

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 15:39:58 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

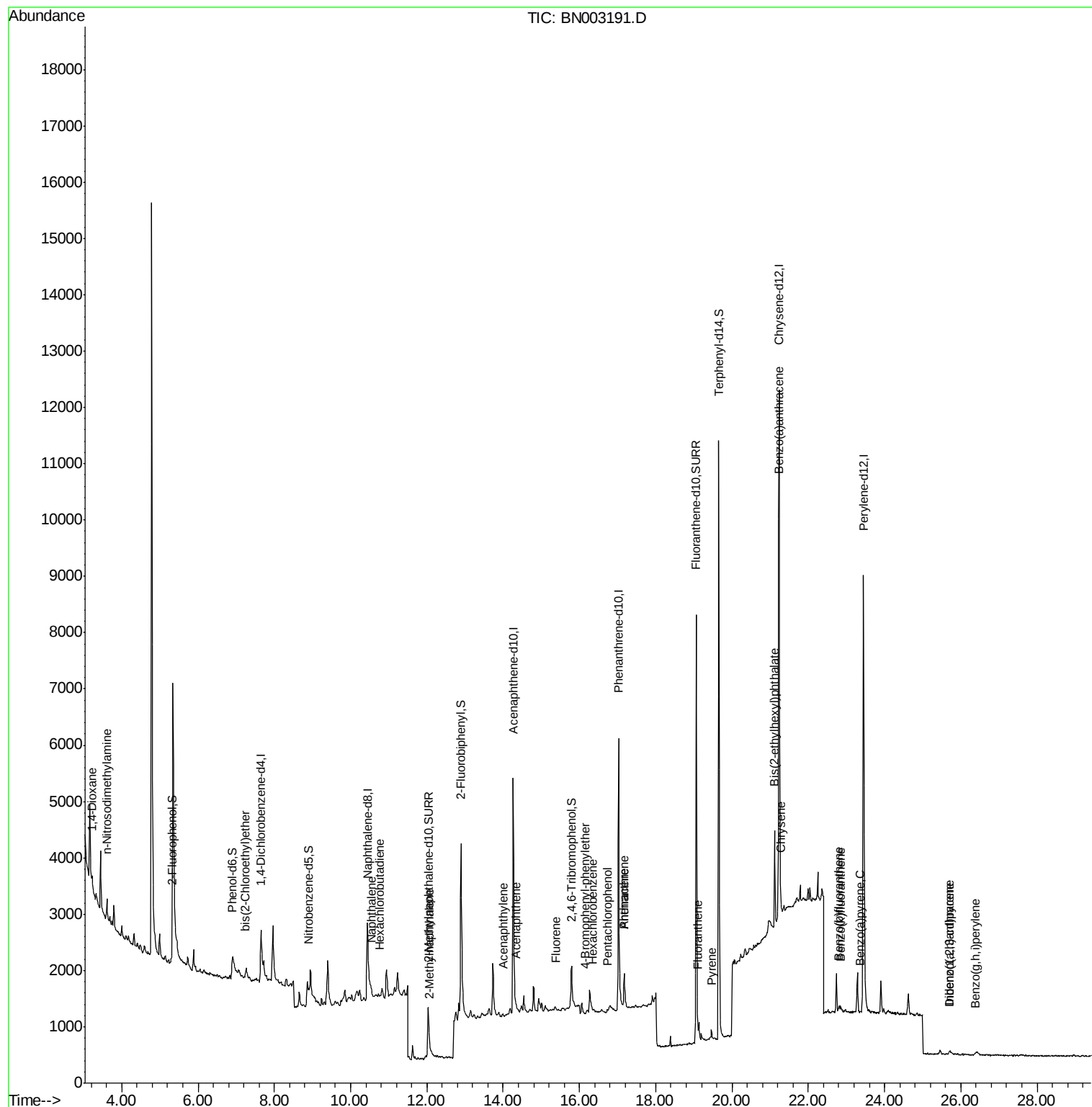
						Qvalue
2) 1,4-Dioxane	3.22	88	159	0.069	ng	# 52
3) n-Nitrosodimethylamine	3.60	42	74	0.251	ng	# 6
6) bis(2-Chloroethyl)ether	7.23	93	5	0.002	ng	# 1
9) Naphthalene	10.54	128	73	0.007	ng	# 1
10) Hexachlorobutadiene	10.77	225	1	0.001	ng	# 18
12) 2-Methylnaphthalene	12.08	142	8	0.001	ng	# 39
16) Acenaphthylene	14.00	152	33	0.002	ng	# 1
17) Acenaphthene	14.33	154	13	0.001	ng	# 38
18) Fluorene	15.38	166	18	0.001	ng	# 1
20) 4-Bromophenyl-phenylether	16.14	248	3	0.001	ng	# 40
21) Hexachlorobenzene	16.34	284	3	0.001	ng	# 35
22) Pentachlorophenol	16.74	266	15	0.095	ng	# 70
23) Phenanthrene	17.17	178	917	0.041	ng	97
24) Anthracene	17.17	178	917	0.045	ng	97
26) Fluoranthene	19.11	202	124	0.004	ng	# 65
28) Pyrene	19.46	202	192	0.006	ng	# 86
30) Benzo(a)anthracene	21.23	228	135	0.005	ng	# 1
31) Chrysene	21.28	228	129	0.004	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.12	149	1655	0.101	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.71	276	98	0.002	ng	# 67
35) Benzo(b)fluoranthene	22.81	252	146	0.005	ng	# 1
36) Benzo(k)fluoranthene	22.85	252	92	0.002	ng	# 1
37) Benzo(a)pyrene	23.37	252	55	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	25.70	278	20	0.001	ng	# 1
39) Benzo(g,h,i)perylene	26.38	276	5	0.000	ng	# 1

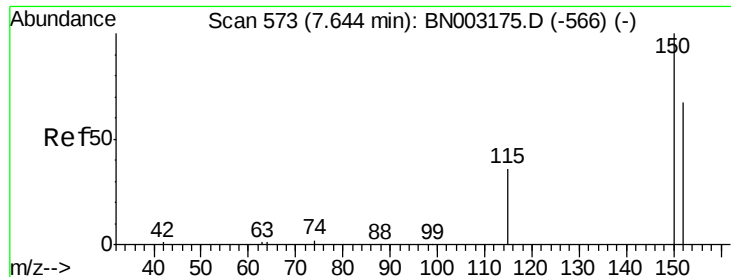
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.65 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

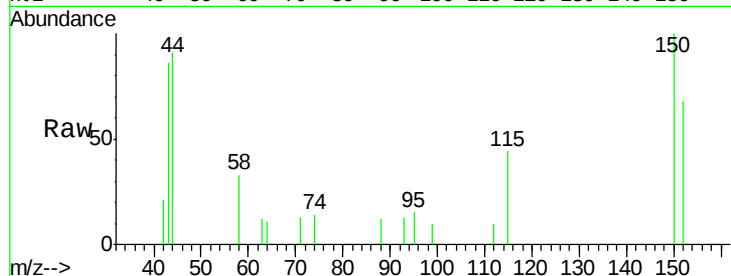
Tgt Ion: 152 Resp: 908

Ion Ratio Lower Upper

152 100

150 147.5 126.2 189.4

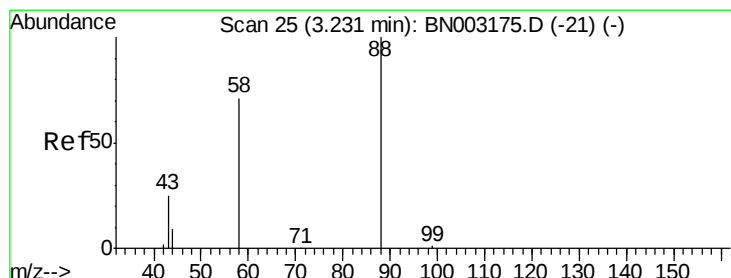
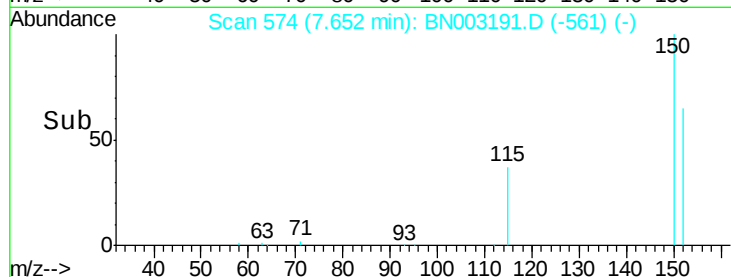
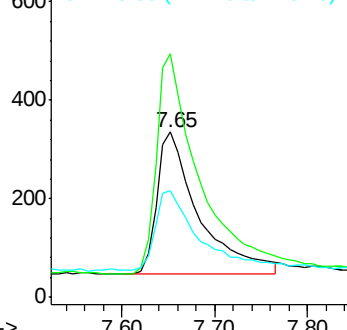
115 64.5 49.8 74.6



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



#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

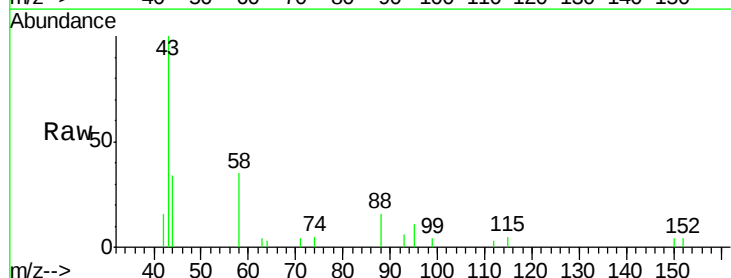
Tgt Ion: 88 Resp: 159

Ion Ratio Lower Upper

88 100

58 124.5 66.7 100.1#

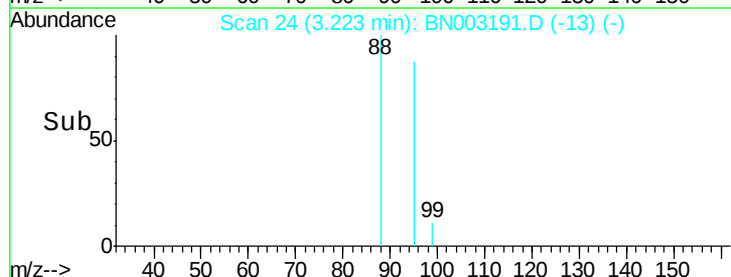
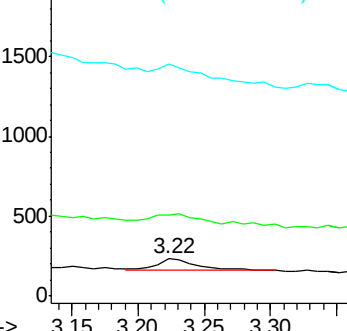
43 0.0 24.6 37.0#

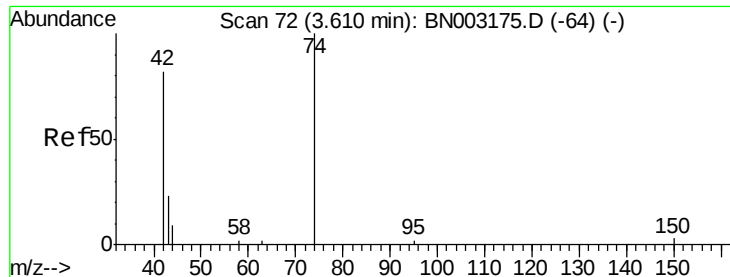


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.251 ng

RT: 3.60 min Scan# 71

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

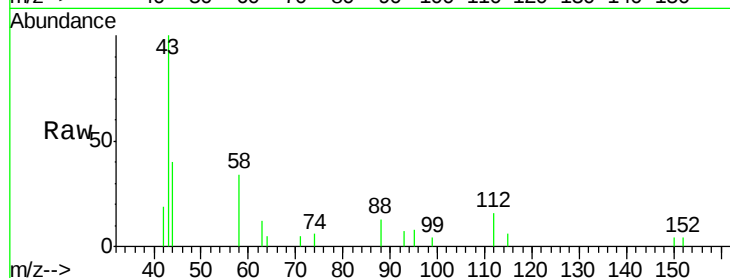
Tgt Ion: 42 Resp: 74

Ion Ratio Lower Upper

42 100

74 20.3 102.9 154.3#

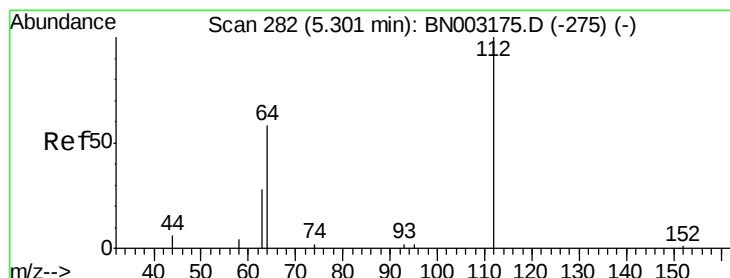
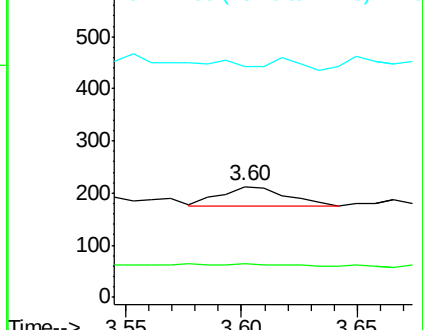
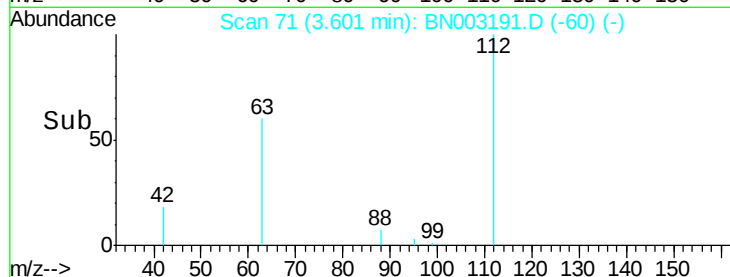
44 24.3 0.0 0.0#



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: 0.186 ng

RT: 5.32 min Scan# 284

Delta R.T. 0.02 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

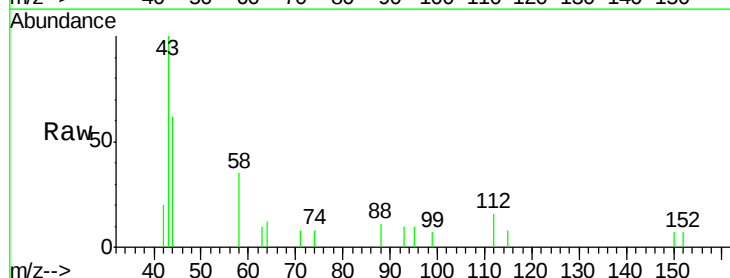
Tgt Ion: 112 Resp: 373

Ion Ratio Lower Upper

112 100

64 67.8 49.0 73.4

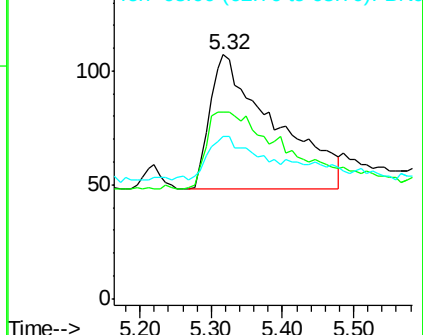
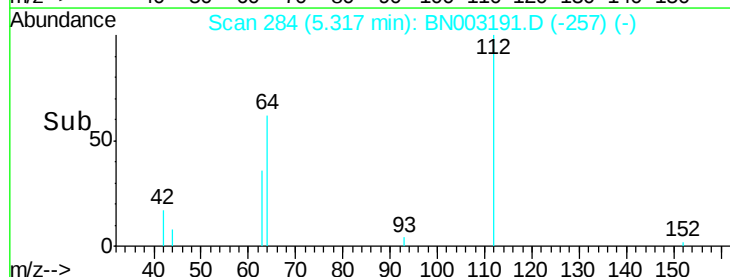
63 24.4 25.9 38.9#

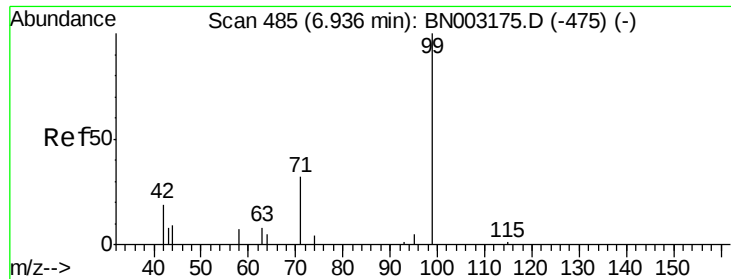


Abundance Ion 112.00 (111.70 to 112.70): BNC

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

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

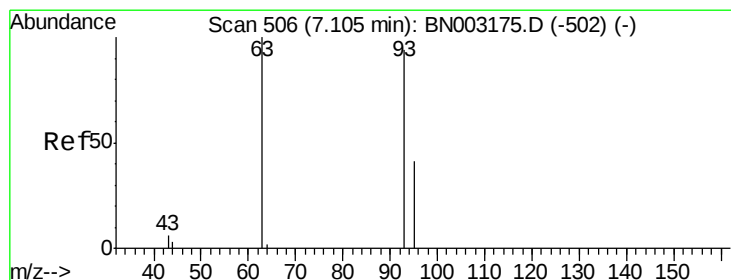
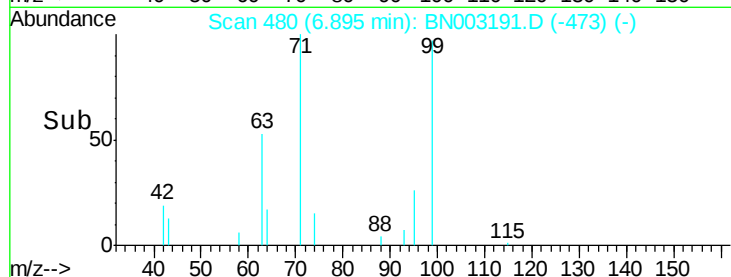
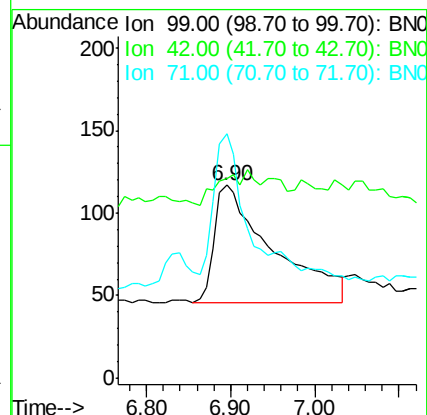
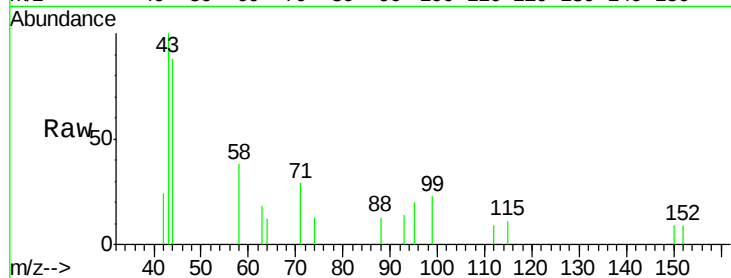
Tgt Ion: 99 Resp: 338

Ion Ratio Lower Upper

99 100

42 11.2 15.4 23.2#

71 64.2 26.0 39.0#



#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 7.23 min Scan# 521

Delta R.T. 0.12 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

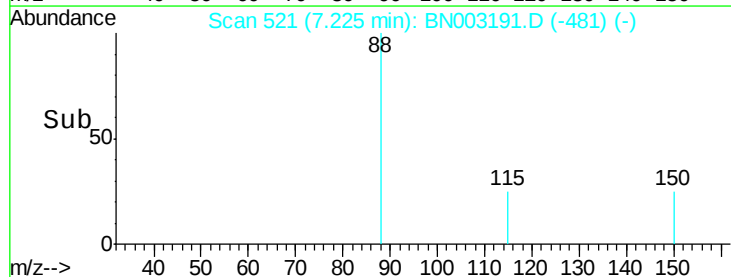
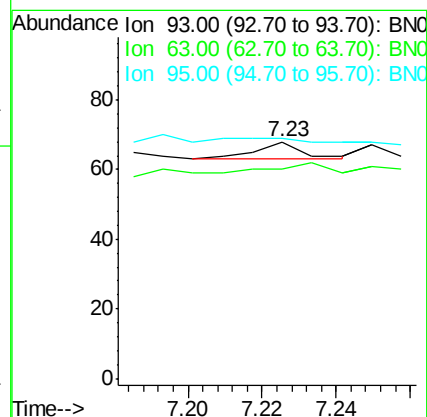
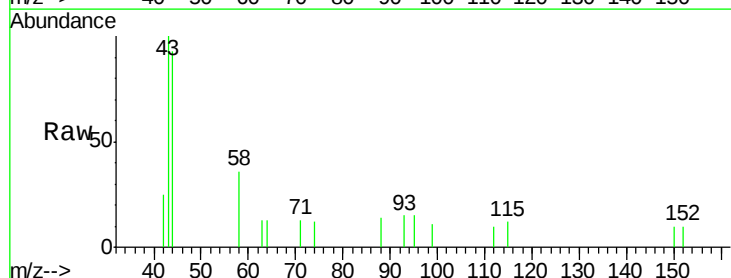
Tgt Ion: 93 Resp: 5

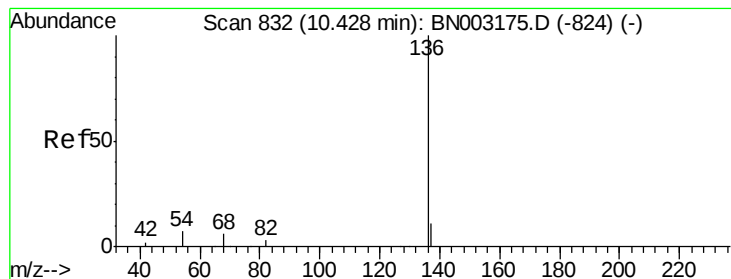
Ion Ratio Lower Upper

93 100

63 200.0 54.2 81.4#

95 0.0 24.9 37.3#





#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

Tgt Ion: 136 Resp: 3966

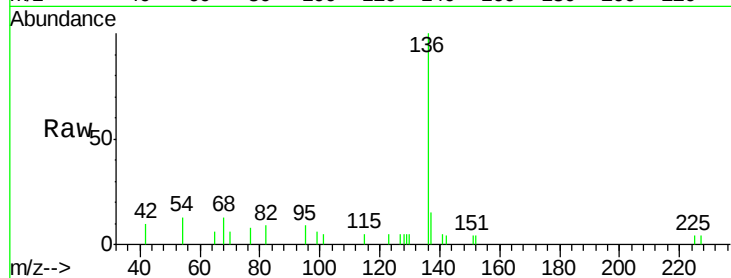
Ion Ratio Lower Upper

136 100

137 15.1 9.4 14.0#

54 13.1 7.4 11.0#

68 12.8 5.8 8.6#

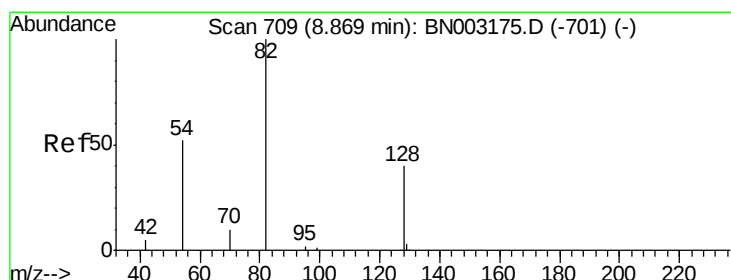
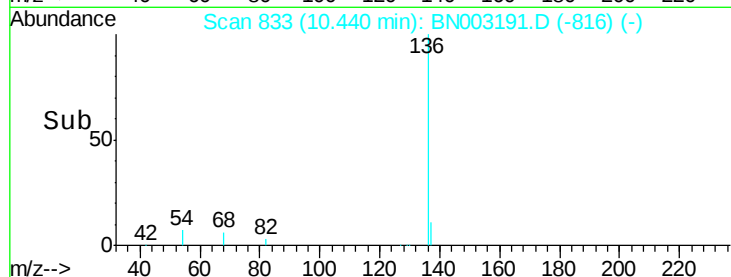
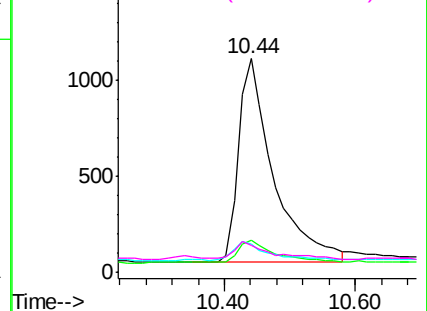


Abundance Ion 136.00 (135.70 to 136.70): E

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

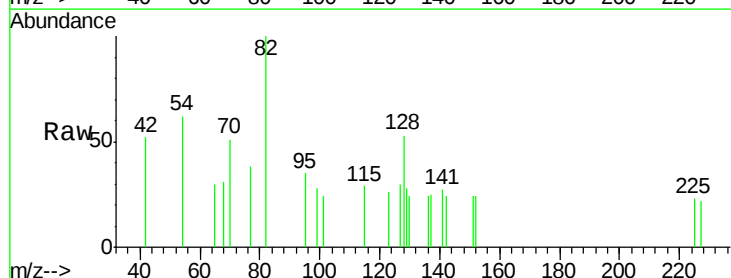
Tgt Ion: 82 Resp: 954

Ion Ratio Lower Upper

82 100

128 53.2 38.2 57.4

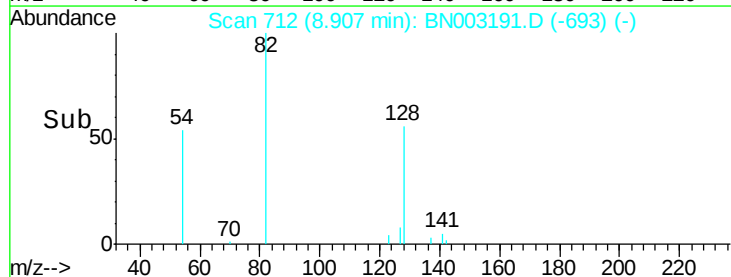
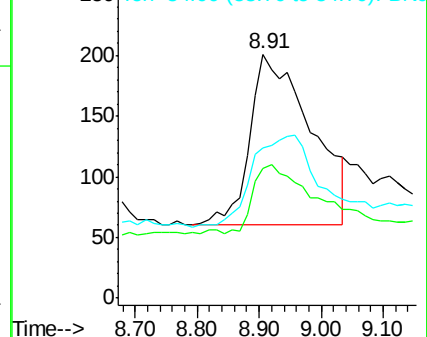
54 61.7 44.1 66.1

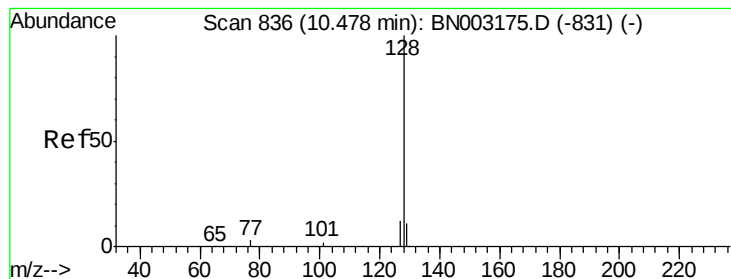


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.007 ng

RT: 10.54 min Scan# 841

Delta R.T. 0.06 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

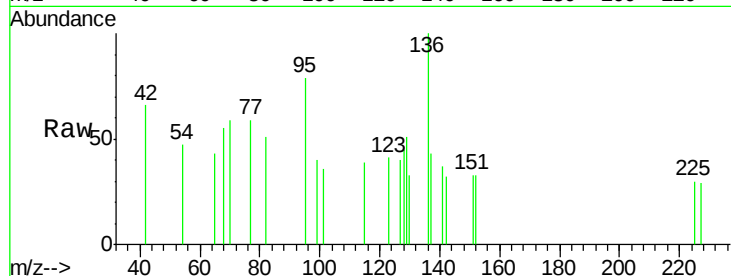
Tgt Ion:128 Resp: 73

Ion Ratio Lower Upper

128 100

129 113.0 9.8 14.6#

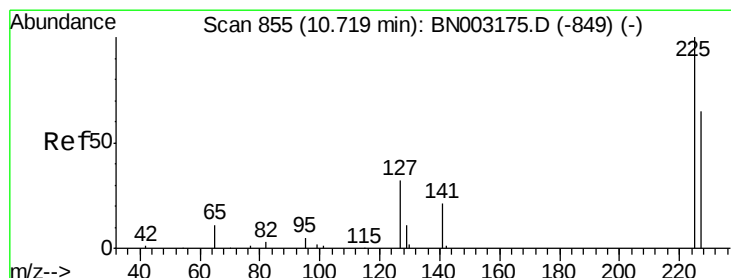
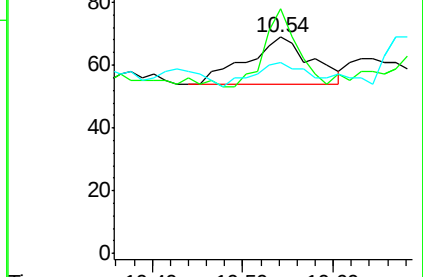
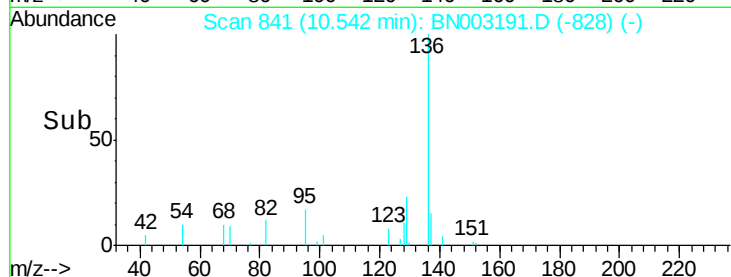
127 88.4 11.4 17.2#



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: 10.77 min Scan# 859

Delta R.T. 0.05 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

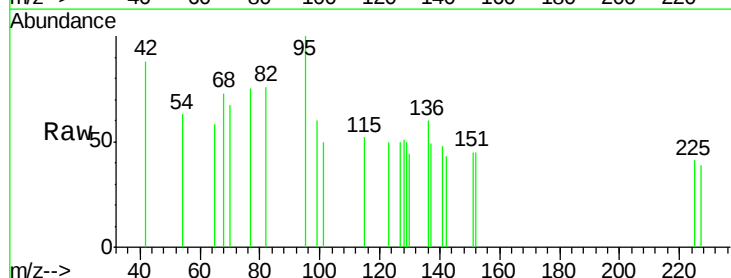
Tgt Ion:225 Resp: 1

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

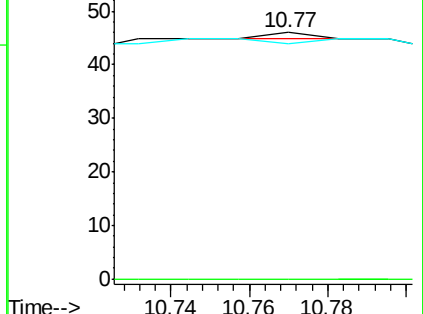
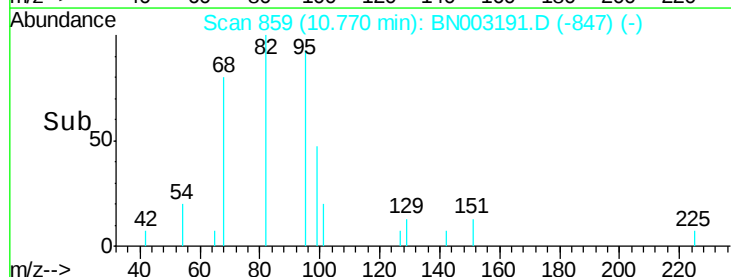
227 0.0 51.8 77.8#

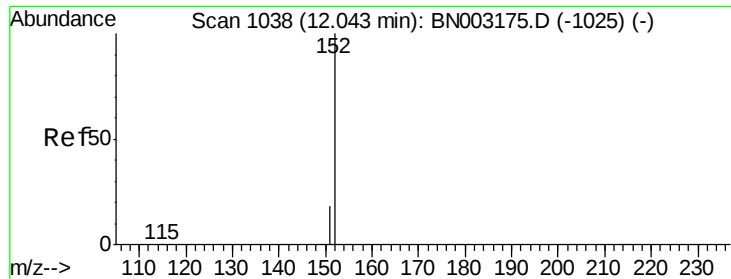


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

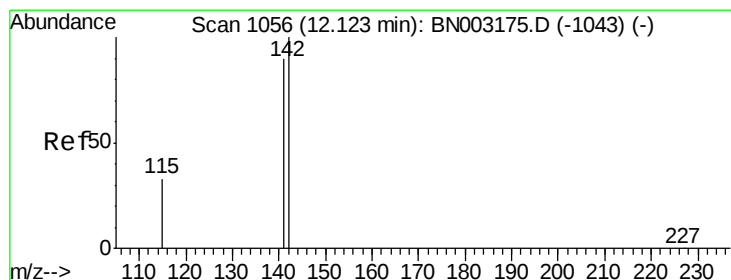
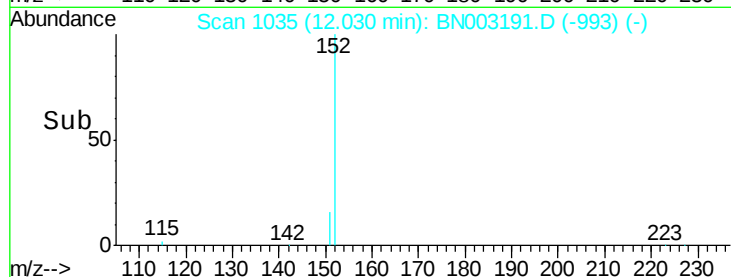
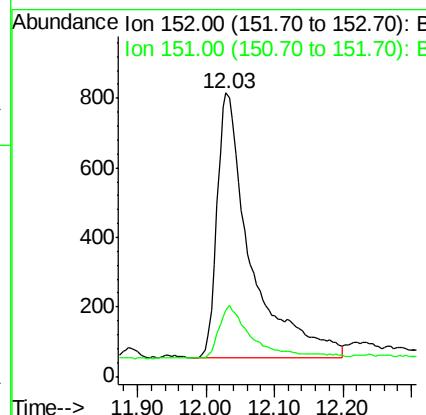
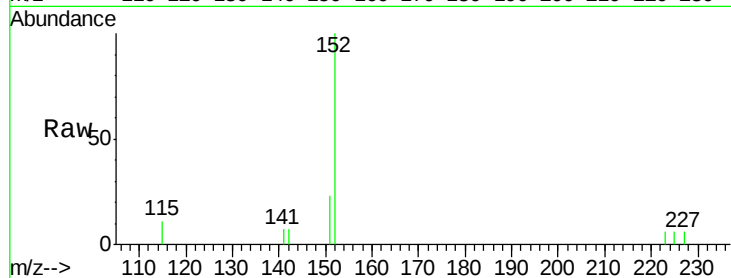




#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.03 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BN003191.D
Acq: 17 Oct 2018 21:48

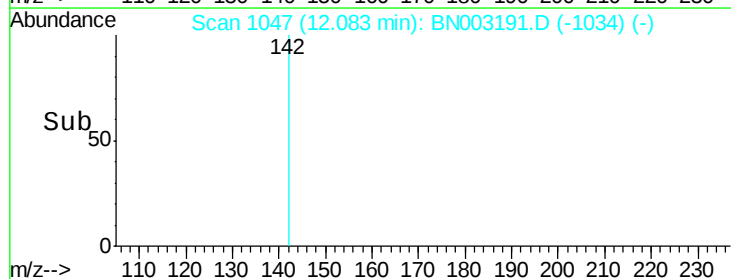
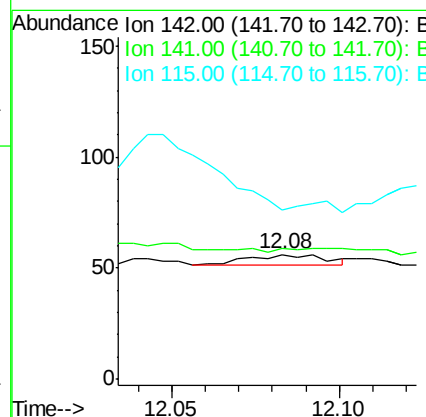
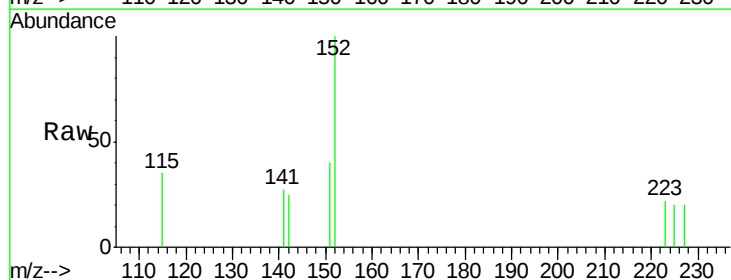
Instrument :
BNA_N
ClientSampleId :
KY038PS027-181008

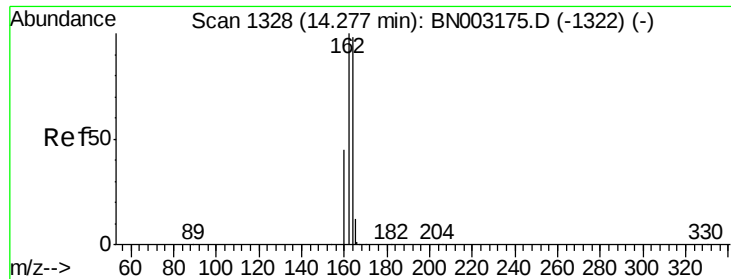
Tgt Ion:152 Resp: 2630
Ion Ratio Lower Upper
152 100
151 18.5 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.08 min Scan# 1047
Delta R.T. -0.04 min
Lab File: BN003191.D
Acq: 17 Oct 2018 21:48

Tgt Ion:142 Resp: 8
Ion Ratio Lower Upper
142 100
141 105.4 71.5 107.3
115 135.7 28.1 42.1#





#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

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

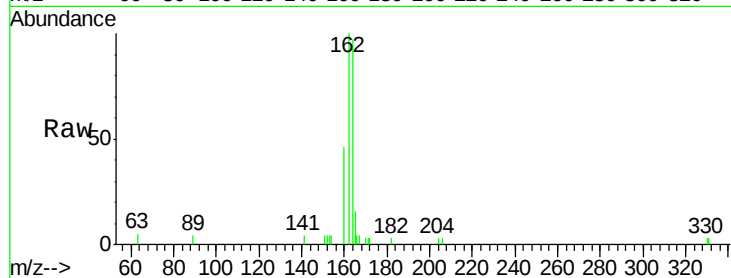
Tgt Ion:164 Resp: 3087

Ion Ratio Lower Upper

164 100

162 102.8 81.7 122.5

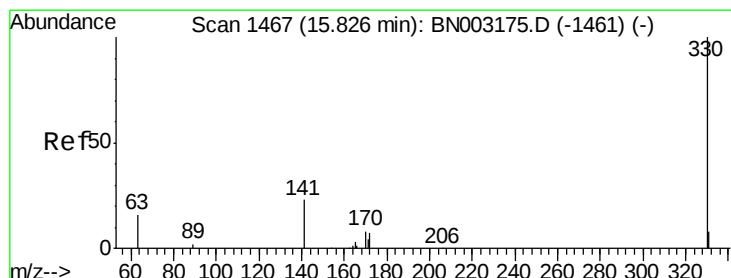
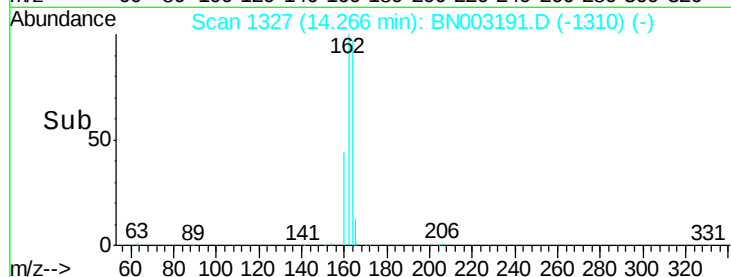
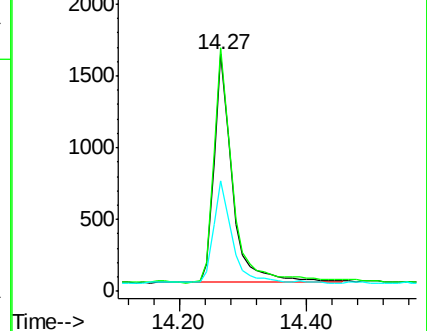
160 46.8 36.3 54.5



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

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

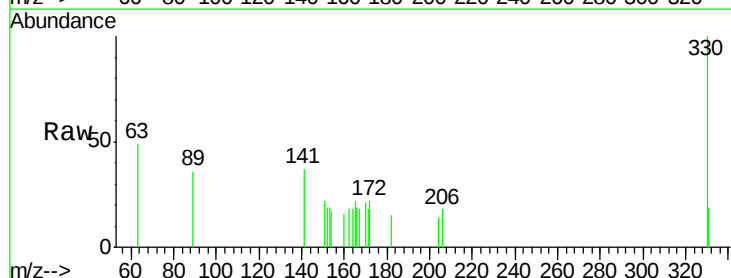
Tgt Ion:330 Resp: 861

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

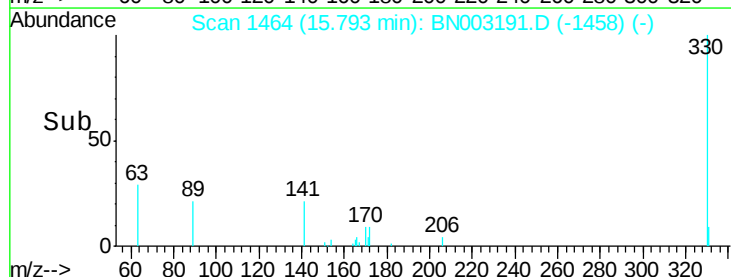
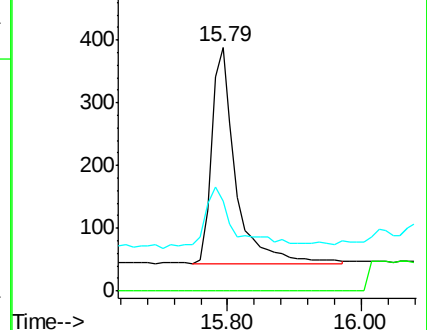
141 28.2 22.6 33.8

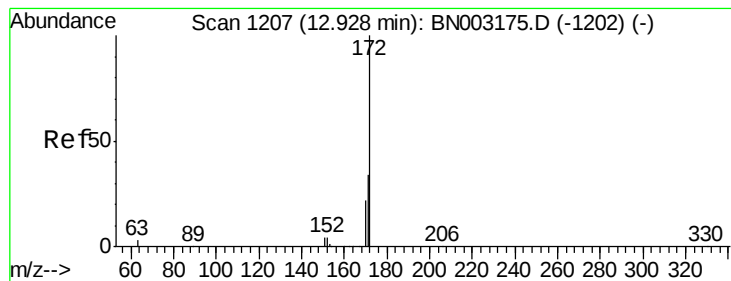


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.396 ng

RT: 12.89 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

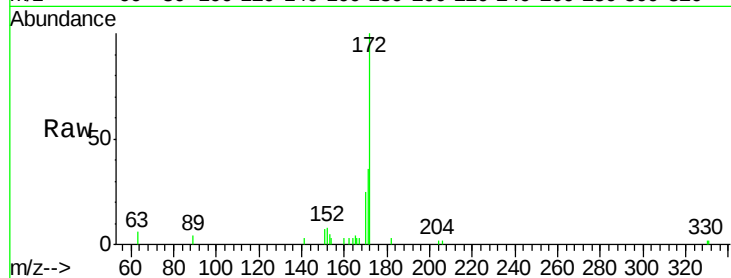
Tgt Ion:172 Resp: 4811

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

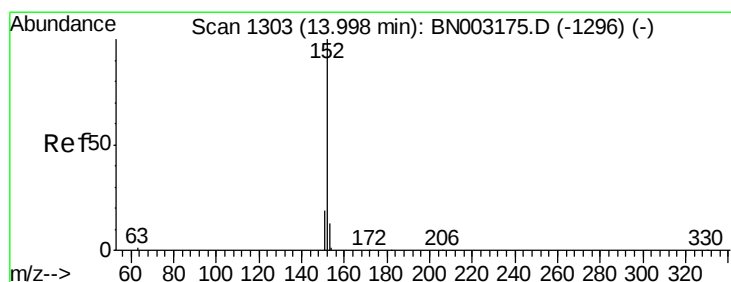
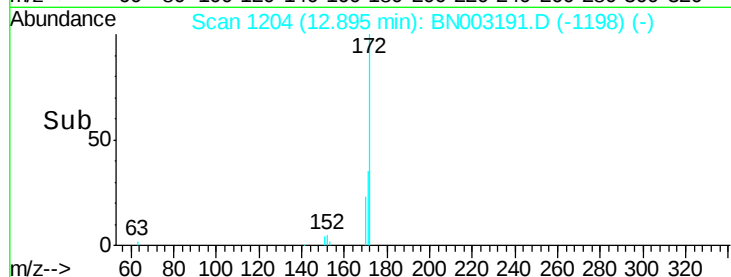
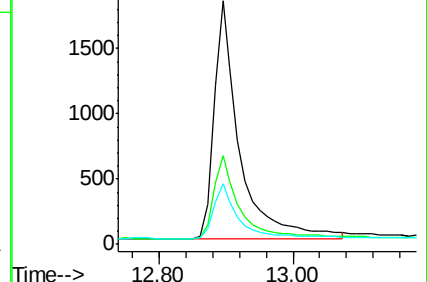
170 24.7 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.002 ng

RT: 14.00 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

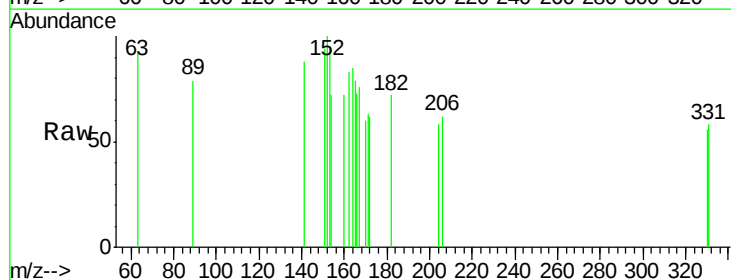
Tgt Ion:152 Resp: 33

Ion Ratio Lower Upper

152 100

151 51.5 15.7 23.5#

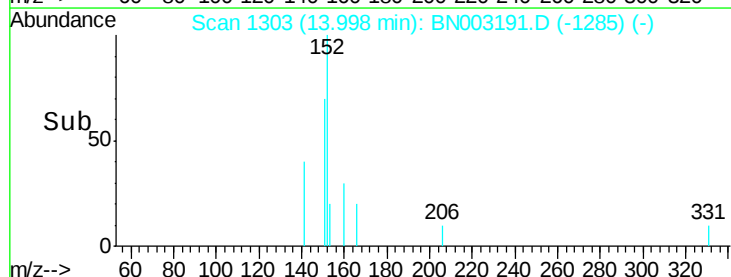
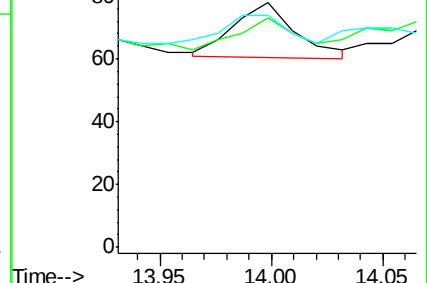
153 69.7 10.6 16.0#

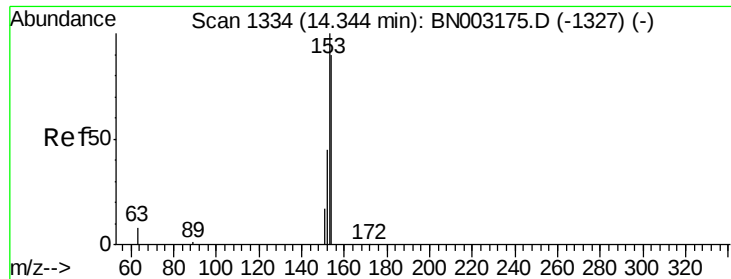


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

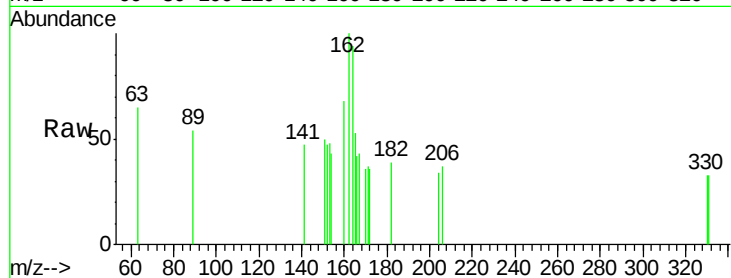
Tgt Ion:154 Resp: 13

Ion Ratio Lower Upper

154 100

153 53.8 91.0 136.4#

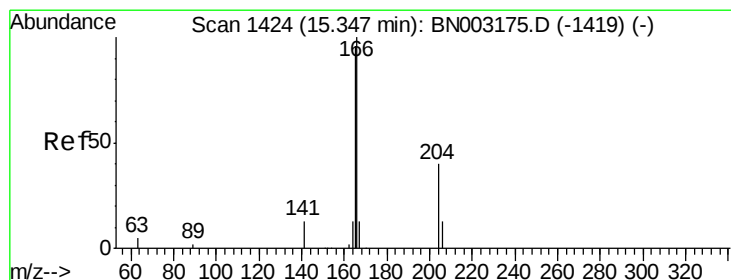
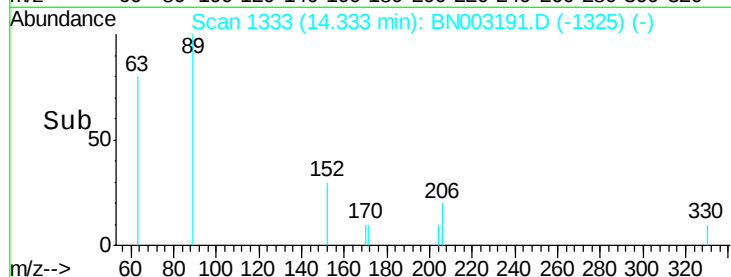
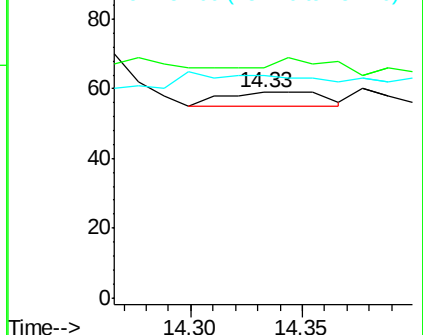
152 0.0 43.8 65.6#



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: 0.001 ng

RT: 15.38 min Scan# 1427

Delta R.T. 0.03 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

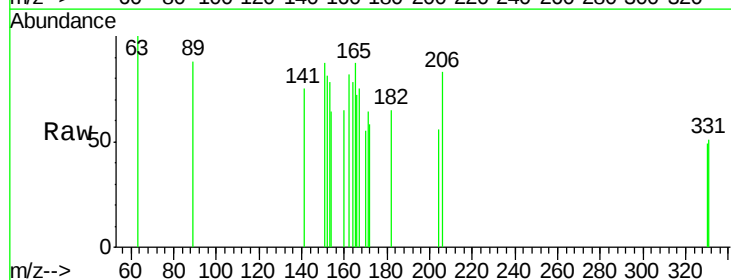
Tgt Ion:166 Resp: 18

Ion Ratio Lower Upper

166 100

165 0.0 78.2 117.2#

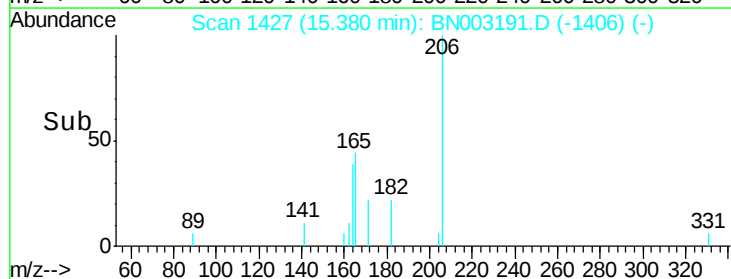
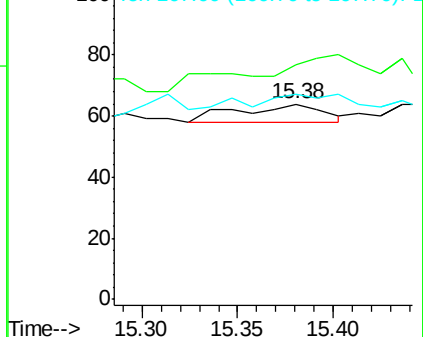
167 66.7 10.7 16.1#

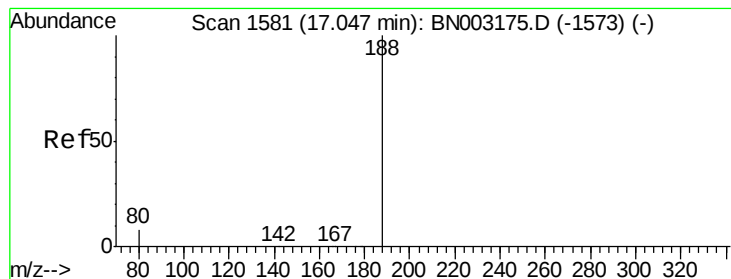


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.03 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

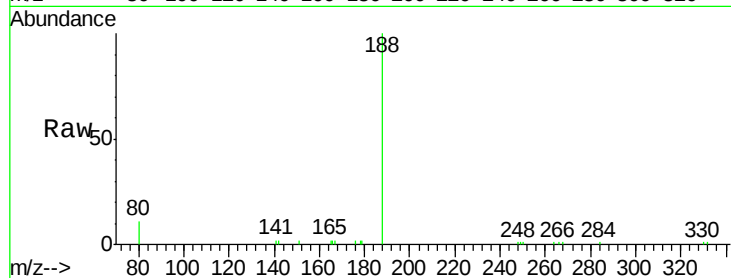
Tgt Ion:188 Resp: 8527

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

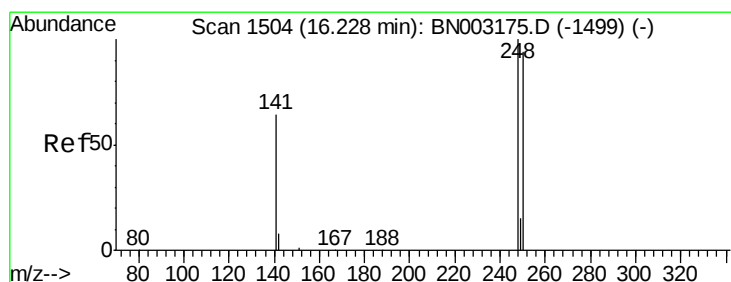
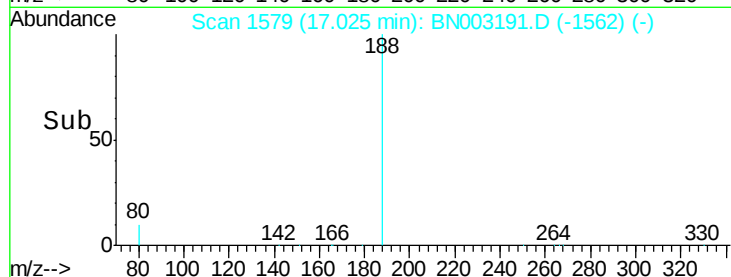
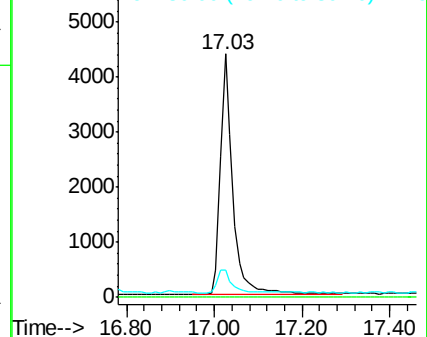
80 11.4 6.7 10.1#



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



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.14 min Scan# 1496

Delta R.T. -0.09 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

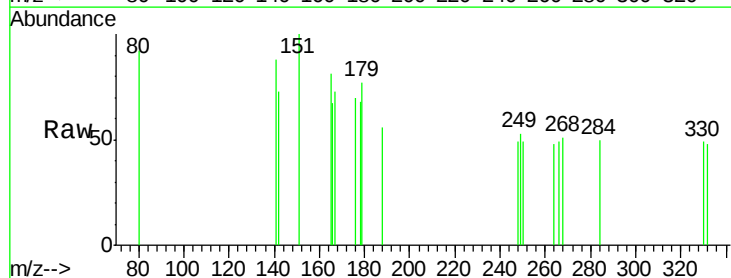
Tgt Ion:248 Resp: 3

Ion Ratio Lower Upper

248 100

250 100.0 78.9 118.3

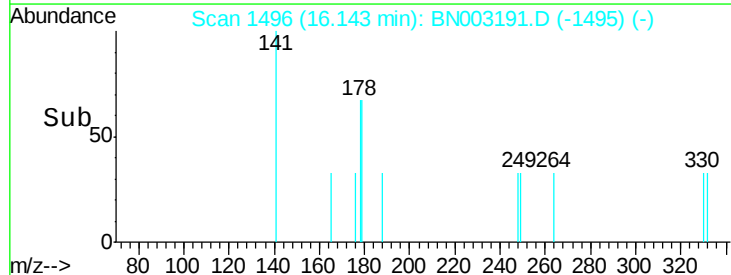
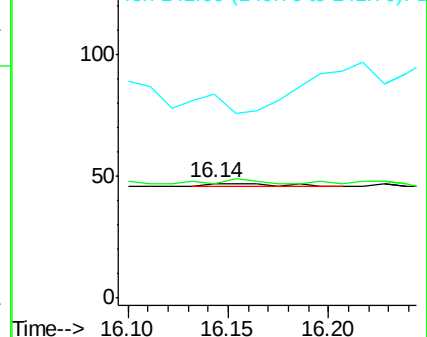
141 178.7 48.5 72.7#

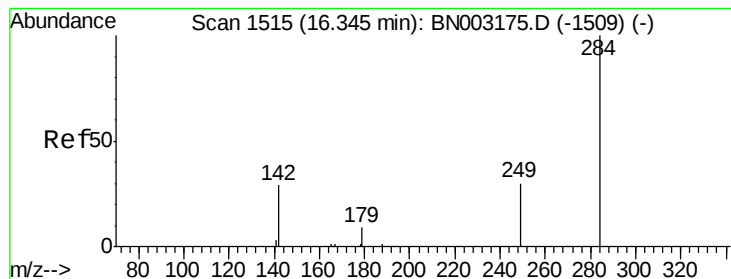


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN003191.D

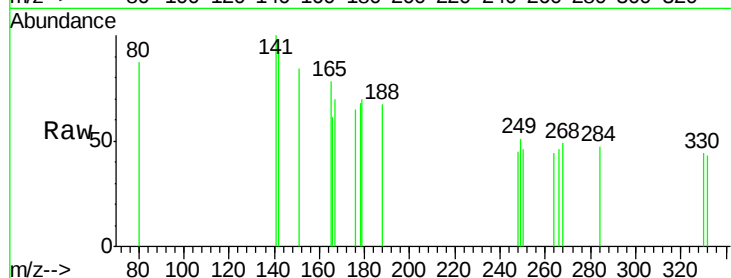
Acq: 17 Oct 2018 21:48

Instrument :

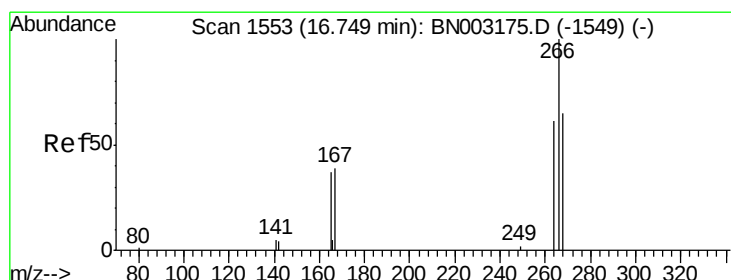
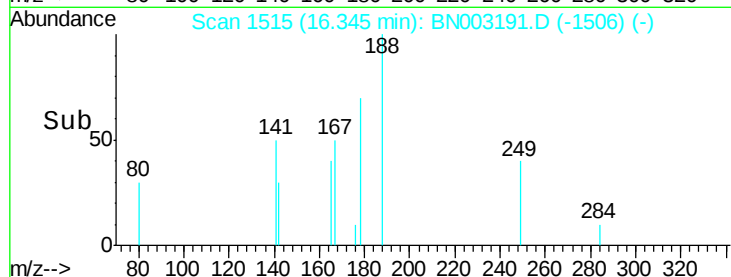
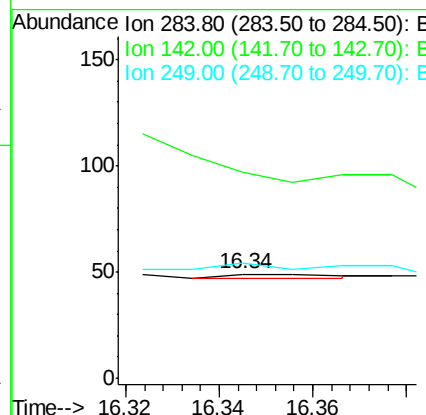
BNA_N

ClientSampleId :

KY038PS027-181008



Tgt Ion:	284	Resp:	3
Ion Ratio	Lower	Upper	
284	100		
142	0.0	24.6	37.0#
249	66.7	22.3	33.5#



#22

Pentachlorophenol

Concen: 0.095 ng

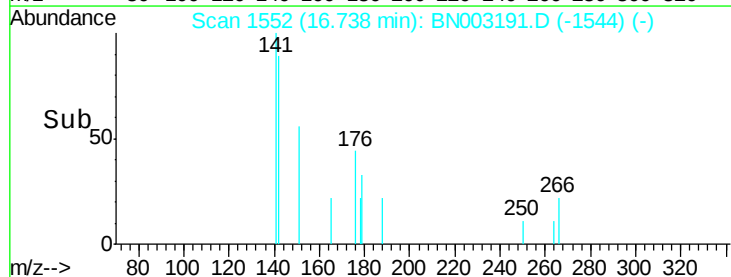
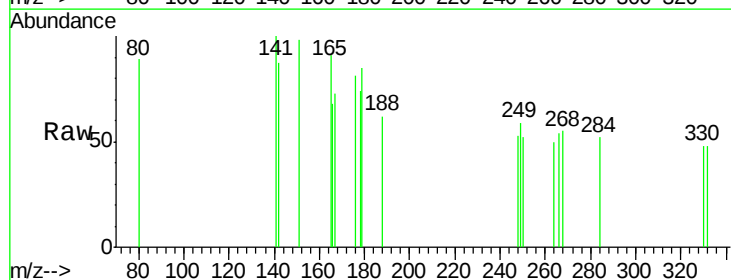
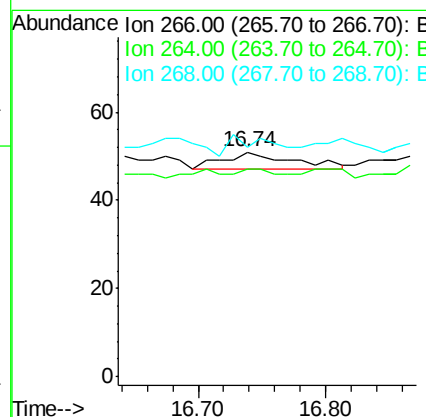
RT: 16.74 min Scan# 1552

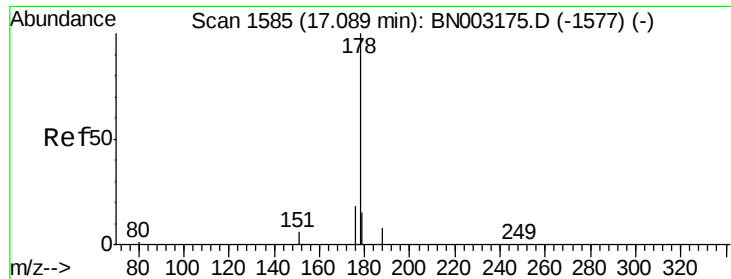
Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Tgt Ion:	266	Resp:	15
Ion Ratio	Lower	Upper	
266	100		
264	92.2	55.0	82.4#
268	102.0	60.6	91.0#





#23

Phenanthrene

Concen: 0.041 ng

RT: 17.17 min Scan# 1593

Delta R.T. 0.08 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

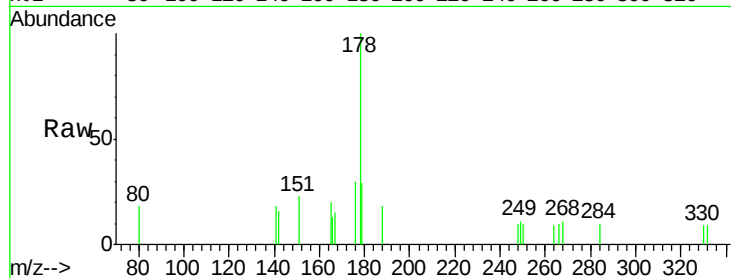
Tgt Ion:178 Resp: 917

Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

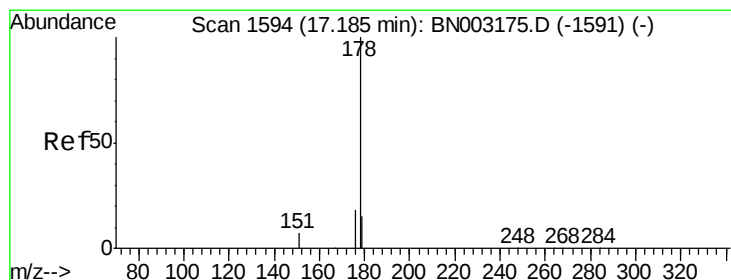
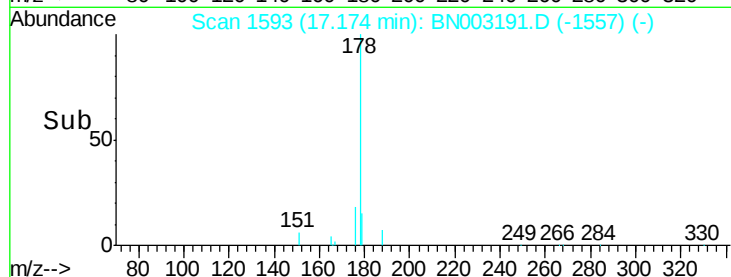
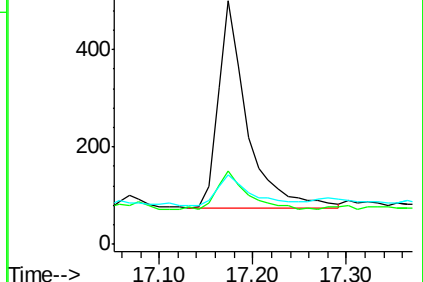
179 17.2 12.3 18.5



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



#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

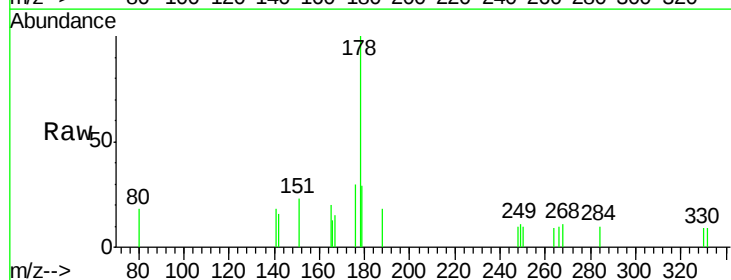
Tgt Ion:178 Resp: 917

Ion Ratio Lower Upper

178 100

176 19.3 14.6 22.0

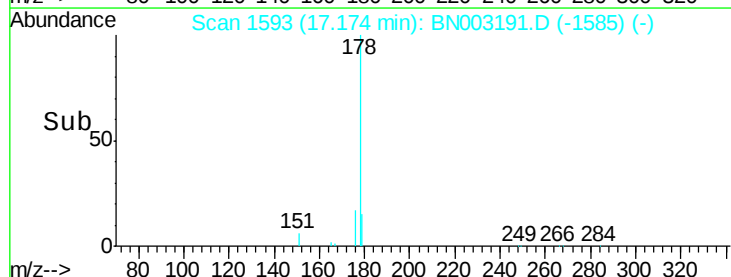
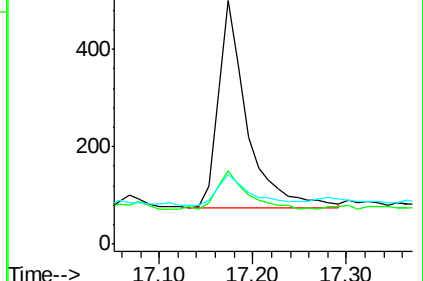
179 17.2 12.3 18.5

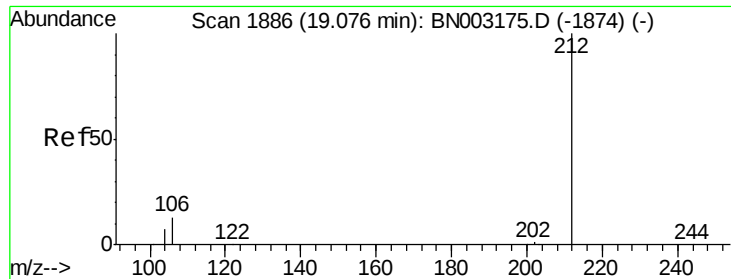


Abundance Ion 178.00 (177.70 to 178.70): E

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

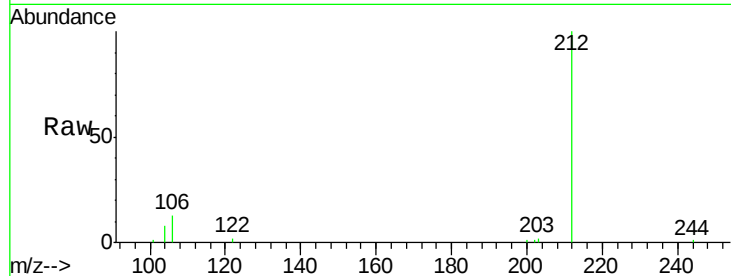
Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

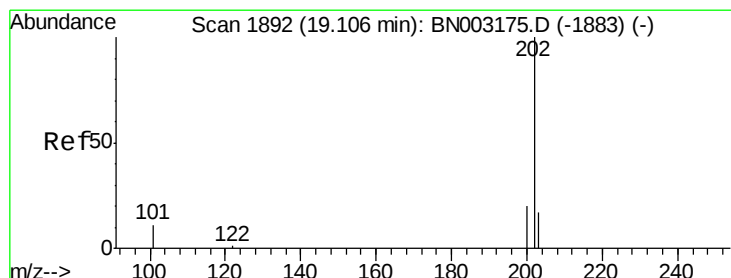
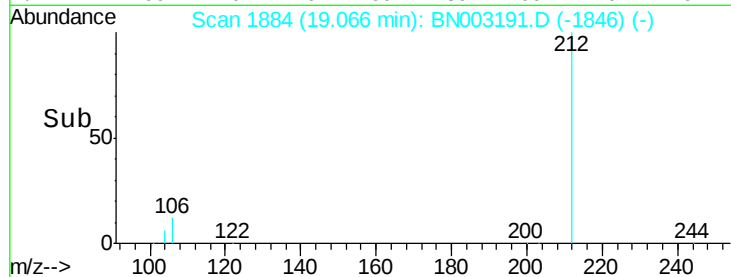
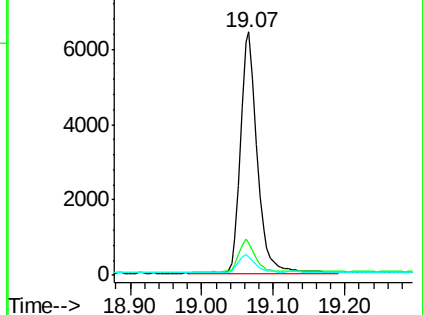
Tgt Ion:	212	Resp:	10391
Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.2	15.4
104	7.2	5.8	8.6



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



#26

Fluoranthene

Concen: 0.004 ng

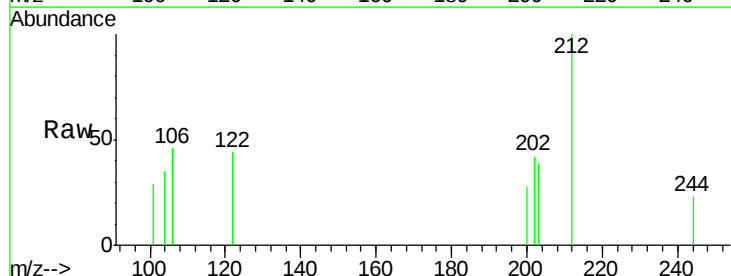
RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

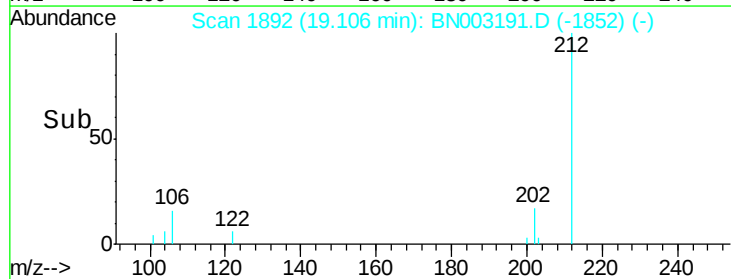
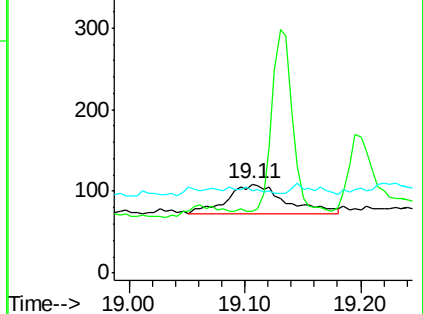
Tgt Ion:	202	Resp:	124
Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.6	12.8#
203	0.0	13.7	20.5#

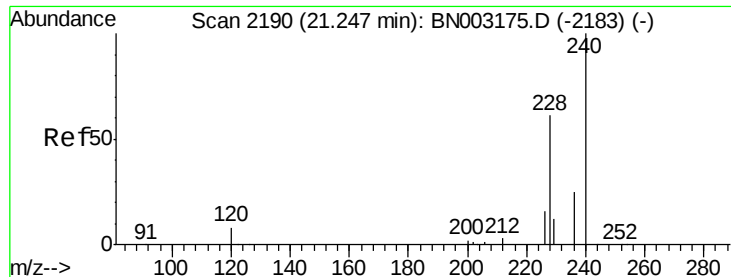


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

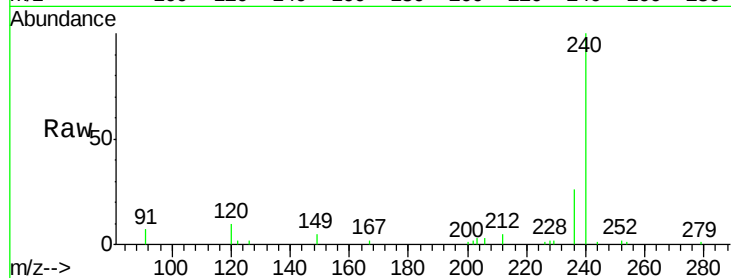
Tgt Ion:240 Resp: 11017

Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.8

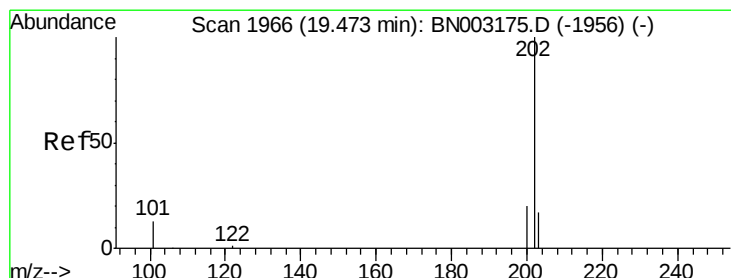
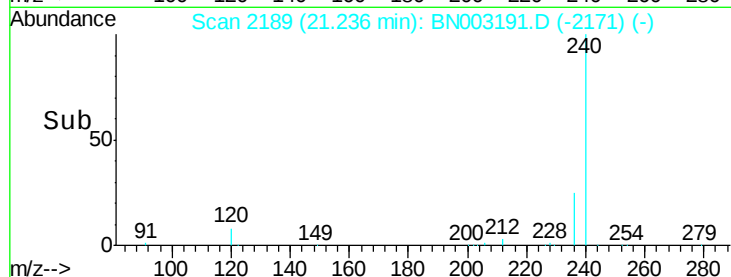
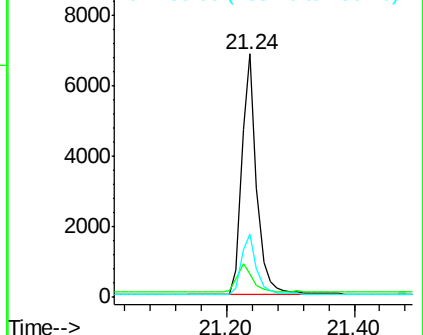
236 26.0 21.0 31.4



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



#28

Pyrene

Concen: 0.006 ng

RT: 19.46 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

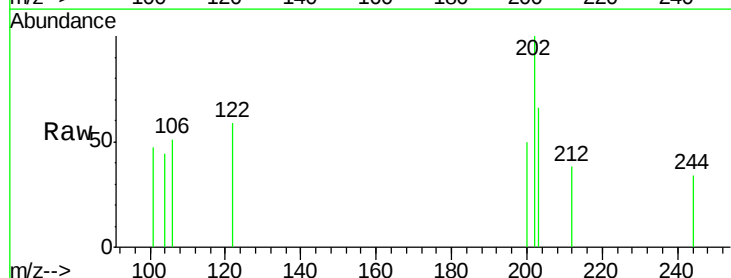
Tgt Ion:202 Resp: 192

Ion Ratio Lower Upper

202 100

200 26.6 16.3 24.5#

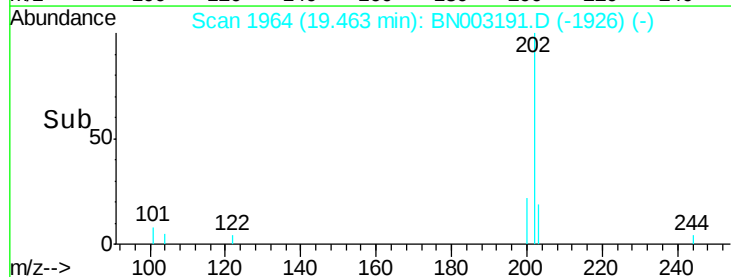
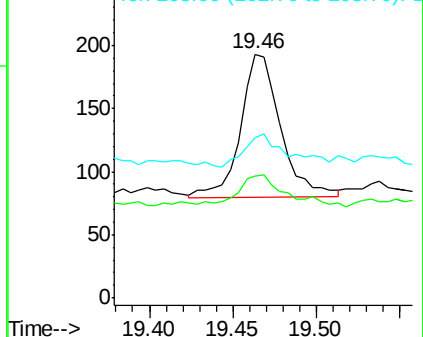
203 24.5 14.2 21.2#

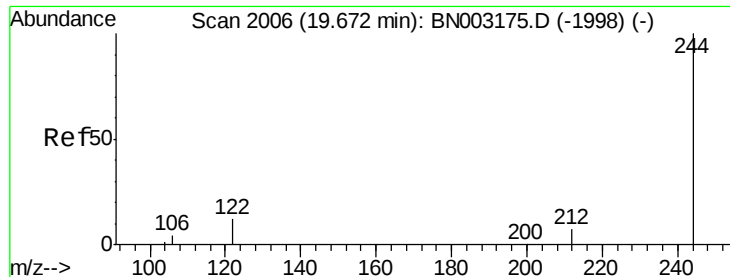


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#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

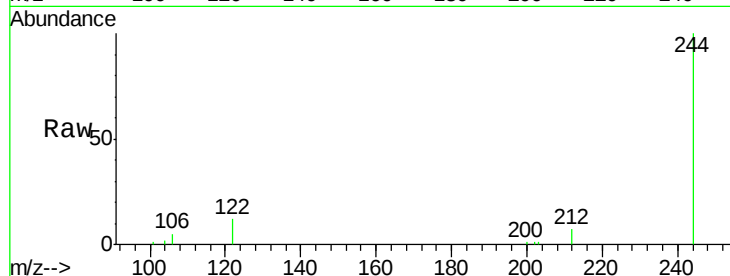
Tgt Ion:244 Resp: 12049

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

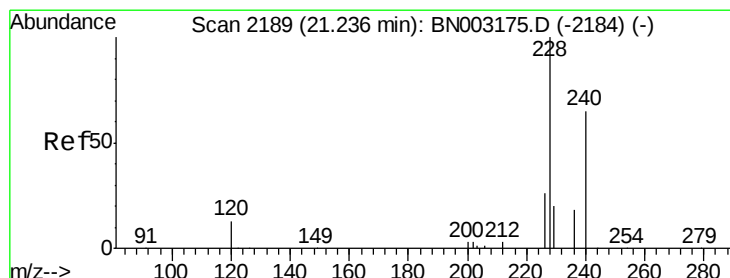
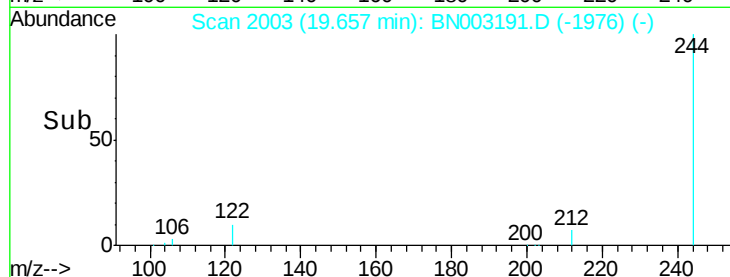
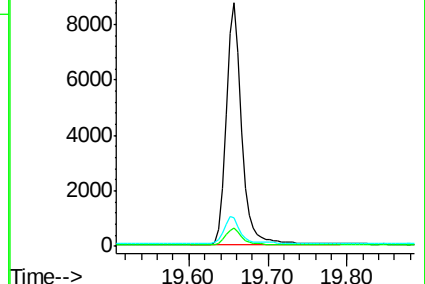
122 11.6 9.1 13.7



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



#30

Benzo(a)anthracene

Concen: 0.005 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

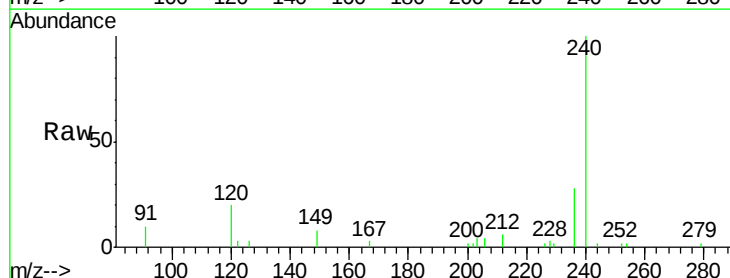
Tgt Ion:228 Resp: 135

Ion Ratio Lower Upper

228 100

226 68.0 21.4 32.2#

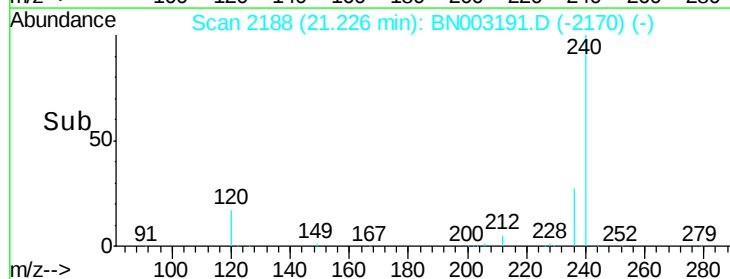
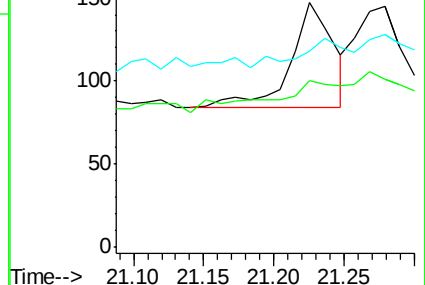
229 80.3 16.4 24.6#

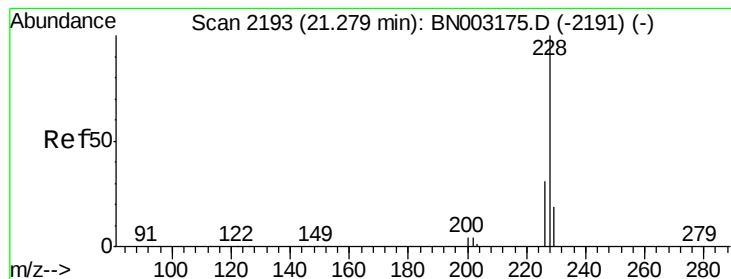


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.004 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

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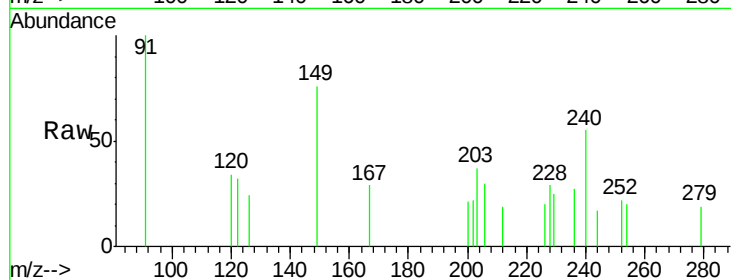
Tgt Ion: 228 Resp: 129

Ion Ratio Lower Upper

228 100

226 69.7 23.1 34.7#

229 88.3 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E

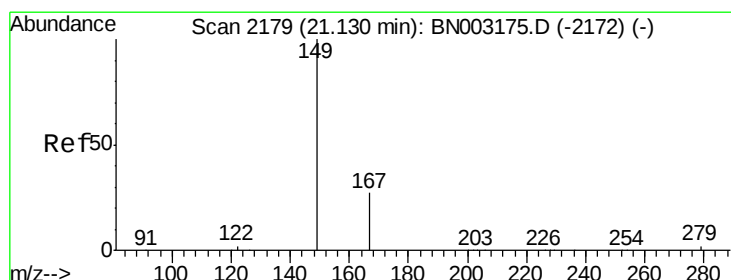
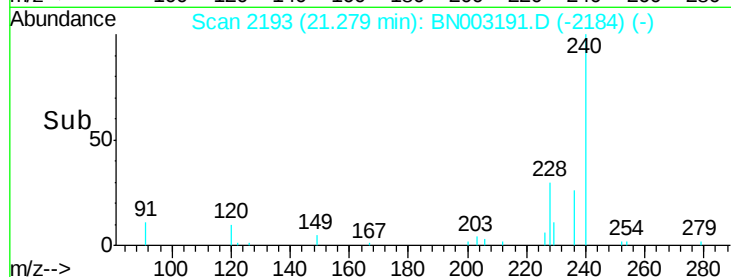
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.28

21.25 21.30 21.35

Time-->



#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

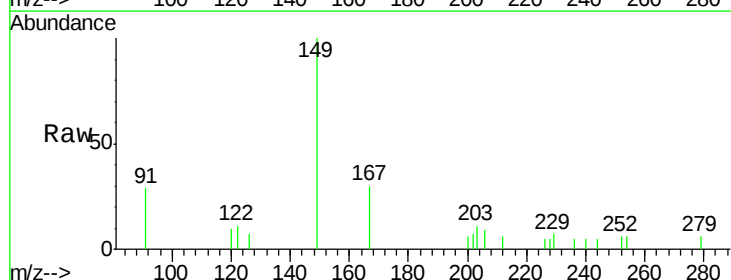
Tgt Ion: 149 Resp: 1655

Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.4

279 7.6 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

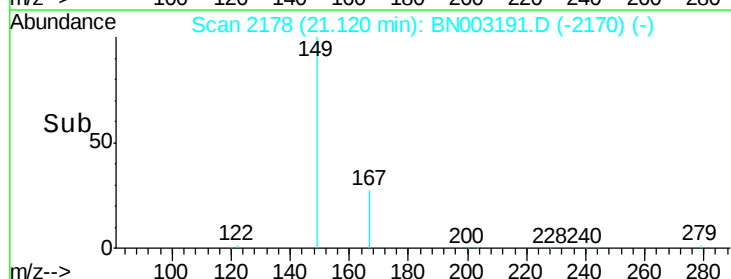
Ion 167.00 (166.70 to 167.70): E

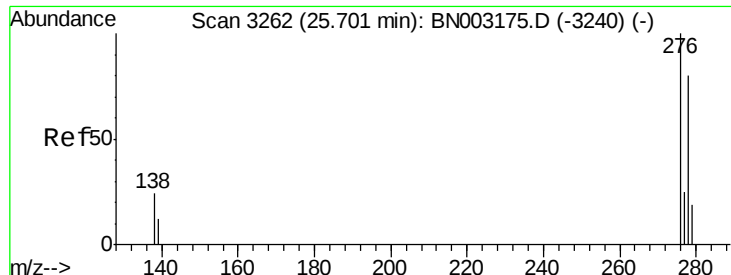
Ion 279.00 (278.70 to 279.70): E

21.12

21.05 21.10 21.15

Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 25.71 min Scan# 3265

Delta R.T. 0.01 min

Lab File: BN003191.D

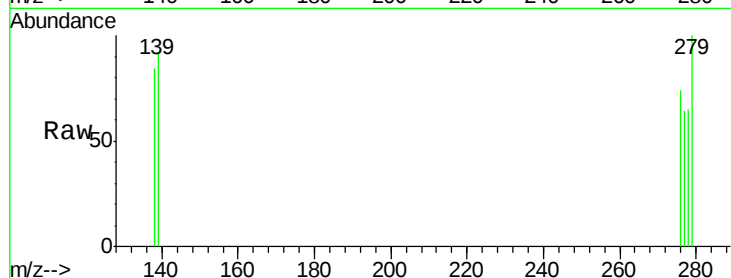
Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

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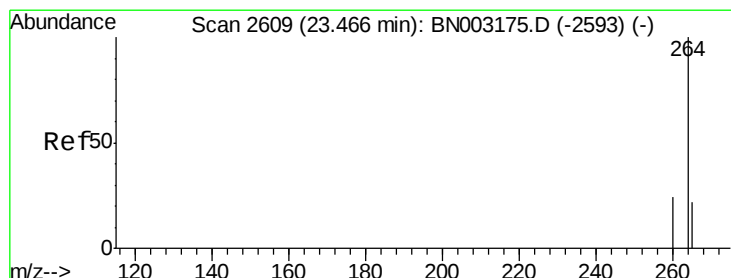
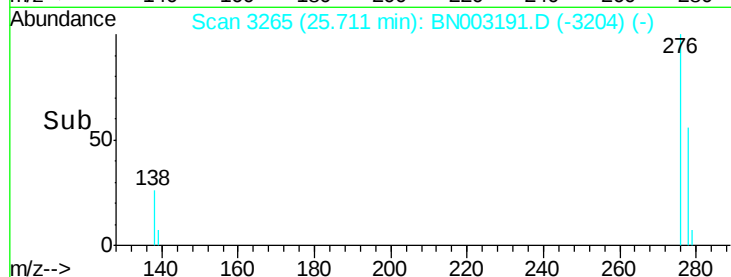
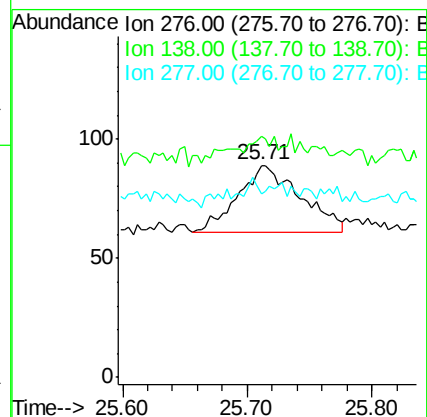
Tgt Ion: 276 Resp: 98

Ion Ratio Lower Upper

276 100

138 13.3 18.2 27.4#

277 3.1 20.2 30.4#



#34

Perylene-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

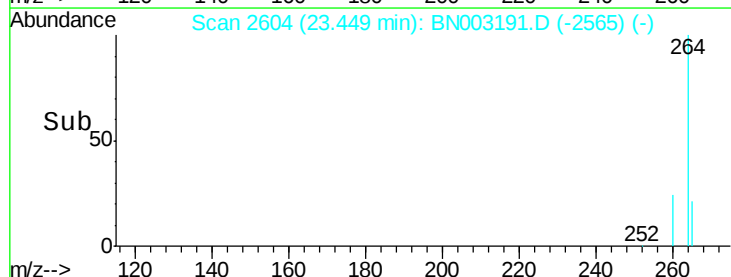
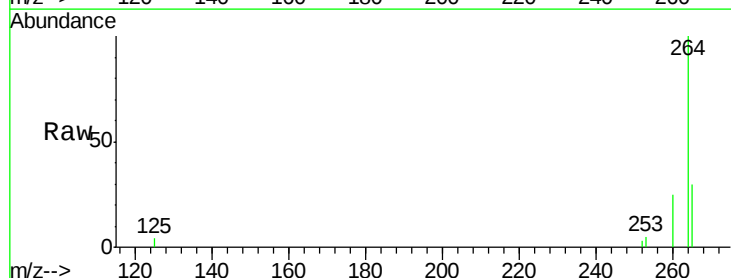
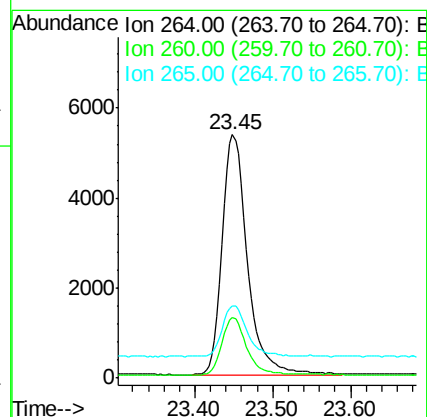
Tgt Ion: 264 Resp: 11945

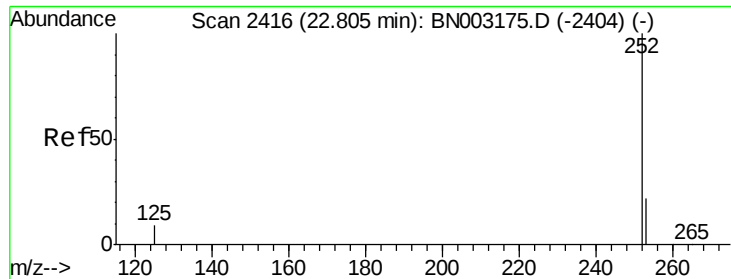
Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 29.6 27.6 41.4





#35

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 22.81 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008

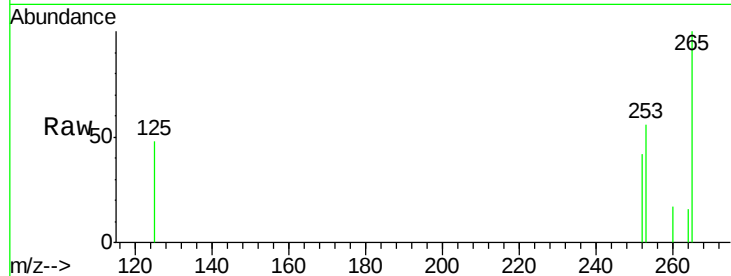
Tgt Ion:252 Resp: 146

Ion Ratio Lower Upper

252 100

253 132.5 20.8 31.2#

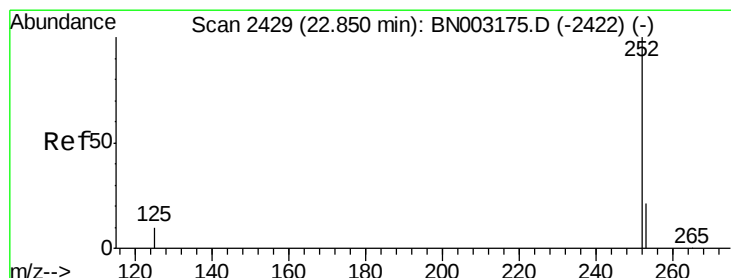
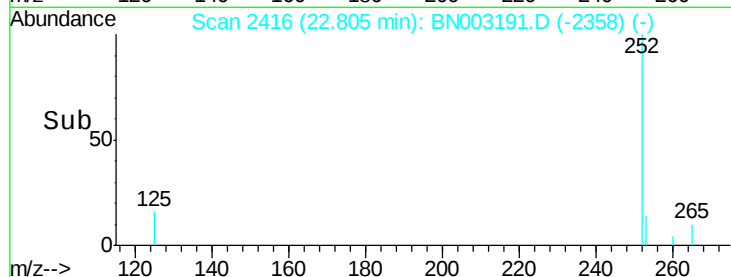
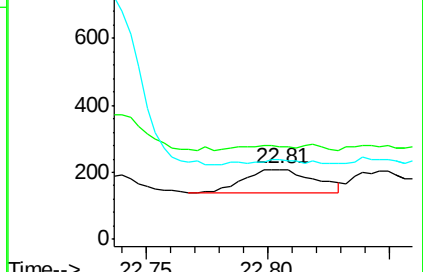
125 113.9 9.6 14.4#



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: 0.002 ng

RT: 22.85 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

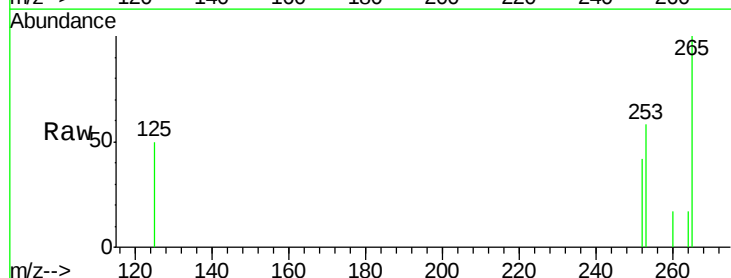
Tgt Ion:252 Resp: 92

Ion Ratio Lower Upper

252 100

253 136.0 20.5 30.7#

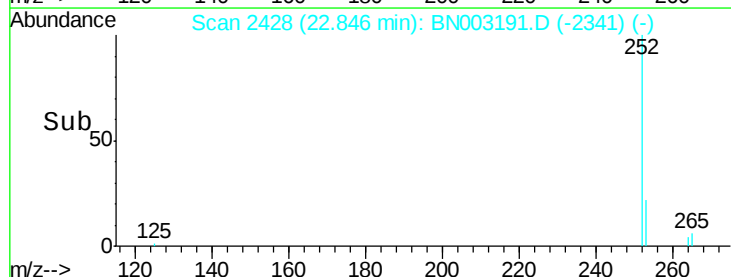
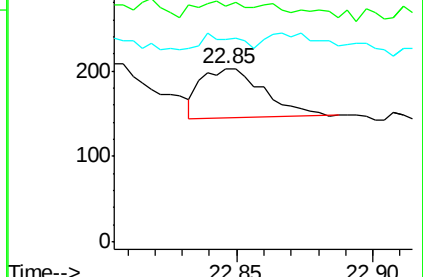
125 116.7 9.4 14.0#

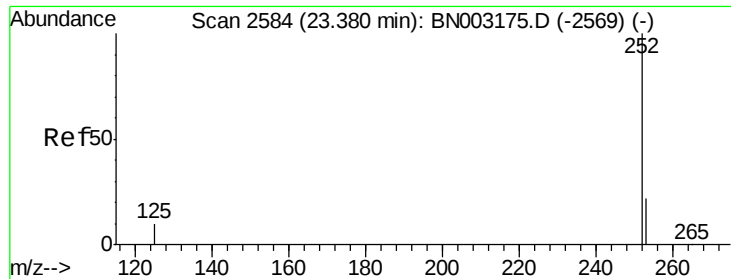


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.002 ng

RT: 23.37 min Scan# 2581

Delta R.T. -0.01 min

Lab File: BN003191.D

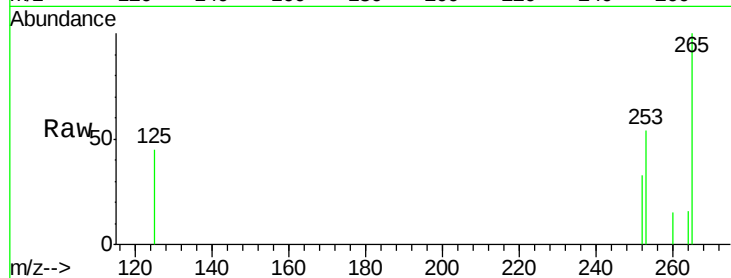
Acq: 17 Oct 2018 21:48

Instrument :

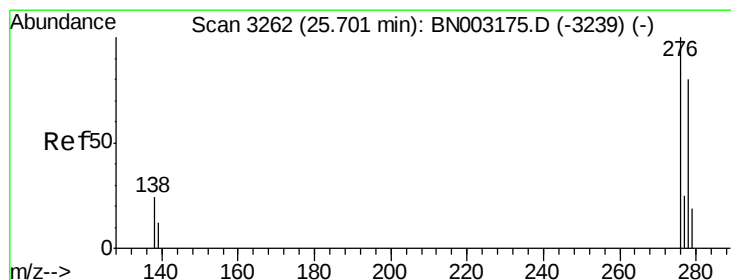
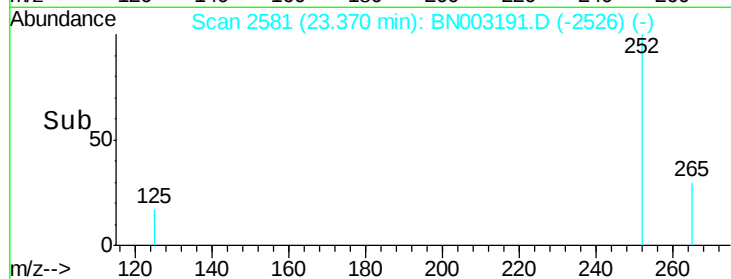
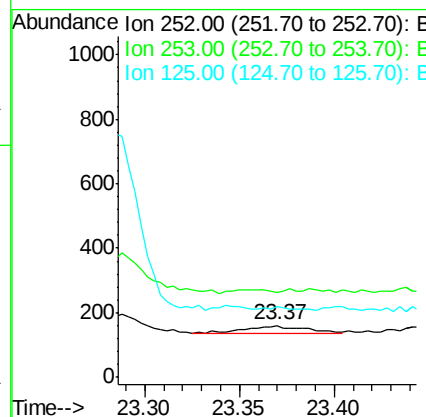
BNA_N

ClientSampleId :

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Tgt Ion:	252	Resp:	55
Ion	Ratio	Lower	Upper
252	100		
253	163.4	22.4	33.6#
125	135.4	11.4	17.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.001 ng

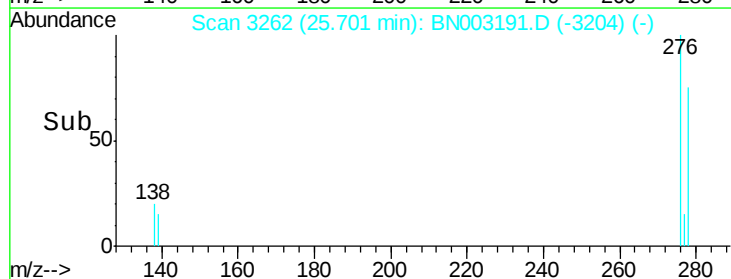
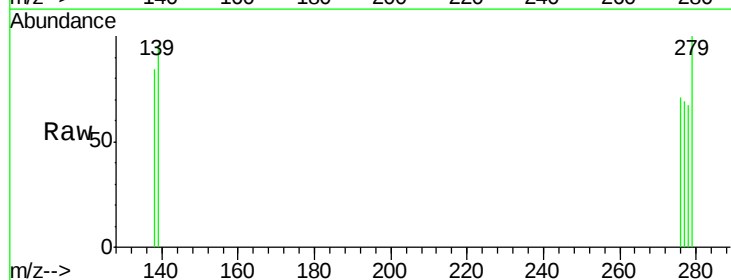
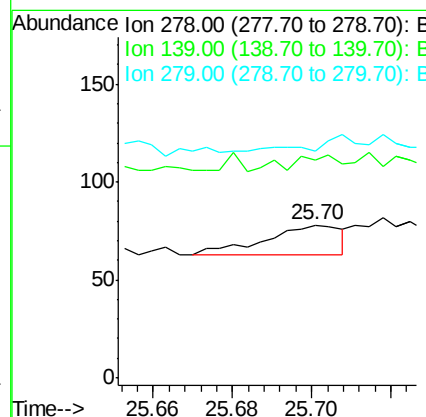
RT: 25.70 min Scan# 3262

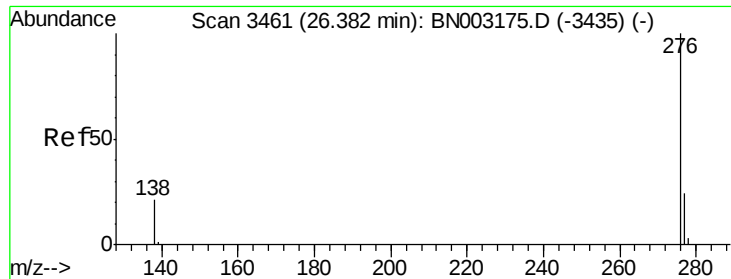
Delta R.T. -0.00 min

Lab File: BN003191.D

Acq: 17 Oct 2018 21:48

Tgt Ion:	278	Resp:	20
Ion	Ratio	Lower	Upper
278	100		
139	142.3	14.6	21.8#
279	148.7	23.1	34.7#





#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 26.38 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BN003191.D

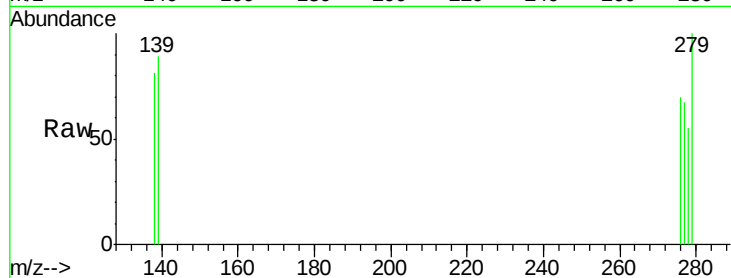
Acq: 17 Oct 2018 21:48

Instrument :

BNA_N

ClientSampleId :

KY038PS027-181008



Tgt Ion:	276	Resp:	5
Ion	Ratio	Lower	Upper
276	100		
277	96.3	21.0	31.4#
138	116.0	18.1	27.1#

