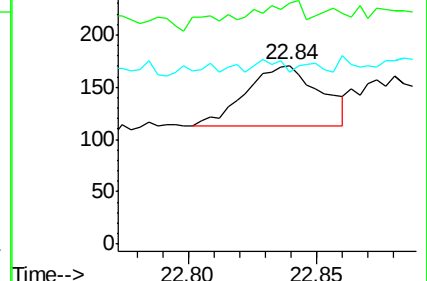
125 96.5 9.6 14.4#

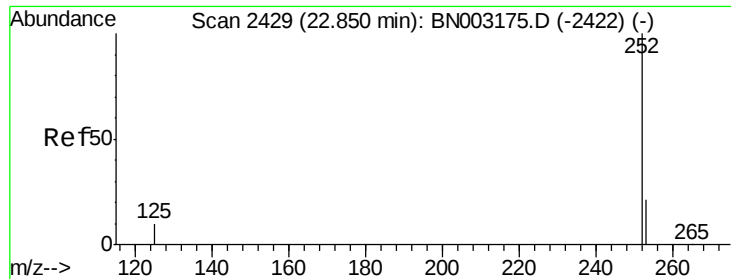


Abundance Ion 252.00 (251.70 to 252.70): E

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: 22.84 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Instrument :

BNA_N

ClientSampleId :

BP-TT-ERB02-20181005

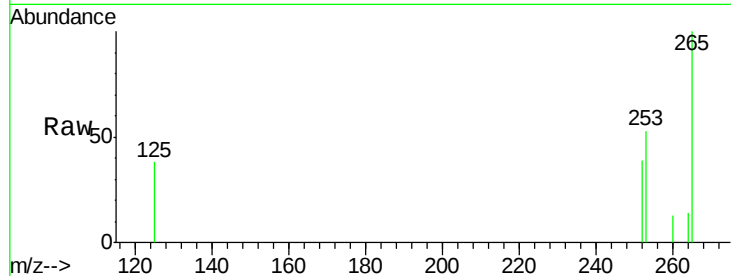
Tgt Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

253 135.1 20.5 30.7#

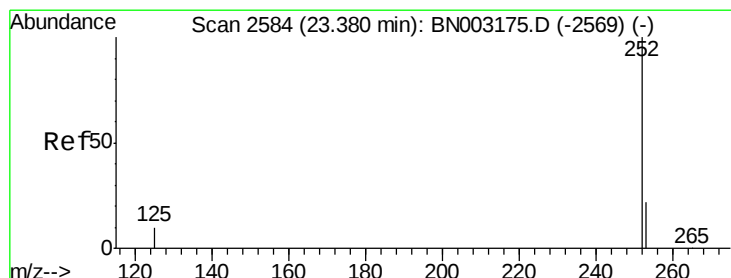
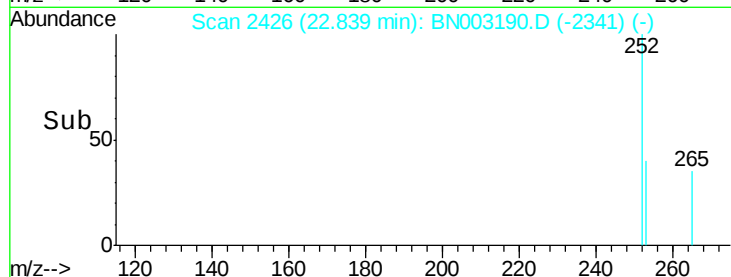
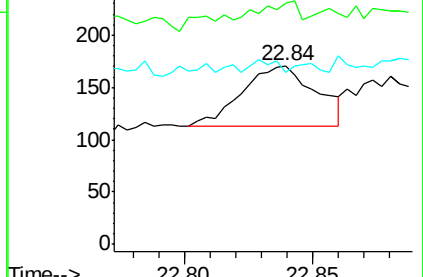
125 96.5 9.4 14.0#



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: 0.001 ng

RT: 23.42 min Scan# 2595

Delta R.T. 0.04 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

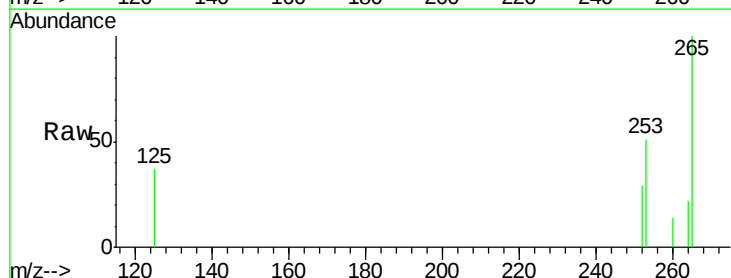
Tgt Ion:252 Resp: 35

Ion Ratio Lower Upper

252 100

253 172.2 22.4 33.6#

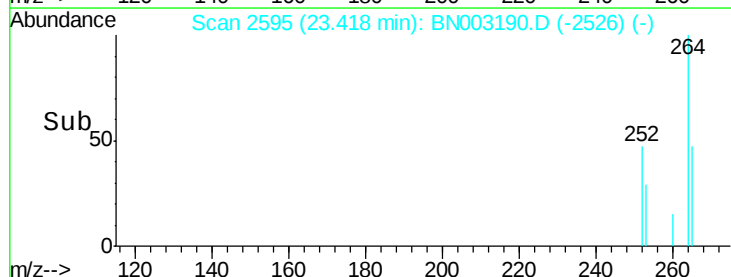
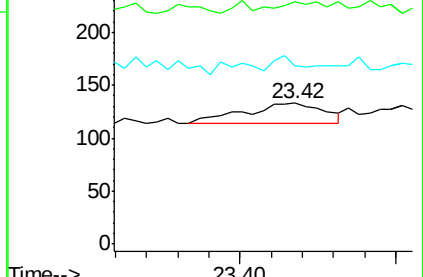
125 127.1 11.4 17.0#

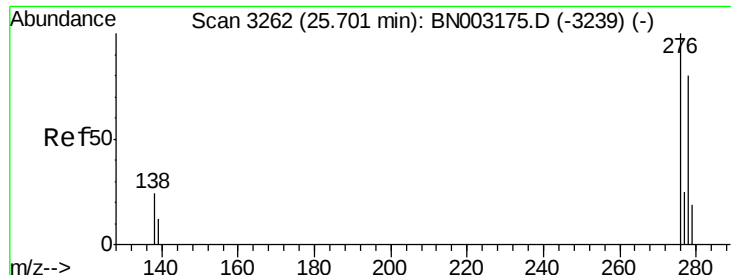


Abundance Ion 252.00 (251.70 to 252.70): E

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: 25.70 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BN003190.D

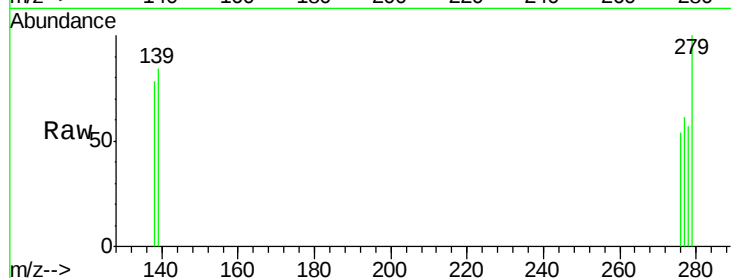
Acq: 17 Oct 2018 21:13

Instrument :

BNA_N

ClientSampleId :

BP-TT-ERB02-20181005



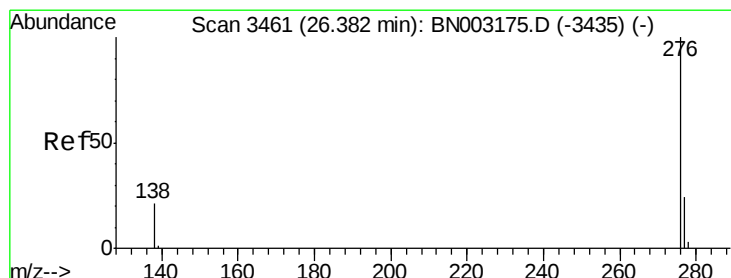
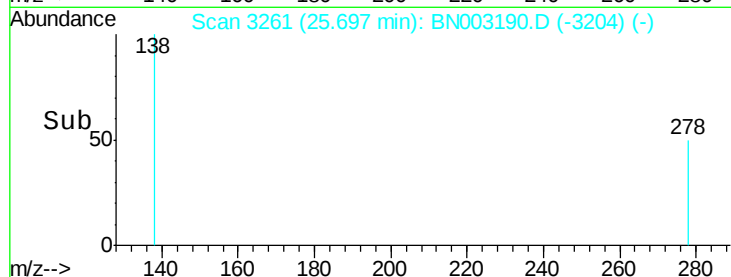
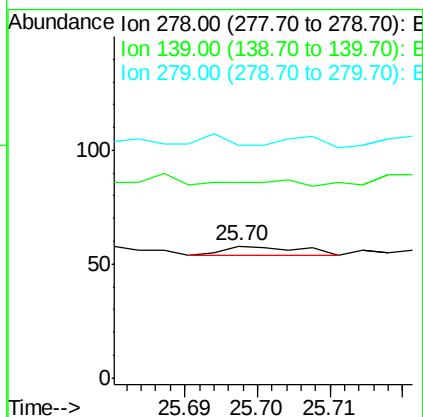
Tgt Ion: 278 Resp: 3

Ion Ratio Lower Upper

278 100

139 148.3 14.6 21.8#

279 175.9 23.1 34.7#



#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 26.40 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BN003190.D

Acq: 17 Oct 2018 21:13

Tgt Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

277 115.5 21.0 31.4#

138 151.7 18.1 27.1#

