

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006625.D
 Acq On : 28 Jun 2019 22:10
 Operator : HP/JU
 Sample : K3427-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-190617

Quant Time: Jun 29 01:13:02 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 28 13:47:56 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4188	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	17707	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	11984	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	28093	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	28261	0.40	ng	-0.02
34) Perylene-d12	23.48	264	27385	0.40	ng	-0.04

System Monitoring Compounds

4) 2-Fluorophenol	5.24	112	1376	0.13	ng	0.00
5) Phenol-d6	6.82	99	1268	0.09	ng	0.00
8) Nitrobenzene-d5	8.81	82	4699	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.00	152	10011	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	1936	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	25238	0.57	ng	-0.01
25) Fluoranthene-d10	19.07	212	30901	0.37	ng	0.00
29) Terphenyl-d14	19.68	244	29328	0.50	ng	0.00

Target Compounds

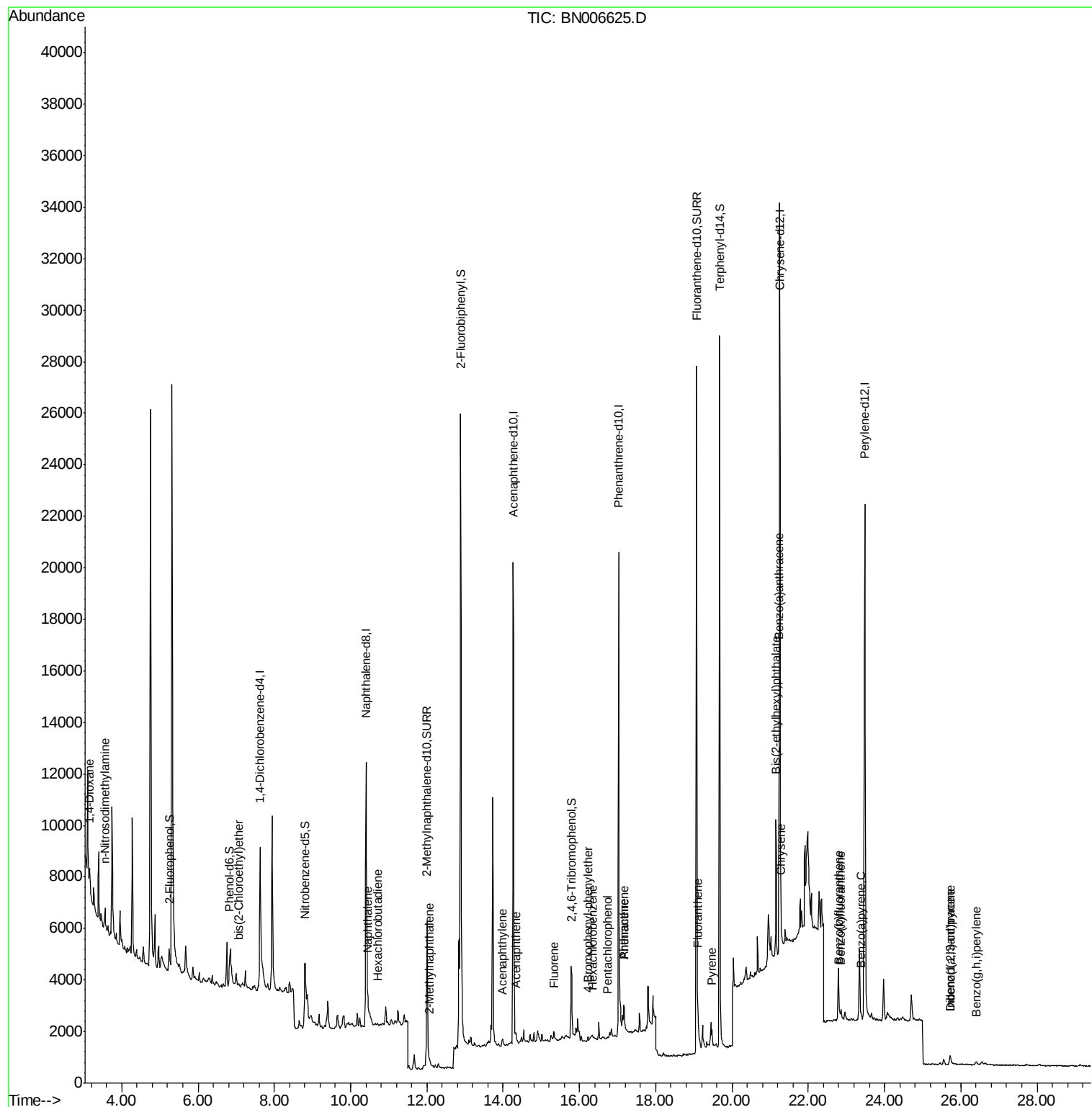
						Qvalue
2) 1,4-Dioxane	3.17	88	563	0.097	ng	# 9
3) n-Nitrosodimethylamine	3.55	42	87	0.019	ng	# 1
6) bis(2-Chloroethyl)ether	7.05	93	36	0.003	ng	# 20
9) Naphthalene	10.45	128	370	0.008	ng	# 26
10) Hexachlorobutadiene	10.72	225	18	0.002	ng	# 82
12) 2-Methylnaphthalene	12.08	142	169	0.005	ng	# 56
16) Acenaphthylene	13.99	152	316	0.006	ng	# 64
17) Acenaphthene	14.33	154	117	0.003	ng	# 85
18) Fluorene	15.34	166	227	0.005	ng	# 97
20) 4-Bromophenyl-phenylether	16.22	248	35	0.002	ng	# 13
21) Hexachlorobenzene	16.35	284	79	0.004	ng	# 66
22) Pentachlorophenol	16.73	266	46	0.202	ng	# 74
23) Phenanthrene	17.16	178	1512	0.019	ng	95
24) Anthracene	17.16	178	1485	0.021	ng	94
26) Fluoranthene	19.11	202	647	0.007	ng	# 76
28) Pyrene	19.47	202	665	0.007	ng	97
30) Benzo(a)anthracene	21.24	228	541	0.006	ng	# 37
31) Chrysene	21.29	228	441	0.004	ng	# 46
32) Bis(2-ethylhexyl)phthalate	21.15	149	5144	0.111	ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	374	0.004	ng	96
35) Benzo(b)fluoranthene	22.82	252	717	0.008	ng	# 1
36) Benzo(k)fluoranthene	22.86	252	520	0.005	ng	# 1
37) Benzo(a)pyrene	23.38	252	287	0.003	ng	# 1
38) Dibenzo(a,h)anthracene	25.72	278	292	0.004	ng	# 1
39) Benzo(g,h,i)perylene	26.40	276	344	0.005	ng	# 1

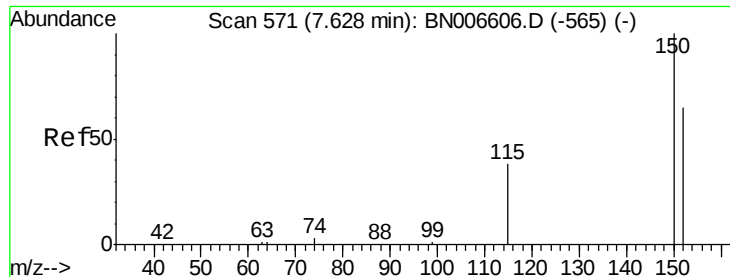
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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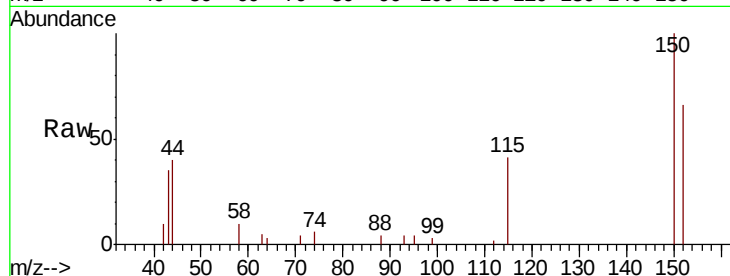


#1

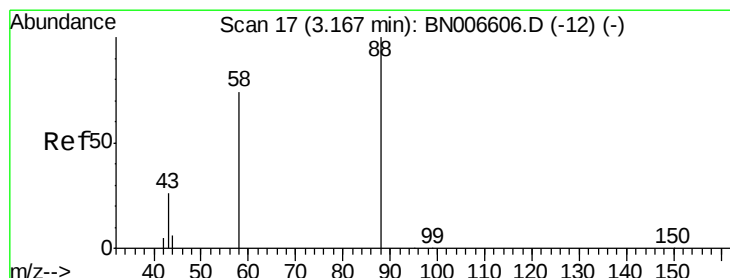
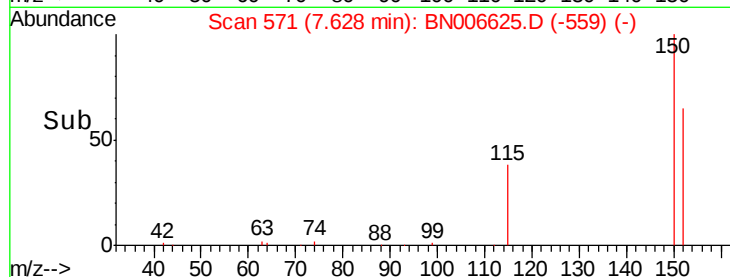
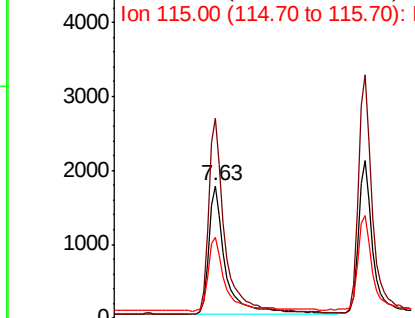
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

Tgt Ion: 152 Resp: 4188
Ion Ratio Lower Upper
152 100
150 151.4 122.2 183.2
115 61.5 50.0 75.0



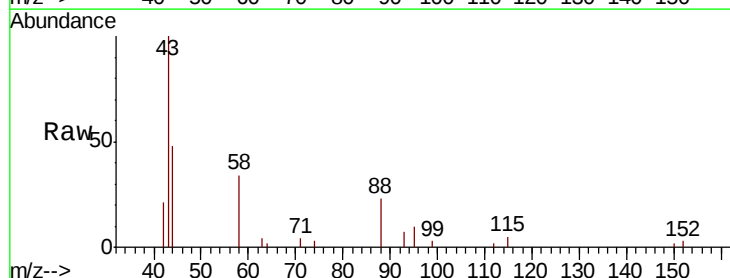
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



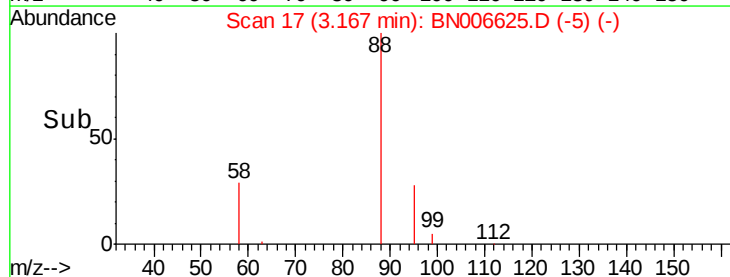
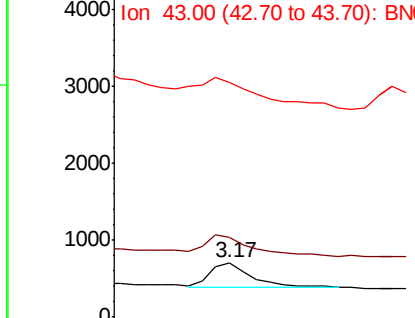
#2

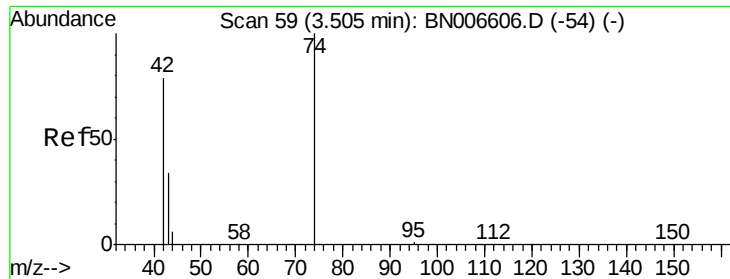
1,4-Dioxane
Concen: 0.097 ng
RT: 3.17 min Scan# 17
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion: 88 Resp: 563
Ion Ratio Lower Upper
88 100
58 95.0 62.5 93.7#
43 180.5 25.4 38.0#



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: 0.019 ng

RT: 3.55 min Scan# 65

Delta R.T. 0.05 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

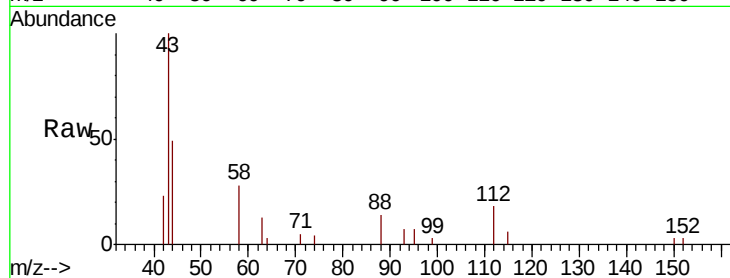
Tgt Ion: 42 Resp: 87

Ion Ratio Lower Upper

42 100

74 11.5 103.1 154.7#

44 26.4 3.4 5.2#

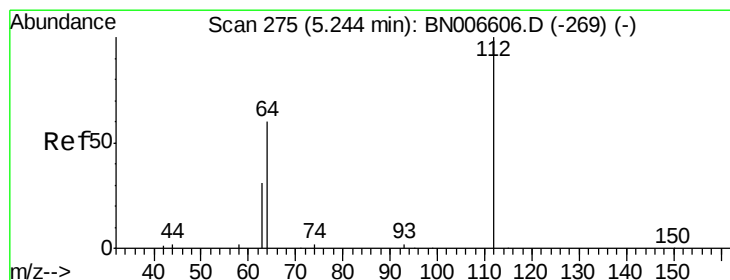
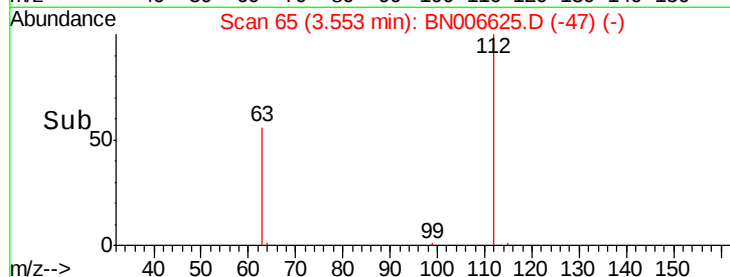
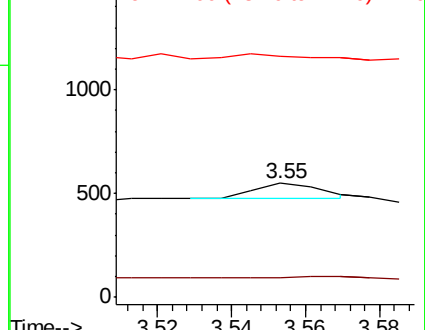


Abundance

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: 0.134 ng

RT: 5.24 min Scan# 275

Delta R.T. 0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

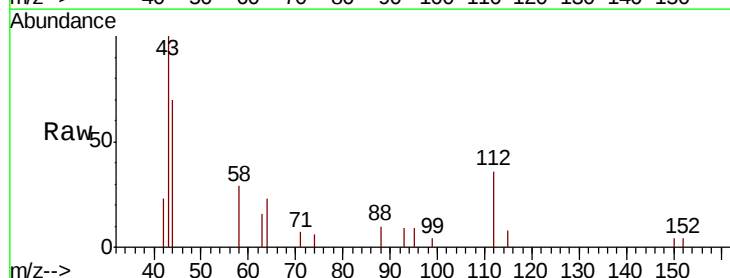
Tgt Ion: 112 Resp: 1376

Ion Ratio Lower Upper

112 100

64 70.5 48.9 73.3

63 37.9 24.3 36.5#

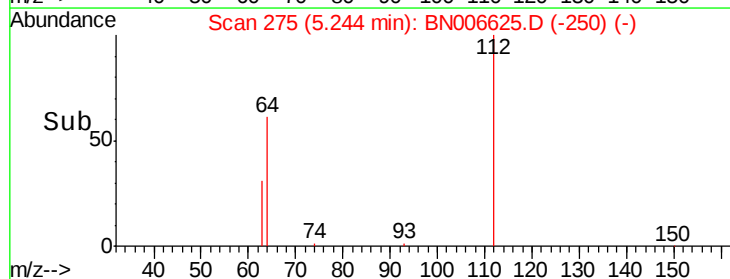
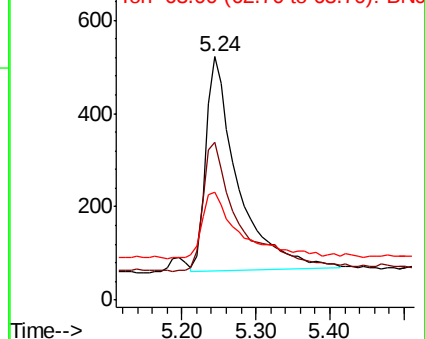


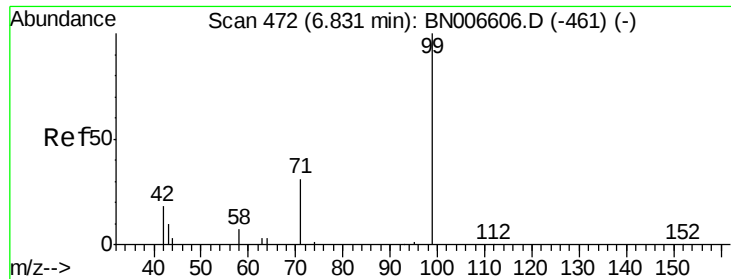
Abundance

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: 0.093 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

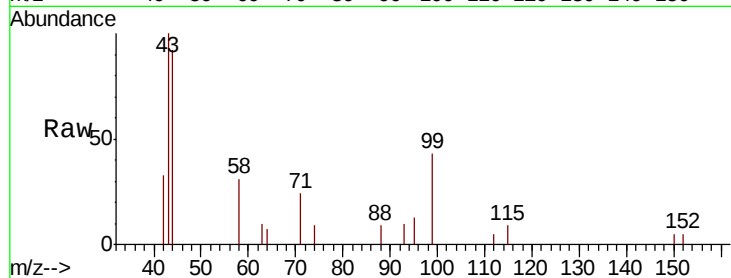
Tgt Ion: 99 Resp: 1268

Ion Ratio Lower Upper

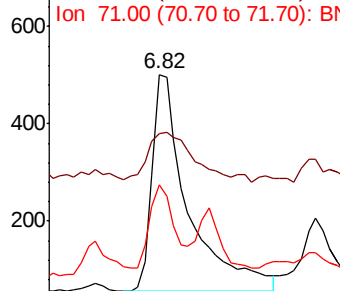
99 100

42 30.4 16.4 24.6#

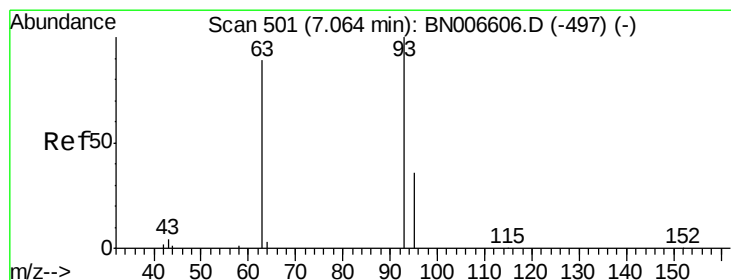
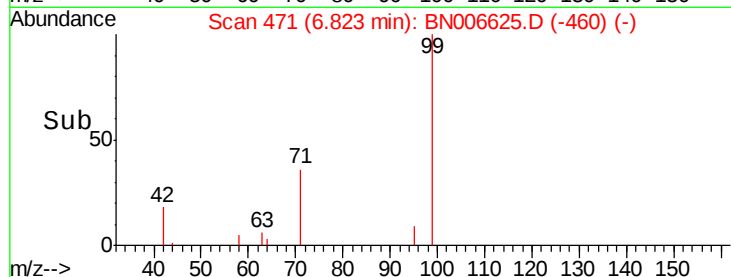
71 25.8 26.6 40.0#



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



Time--> 6.70 6.80 6.90 7.00



#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.02 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

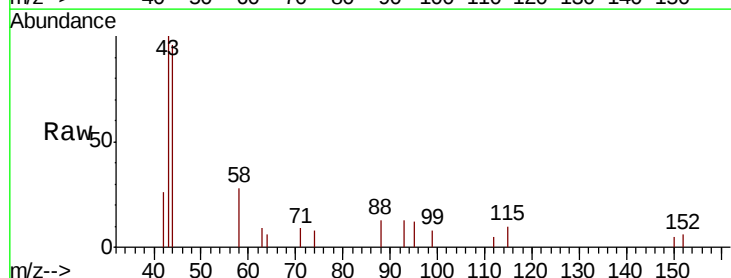
Tgt Ion: 93 Resp: 36

Ion Ratio Lower Upper

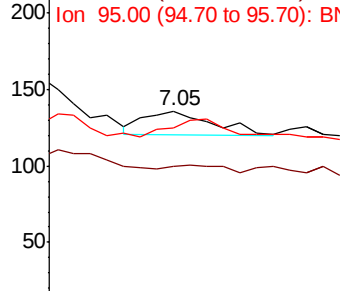
93 100

63 22.2 52.5 78.7#

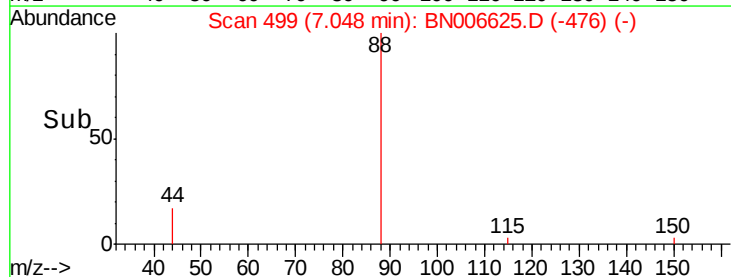
95 102.8 24.2 36.4#

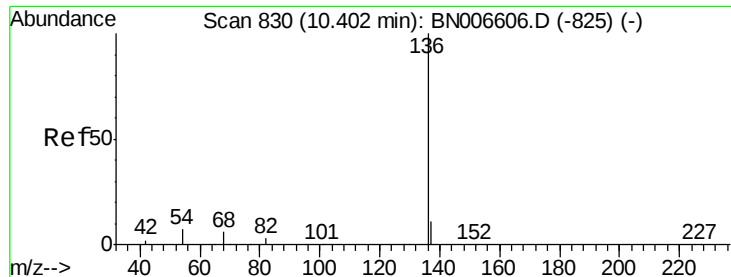


Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC



Time--> 7.00 7.05 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

Tgt Ion:136 Resp: 17707

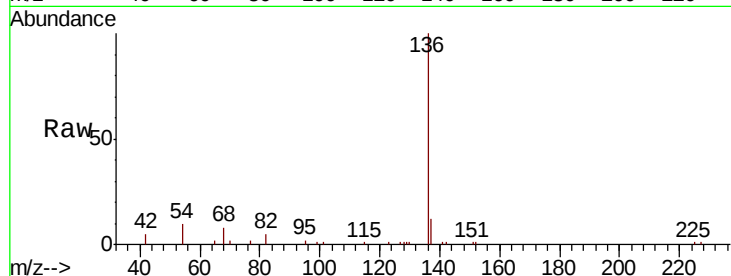
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 9.5 6.7 10.1

68 7.6 5.3 7.9

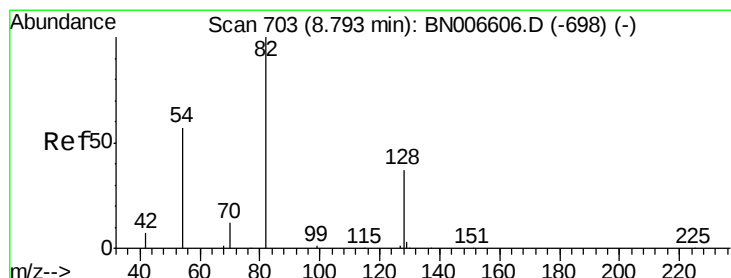
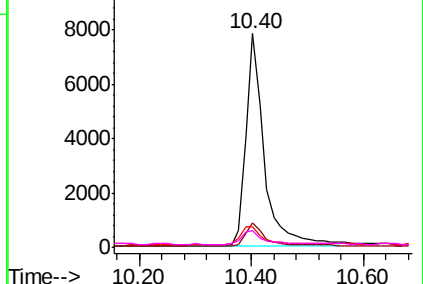
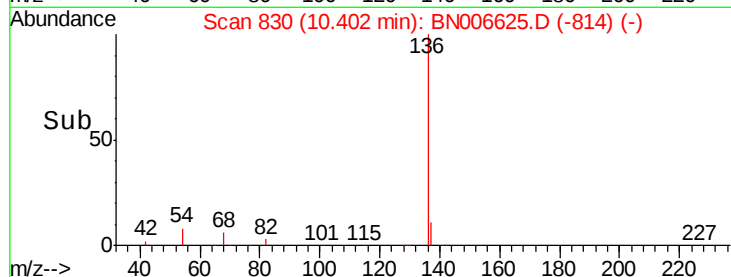


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

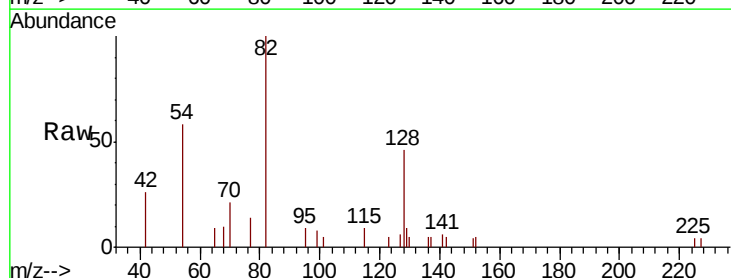
Tgt Ion: 82 Resp: 4699

Ion Ratio Lower Upper

82 100

128 45.8 32.6 49.0

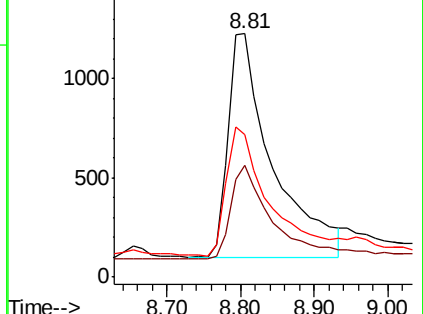
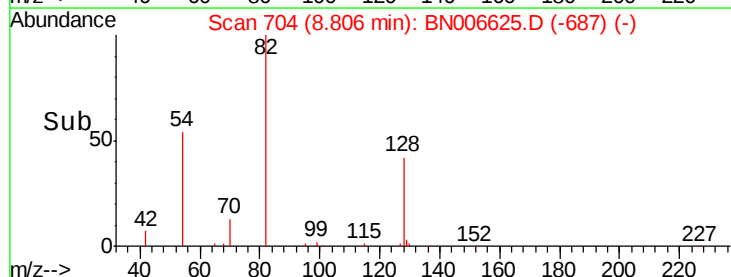
54 58.4 48.2 72.4

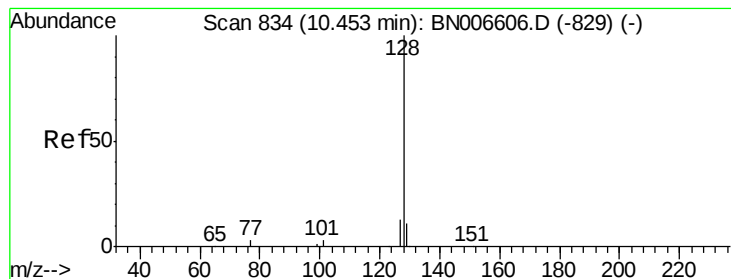


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.008 ng

RT: 10.45 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

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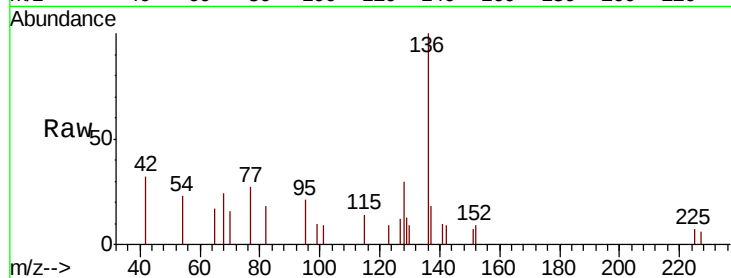
Tgt Ion:128 Resp: 370

Ion Ratio Lower Upper

128 100

129 44.3 9.3 13.9#

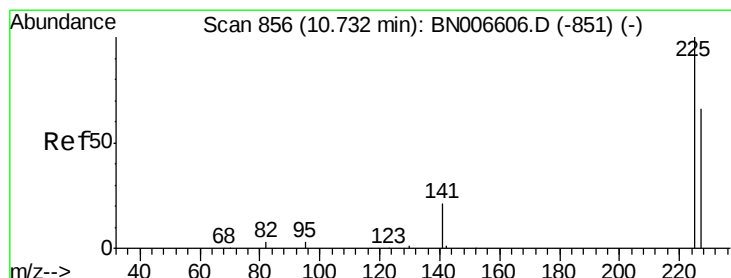
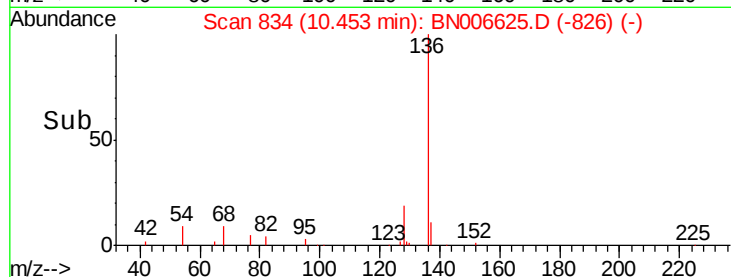
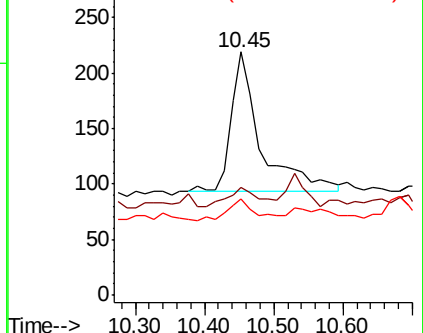
127 39.3 10.8 16.2#



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: 0.002 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

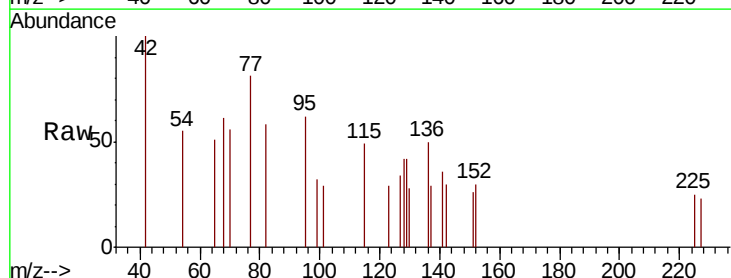
Tgt Ion:225 Resp: 18

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

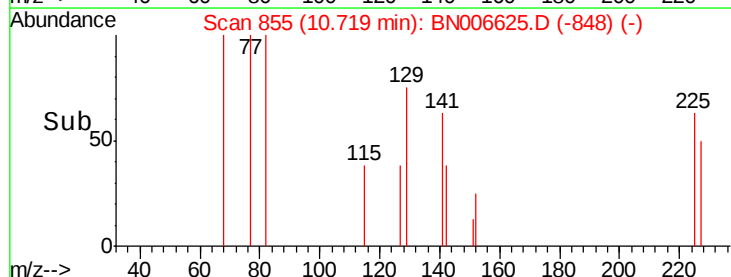
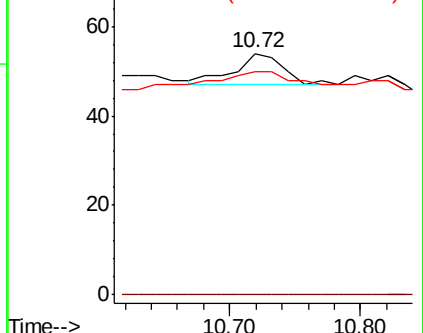
227 50.0 51.4 77.2#

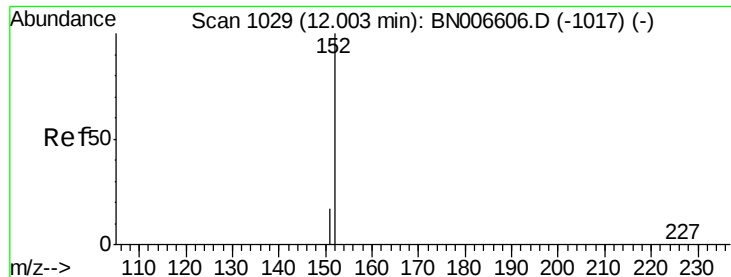


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

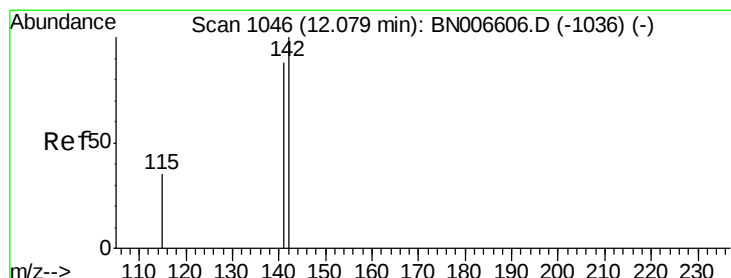
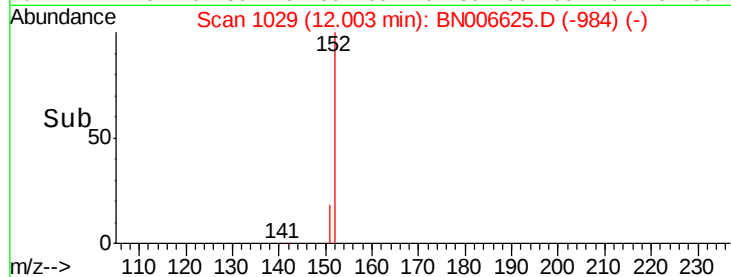
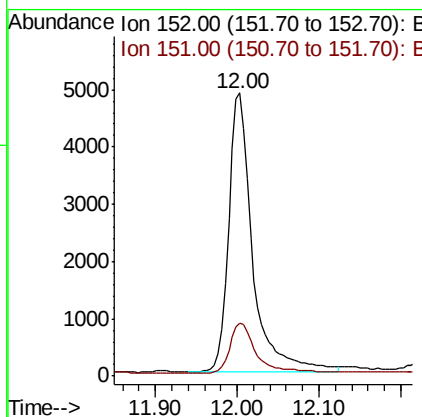
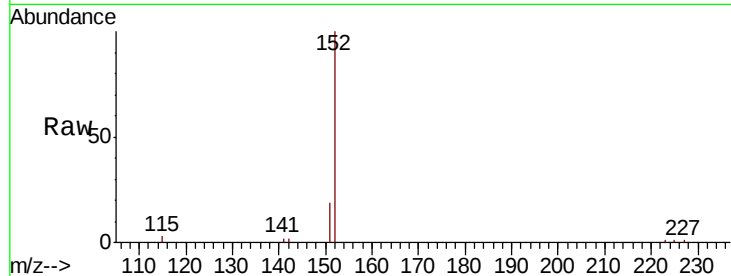




#11
 2-Methylnaphthalene-d10
 Concen: 0.359 ng
 RT: 12.00 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BN006625.D
 Acq: 28 Jun 2019 22:10

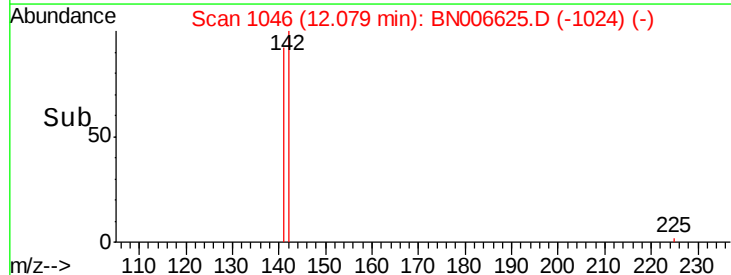
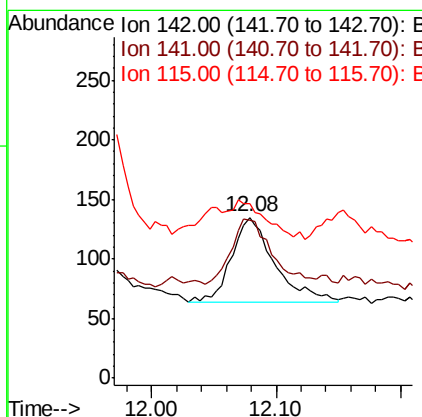
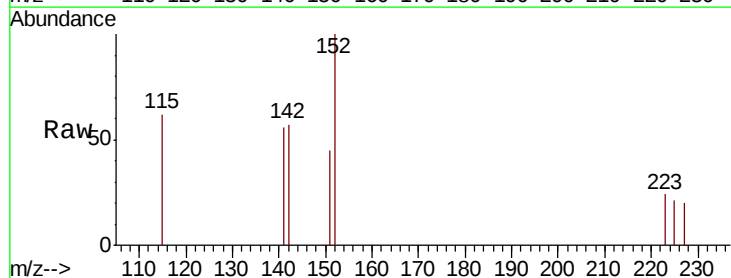
Instrument :
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 KY038PS027-190617

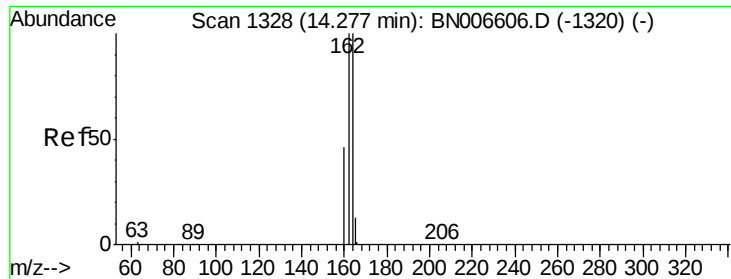
Tgt Ion:152 Resp: 10011
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.005 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BN006625.D
 Acq: 28 Jun 2019 22:10

Tgt Ion:142 Resp: 169
 Ion Ratio Lower Upper
 142 100
 141 97.8 70.2 105.4
 115 108.9 28.5 42.7#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

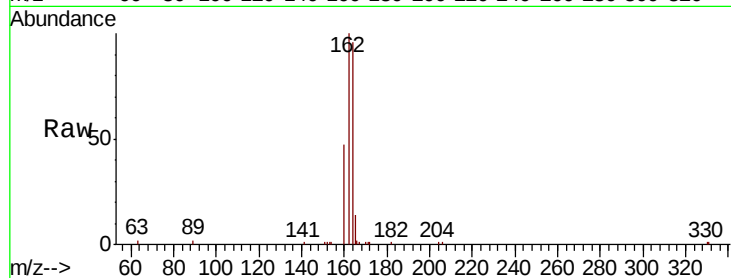
Tgt Ion:164 Resp: 11984

Ion Ratio Lower Upper

164 100

162 103.7 80.0 120.0

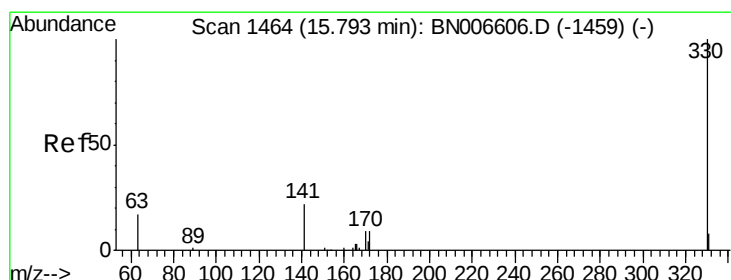
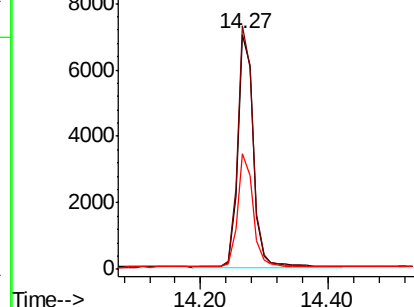
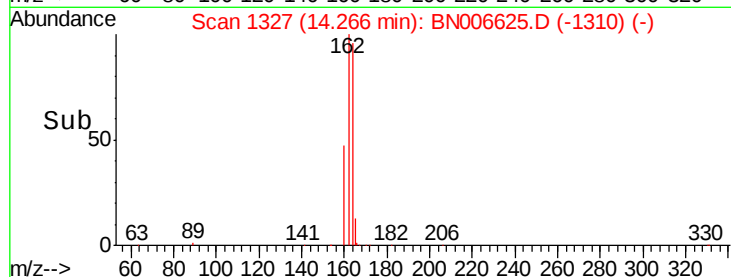
160 49.1 37.0 55.4



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: 0.343 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

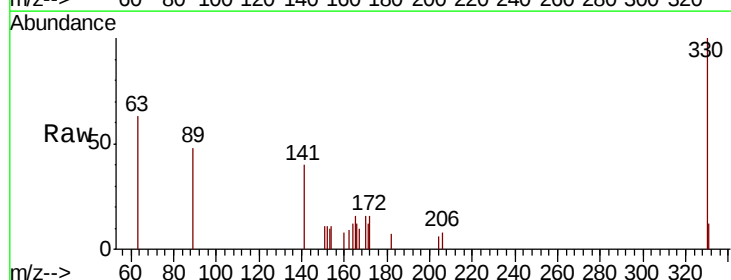
Tgt Ion:330 Resp: 1936

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

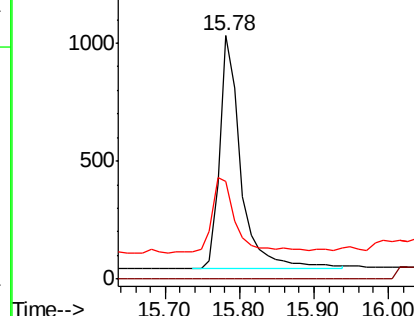
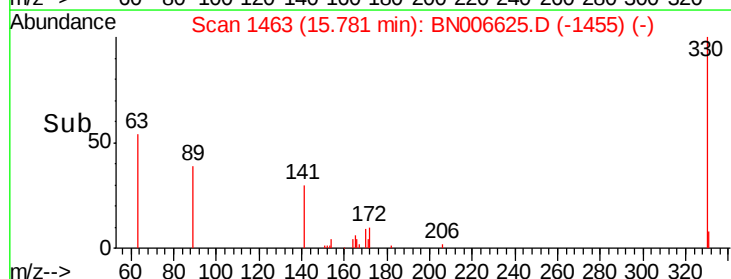
141 35.7 26.5 39.7

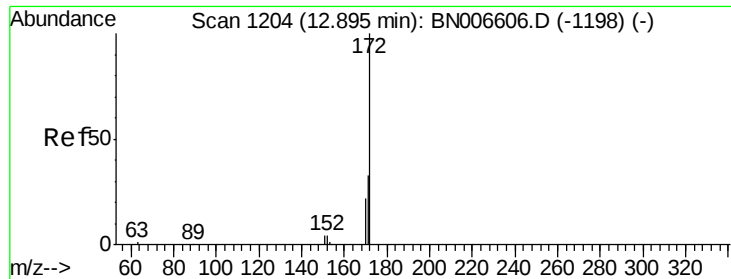


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

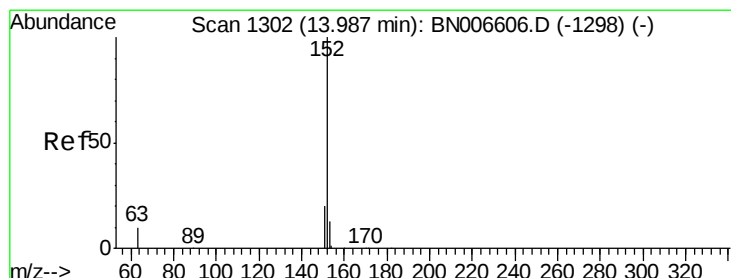
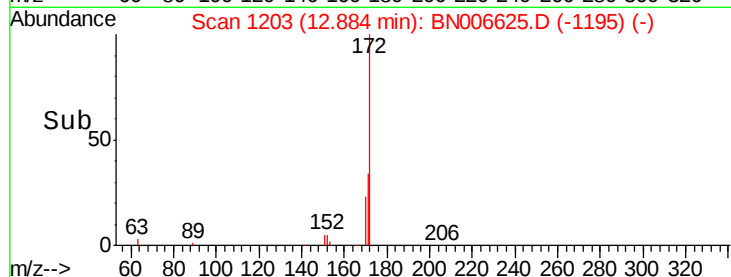
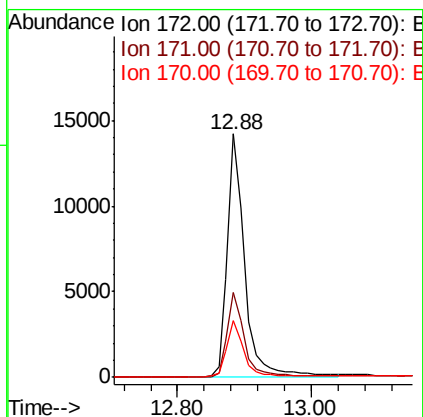
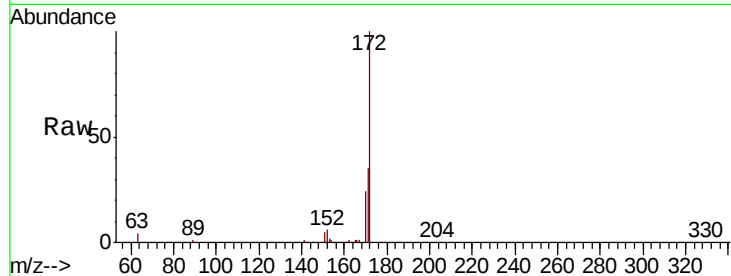




#15
2-Fluorobiphenyl
Concen: 0.568 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

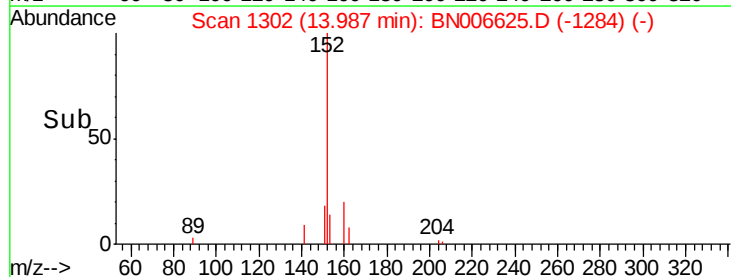
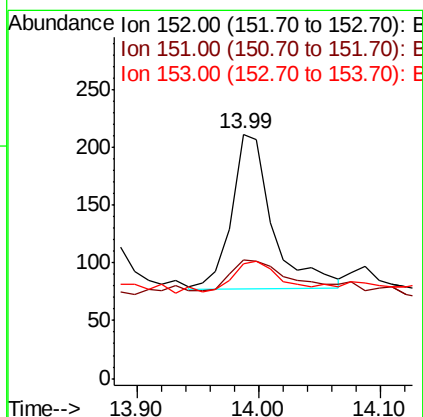
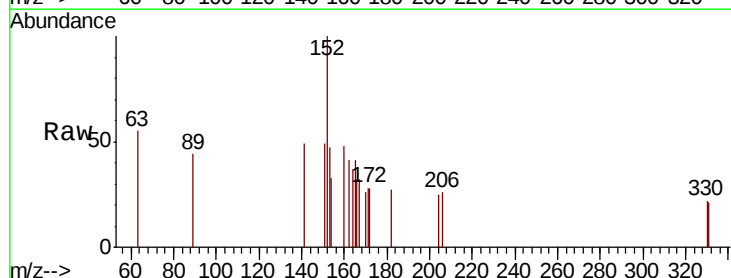
Instrument :
BNA_N
ClientSampleId :
KY038PS027-190617

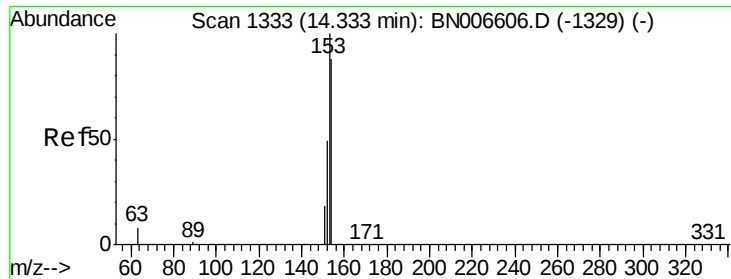
Tgt Ion:172 Resp: 25238
Ion Ratio Lower Upper
172 100
171 34.7 27.0 40.4
170 23.6 17.7 26.5



#16
Acenaphthylene
Concen: 0.006 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006625.D
Acq: 28 Jun 2019 22:10

Tgt Ion:152 Resp: 316
Ion Ratio Lower Upper
152 100
151 40.2 15.6 23.4#
153 21.5 10.5 15.7#





#17

Acenaphthene

Concen: 0.003 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

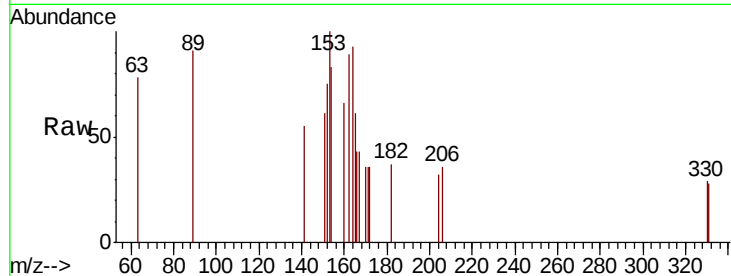
Tgt Ion:154 Resp: 117

Ion Ratio Lower Upper

154 100

153 124.8 90.2 135.4

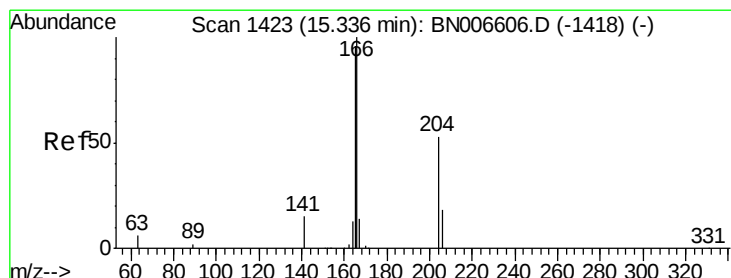
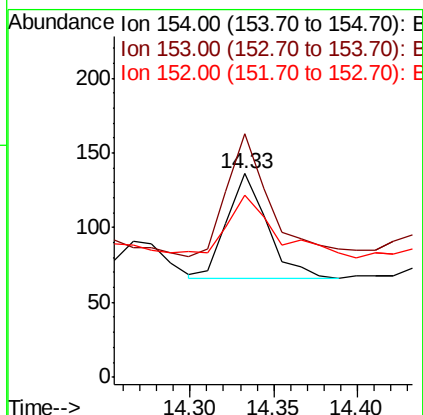
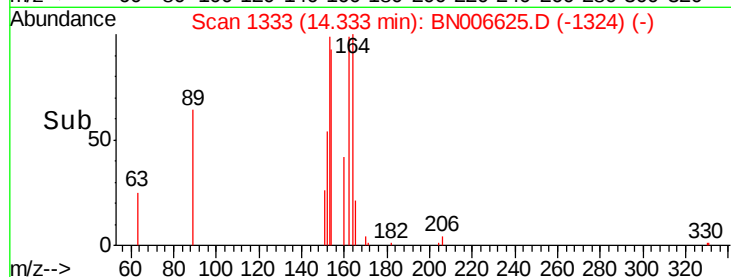
152 72.6 44.2 66.4#



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: 0.005 ng

RT: 15.34 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

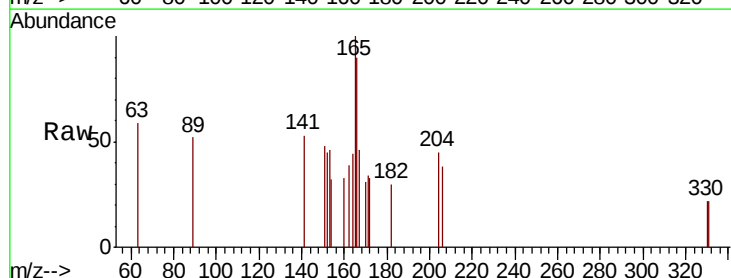
Tgt Ion:166 Resp: 227

Ion Ratio Lower Upper

166 100

165 100.0 78.4 117.6

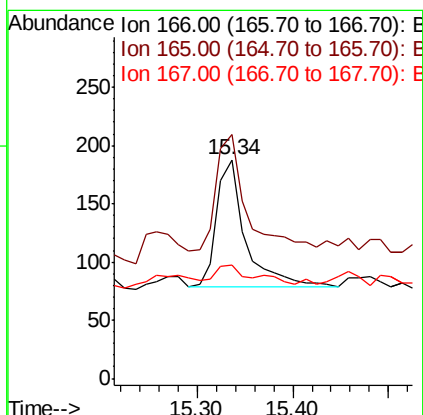
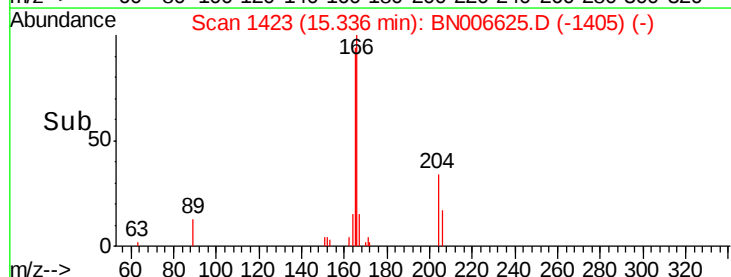
167 10.1 10.8 16.2#

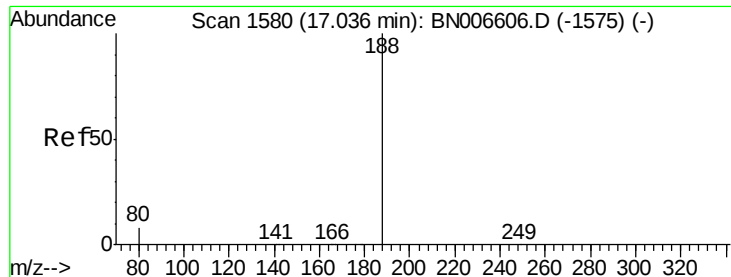


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

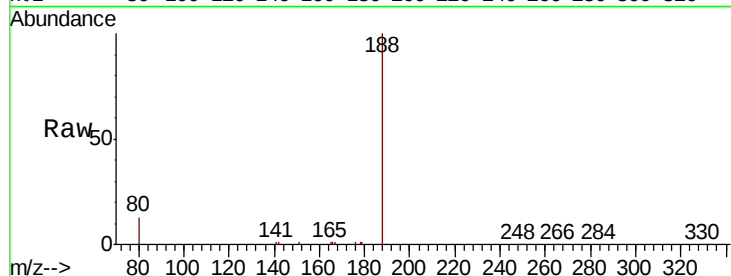
Tgt Ion:188 Resp: 28093

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

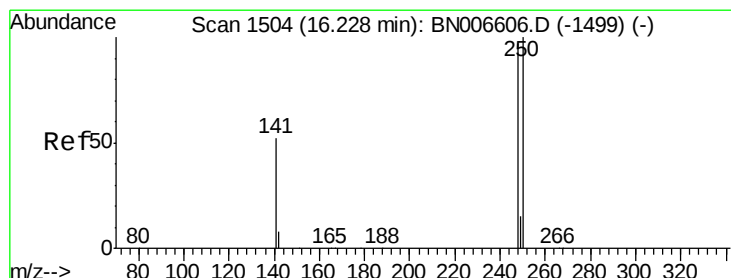
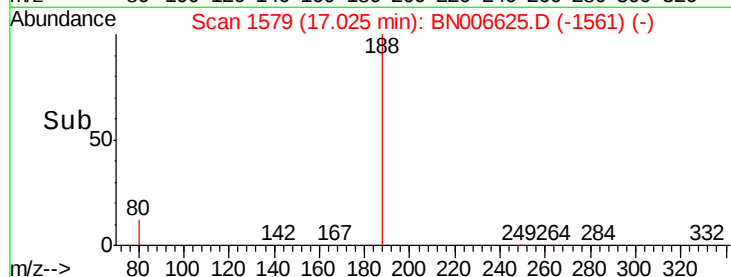
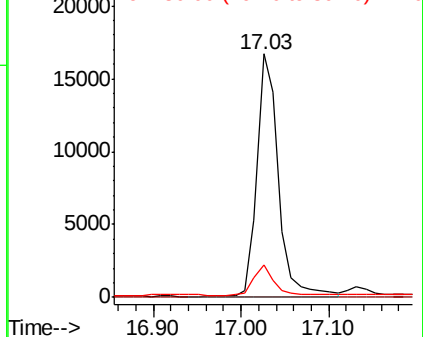
80 13.1 7.1 10.7#



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: 0.002 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

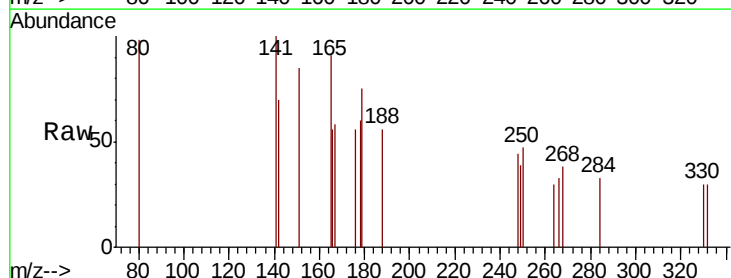
Tgt Ion:248 Resp: 35

Ion Ratio Lower Upper

248 100

250 107.2 82.2 123.4

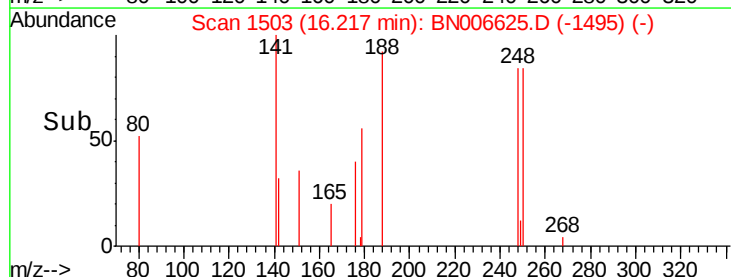
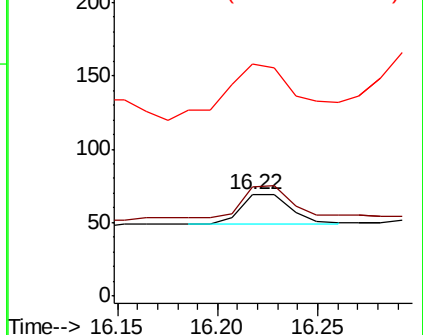
141 229.0 43.8 65.8#

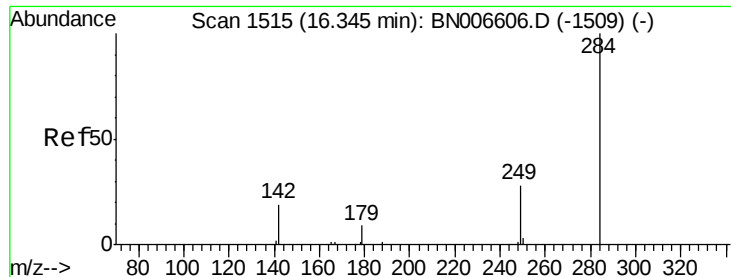


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.004 ng

RT: 16.35 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

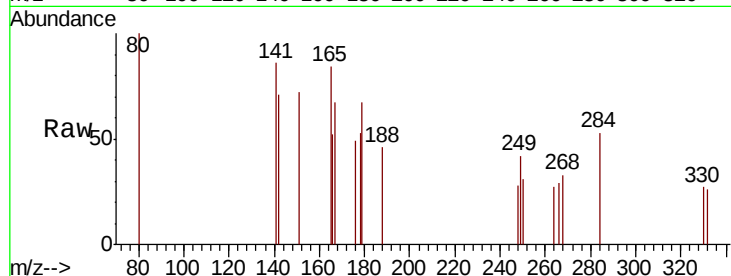
Tgt Ion:284 Resp: 79

Ion Ratio Lower Upper

284 100

142 0.0 27.5 41.3#

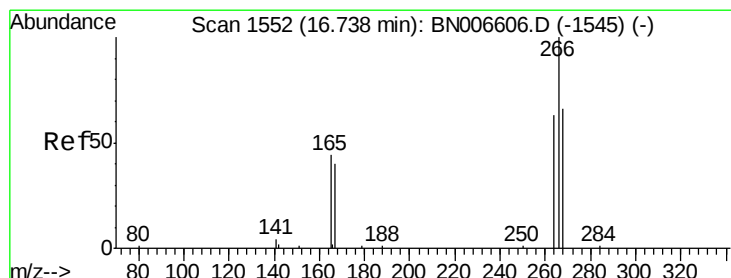
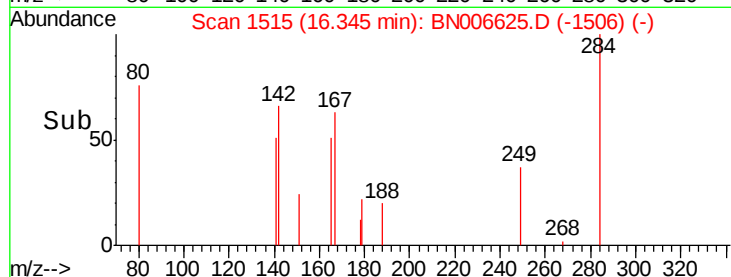
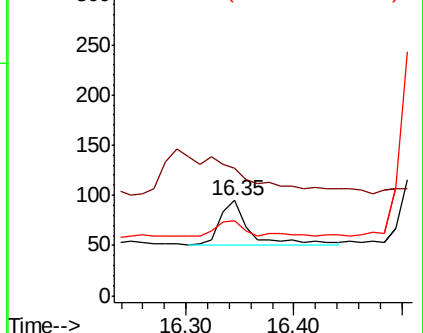
249 34.2 24.7 37.1



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: 0.202 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

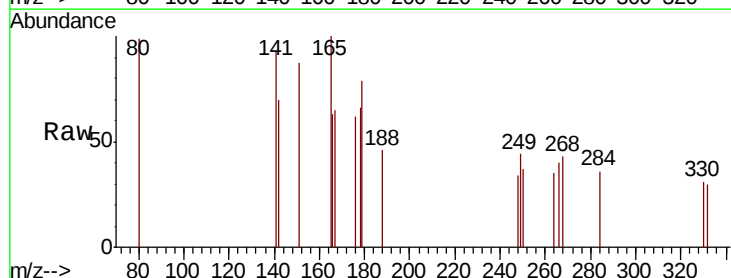
Tgt Ion:266 Resp: 46

Ion Ratio Lower Upper

266 100

264 86.9 56.2 84.4#

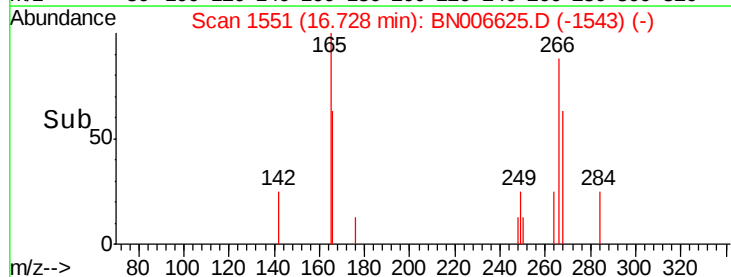
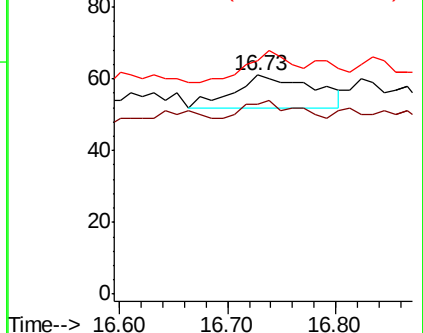
268 106.6 63.0 94.4#

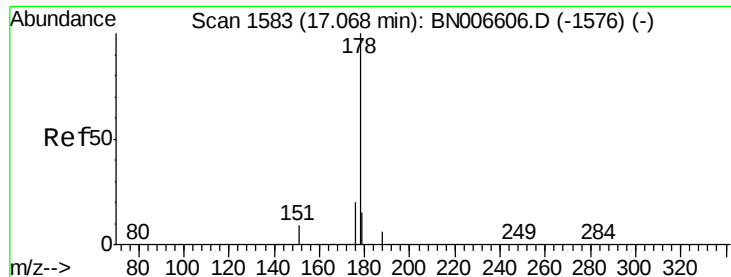


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.019 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.10 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

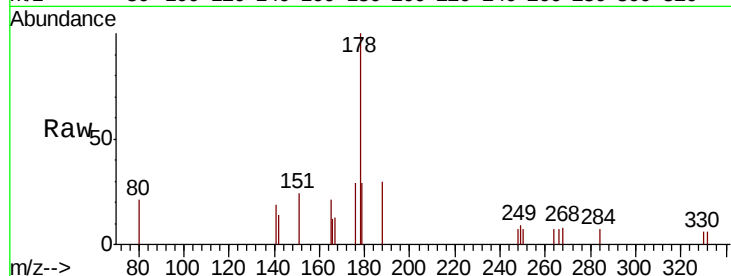
Tgt Ion:178 Resp: 1512

Ion Ratio Lower Upper

178 100

176 22.0 15.3 22.9

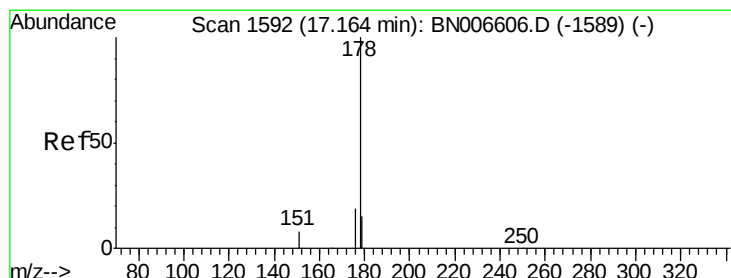
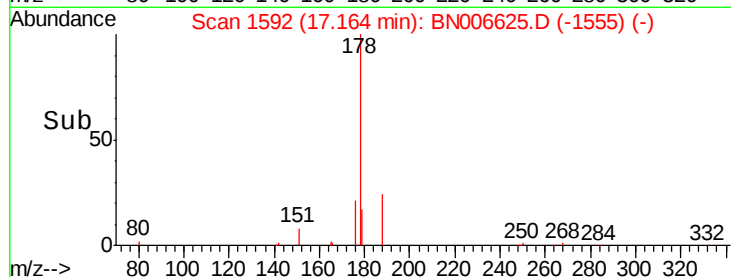
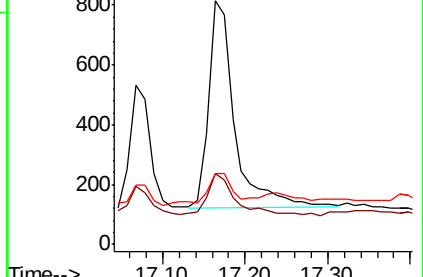
179 13.8 12.2 18.4



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: 0.021 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

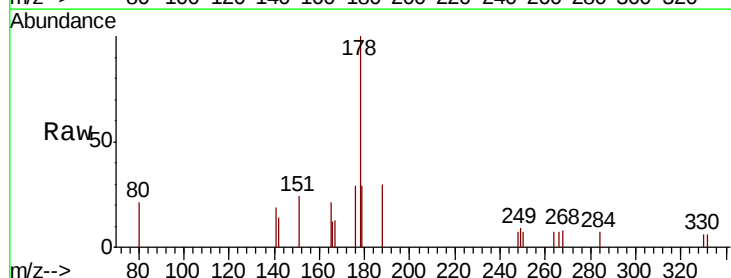
Tgt Ion:178 Resp: 1485

Ion Ratio Lower Upper

178 100

176 22.4 15.0 22.4

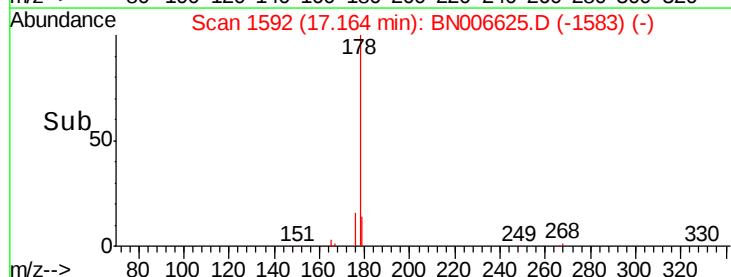
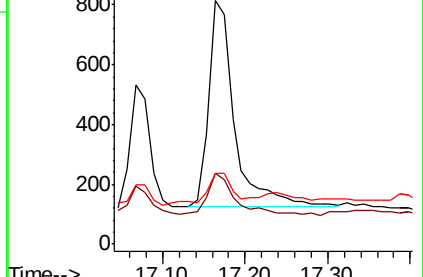
179 16.2 12.2 18.2

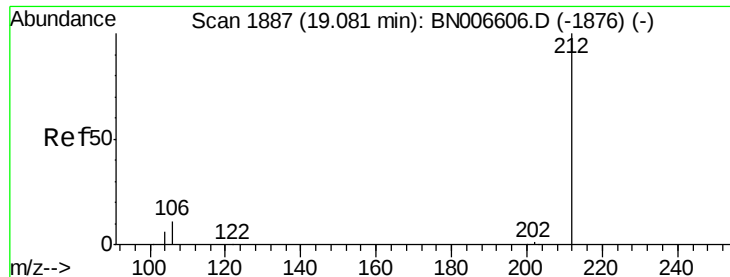


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

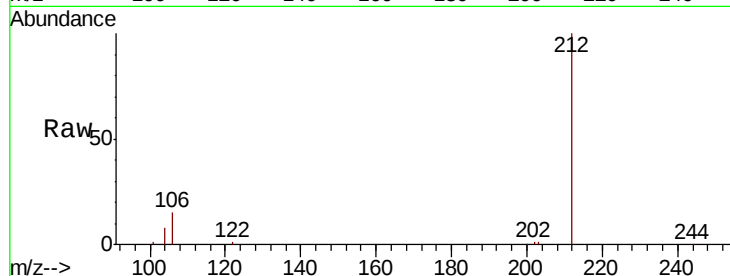
Tgt Ion:212 Resp: 30901

Ion Ratio Lower Upper

212 100

106 13.6 10.6 15.8

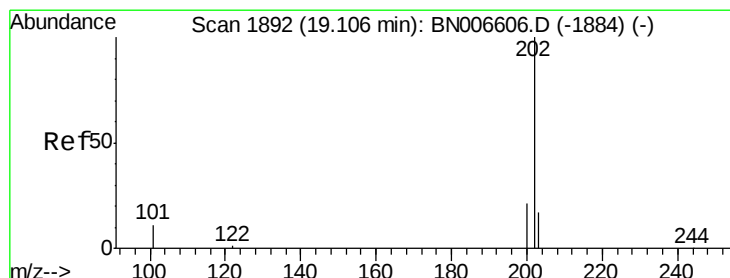
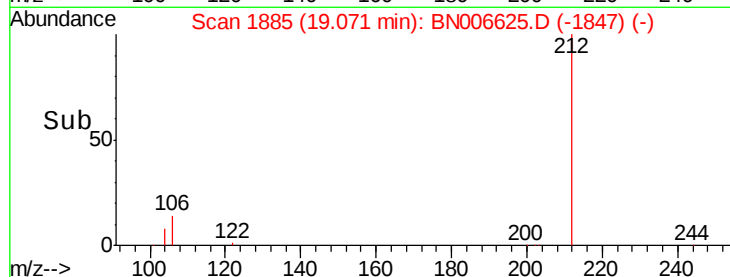
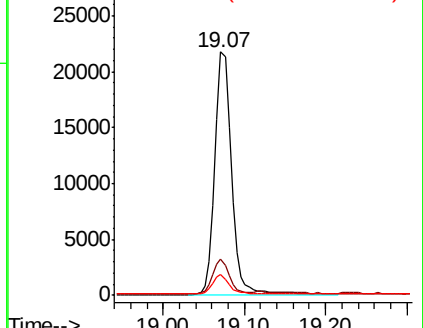
104 7.6 5.8 8.6



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: 0.007 ng

RT: 19.11 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

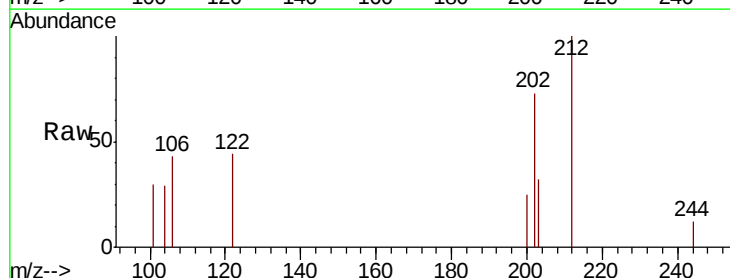
Tgt Ion:202 Resp: 647

Ion Ratio Lower Upper

202 100

101 26.4 8.9 13.3#

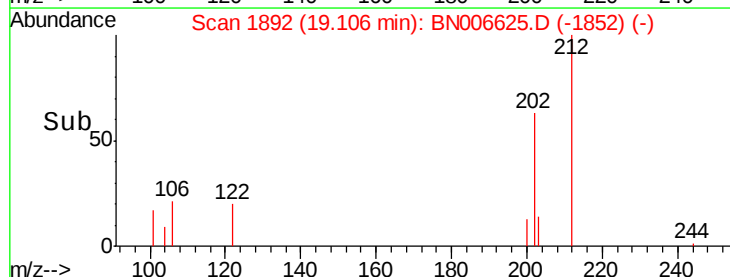
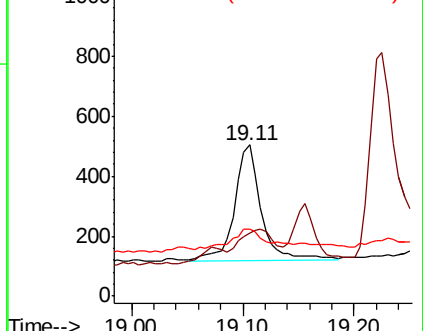
203 22.7 13.6 20.4#

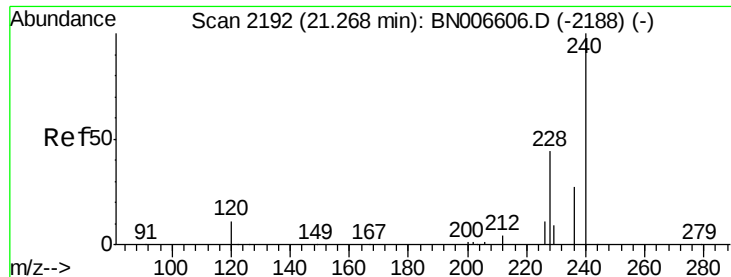


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

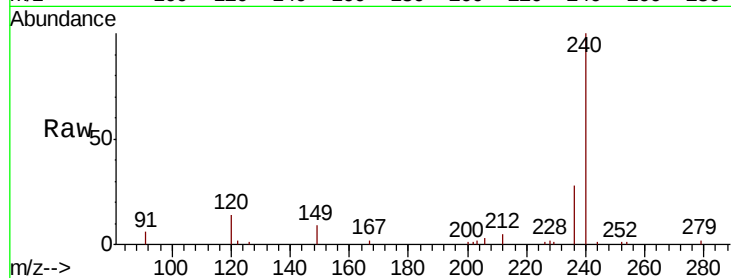
Tgt Ion:240 Resp: 28261

Ion Ratio Lower Upper

240 100

120 13.8 9.9 14.9

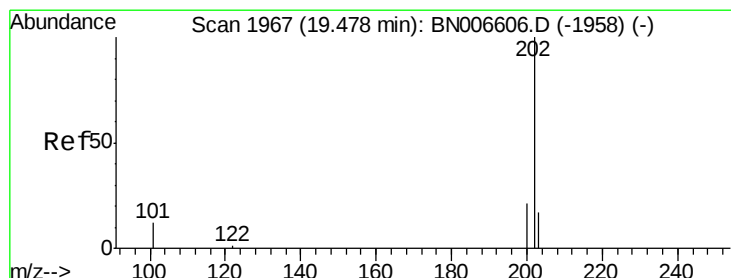
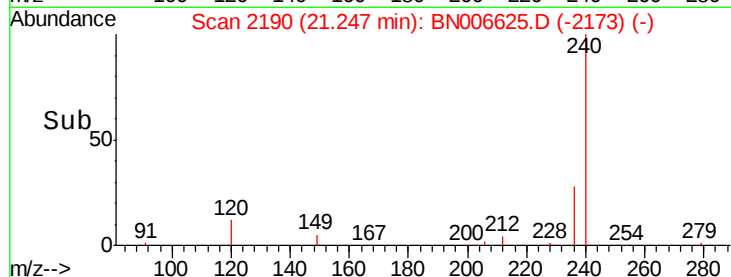
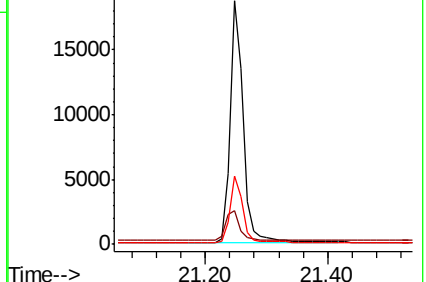
236 28.1 22.2 33.4



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: 0.007 ng

RT: 19.47 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

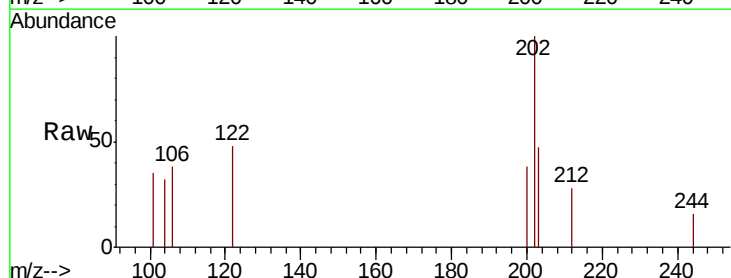
Tgt Ion:202 Resp: 665

Ion Ratio Lower Upper

202 100

200 23.2 16.7 25.1

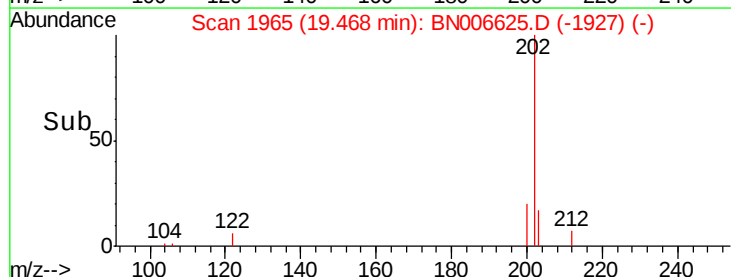
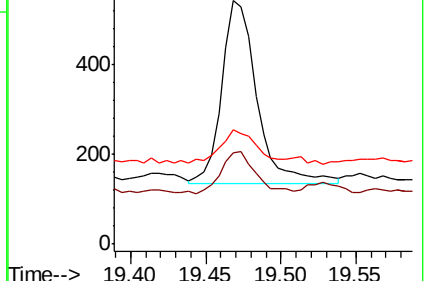
203 17.7 14.1 21.1

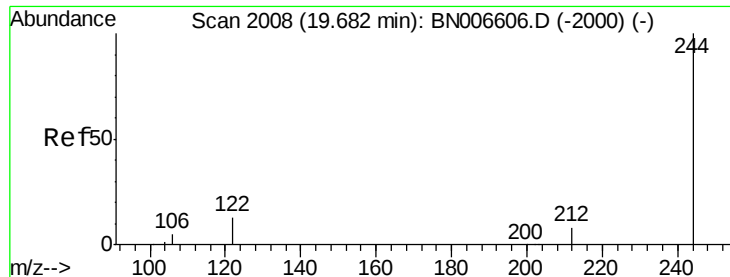


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.495 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

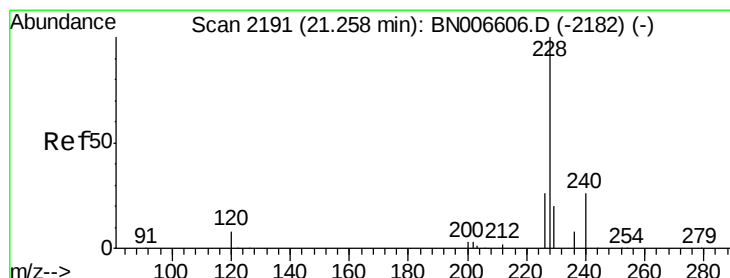
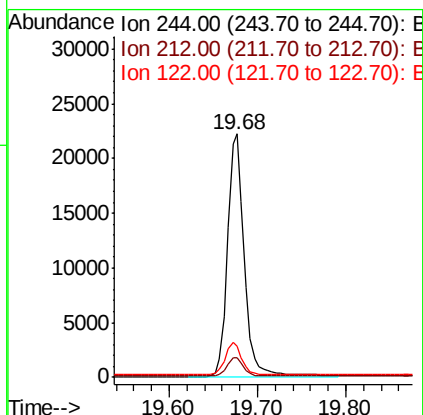
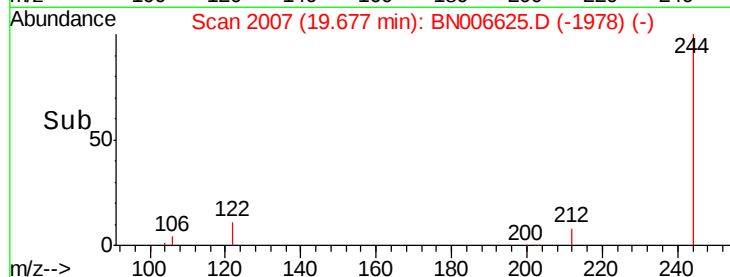
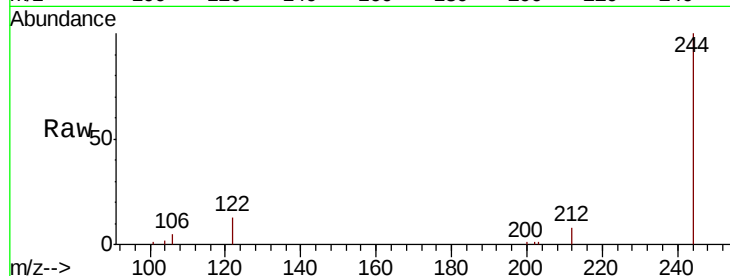
Tgt Ion:244 Resp: 29328

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 12.8 11.0 16.6



#30

Benzo(a)anthracene

Concen: 0.006 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

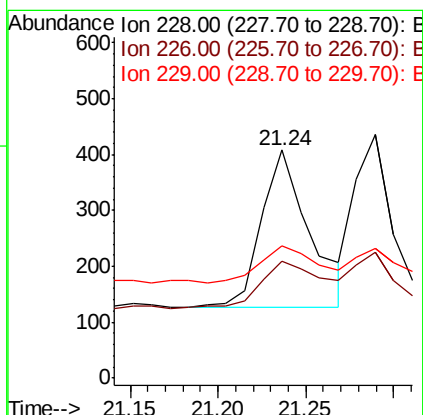
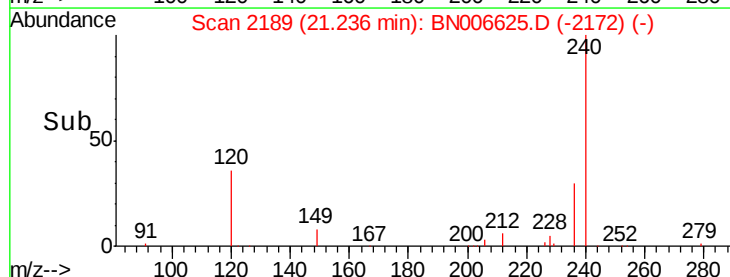
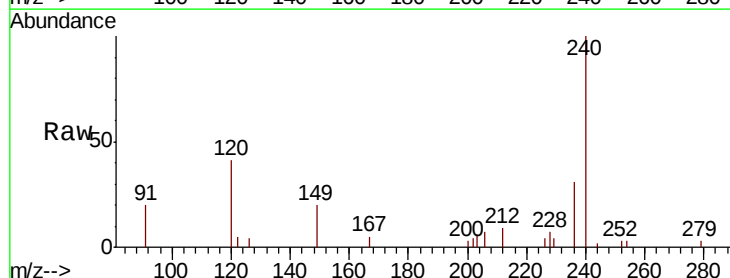
Tgt Ion:228 Resp: 541

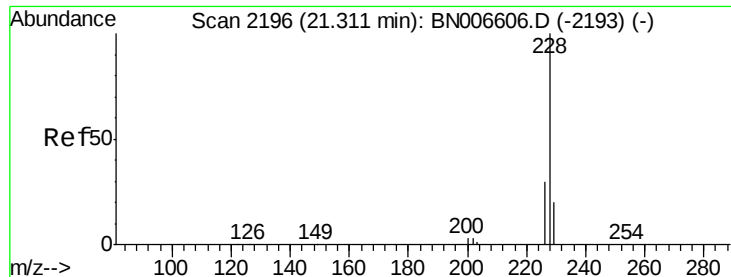
Ion Ratio Lower Upper

228 100

226 51.5 21.2 31.8#

229 58.1 16.1 24.1#





#31

Chrysene

Concen: 0.004 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

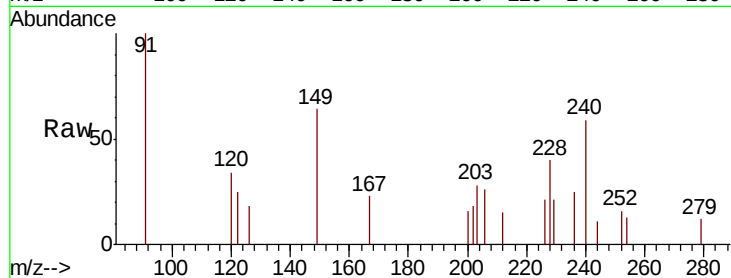
Tgt Ion:228 Resp: 441

Ion Ratio Lower Upper

228 100

226 51.8 23.8 35.6#

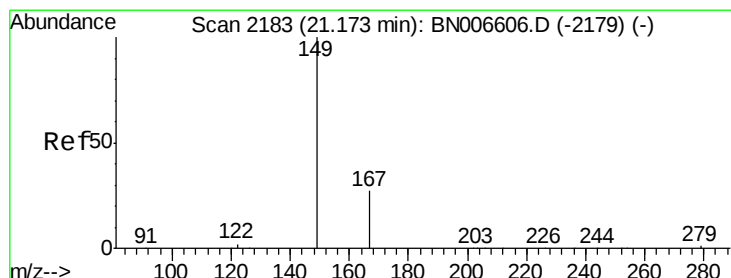
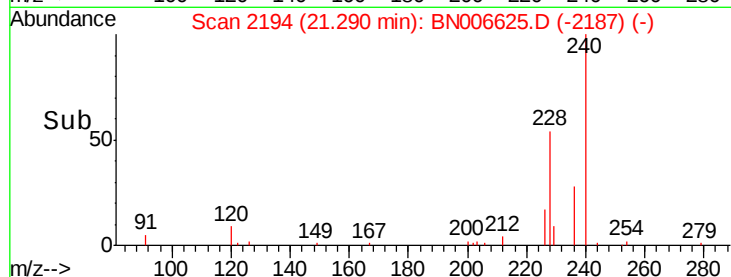
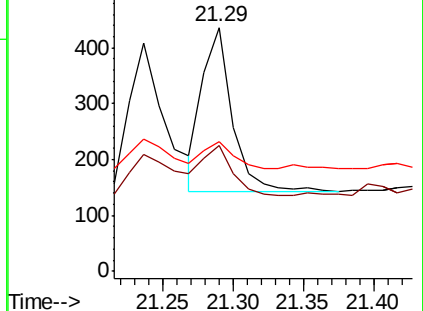
229 53.2 15.9 23.9#



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: 0.111 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

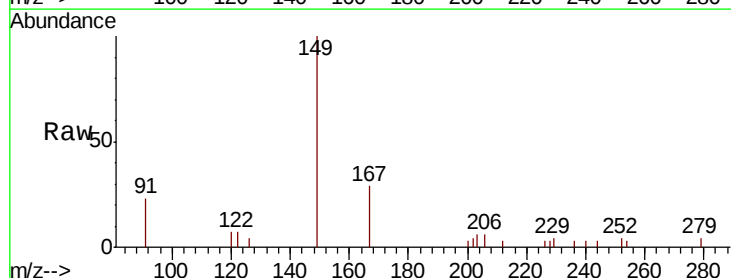
Tgt Ion:149 Resp: 5144

Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

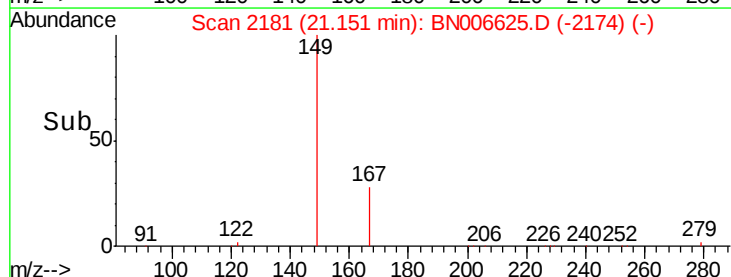
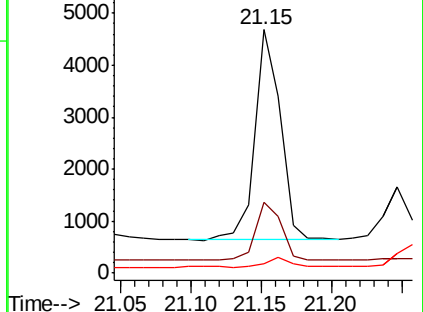
279 4.0 3.3 4.9

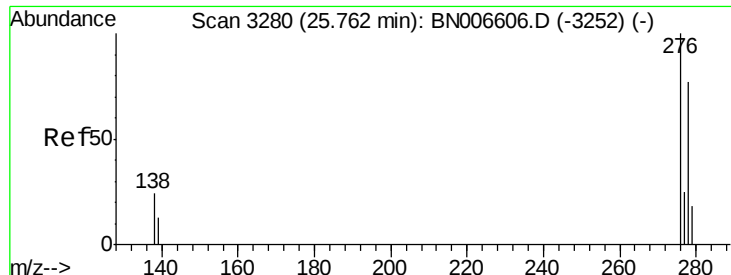


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.004 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.04 min

Lab File: BN006625.D

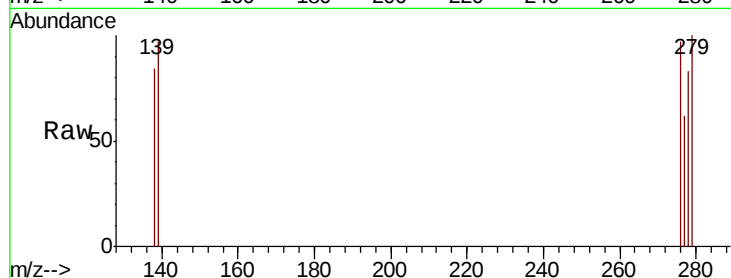
Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617



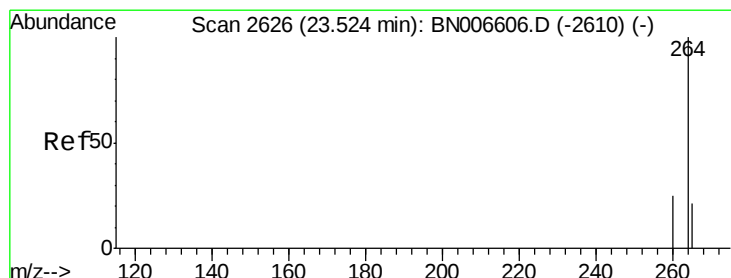
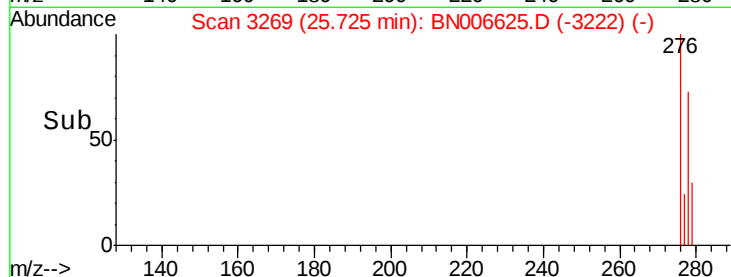
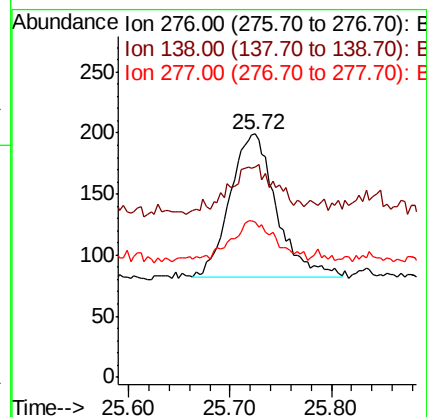
Tgt Ion:276 Resp: 374

Ion Ratio Lower Upper

276 100

138 26.5 19.3 28.9

277 26.5 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.48 min Scan# 2613

Delta R.T. -0.04 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

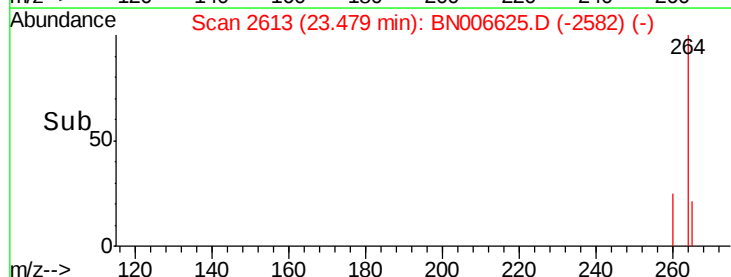
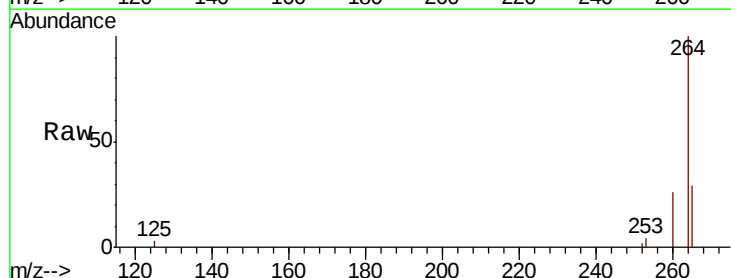
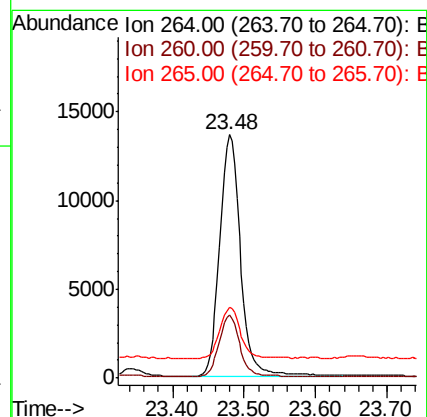
Tgt Ion:264 Resp: 27385

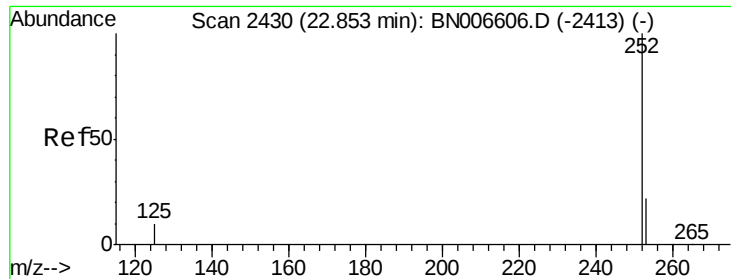
Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 29.1 23.3 34.9





#35

Benzo(b)fluoranthene

Concen: 0.008 ng

RT: 22.82 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

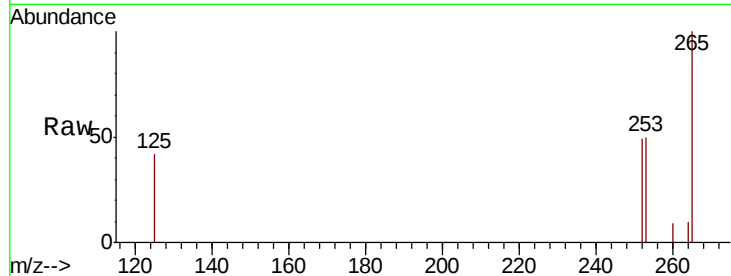
Tgt Ion:252 Resp: 717

Ion Ratio Lower Upper

252 100

253 101.1 18.4 27.6#

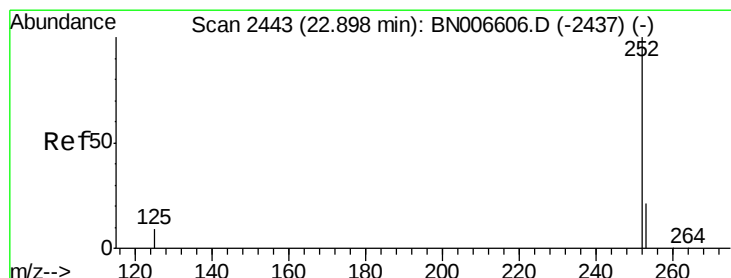
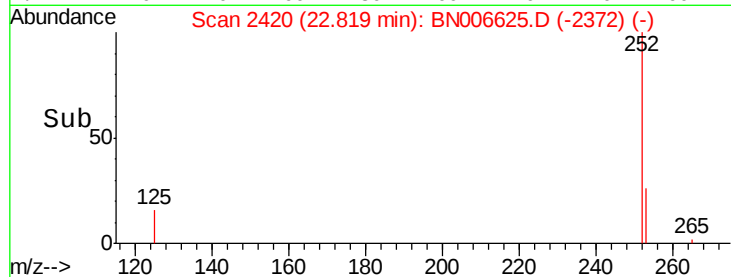
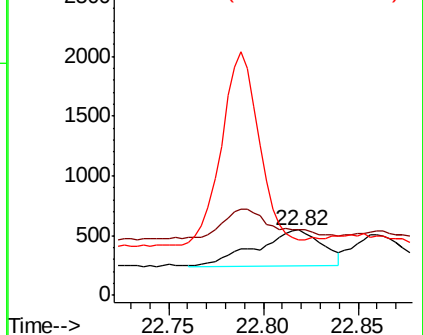
125 84.8 8.7 13.1#



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: 0.005 ng

RT: 22.86 min Scan# 2432

Delta R.T. -0.04 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

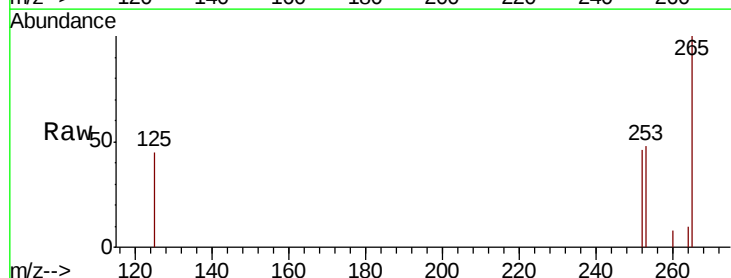
Tgt Ion:252 Resp: 520

Ion Ratio Lower Upper

252 100

253 105.1 18.3 27.5#

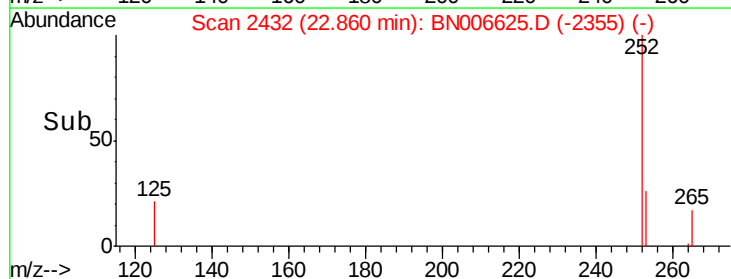
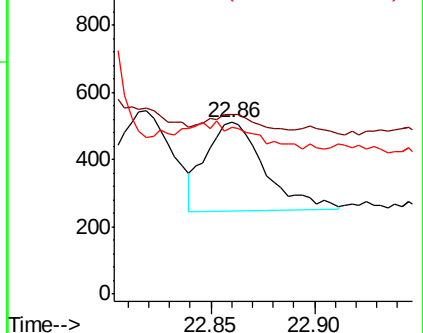
125 97.6 8.4 12.6#

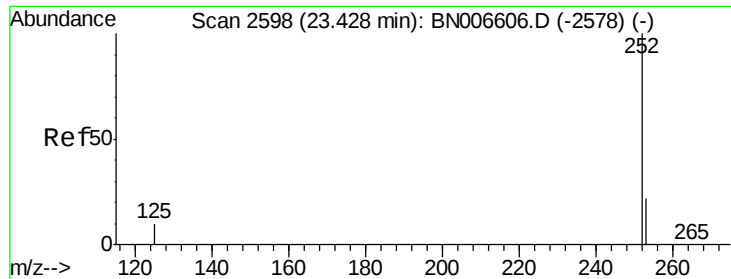


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.003 ng

RT: 23.38 min Scan# 2585

Delta R.T. -0.04 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617

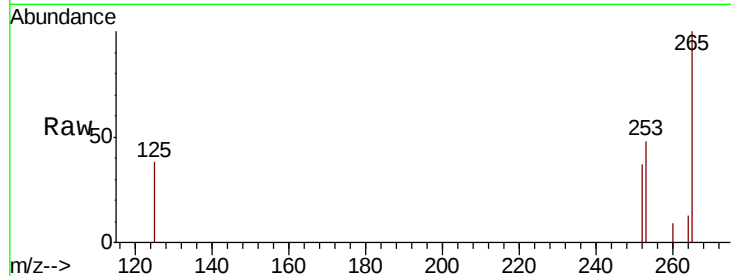
Tgt Ion:252 Resp: 287

Ion Ratio Lower Upper

252 100

253 127.5 18.8 28.2#

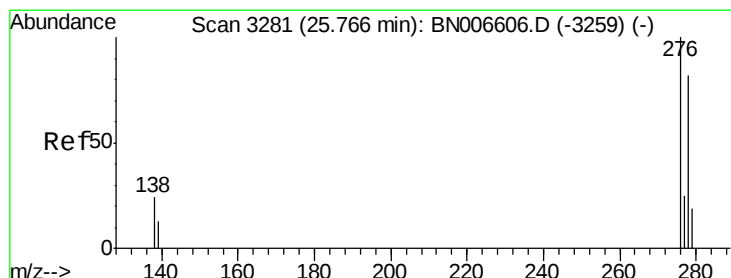
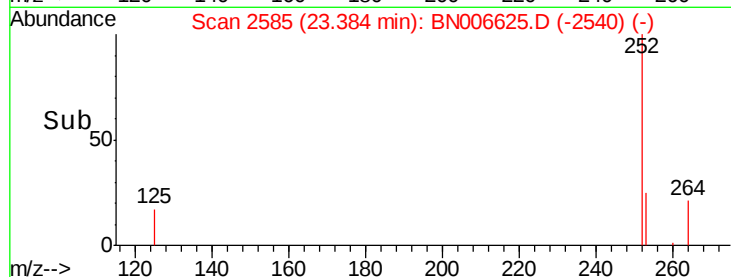
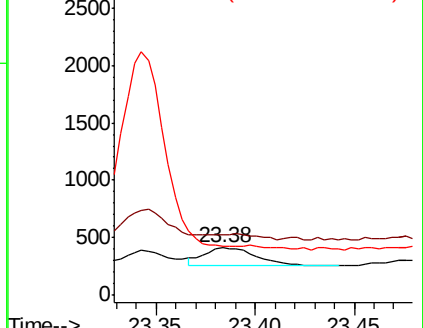
125 103.2 9.4 14.2#



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: 0.004 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.04 min

Lab File: BN006625.D

Acq: 28 Jun 2019 22:10

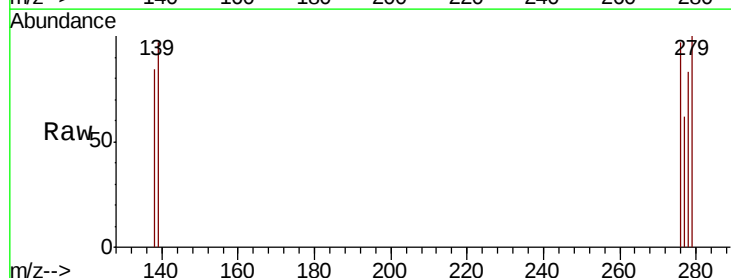
Tgt Ion:278 Resp: 292

Ion Ratio Lower Upper

278 100

139 117.1 13.5 20.3#

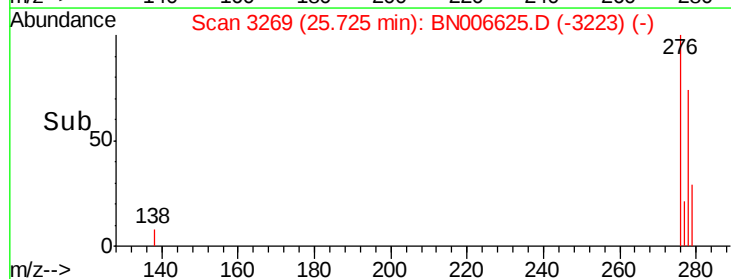
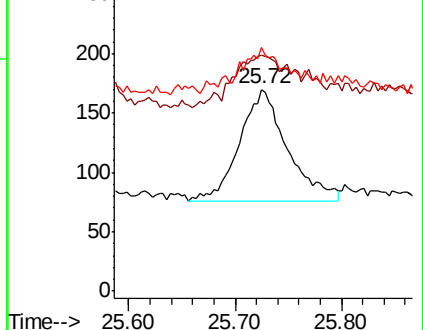
279 120.6 19.4 29.2#

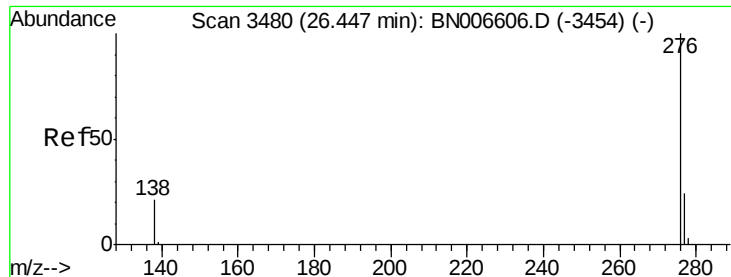


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 26.40 min Scan# 3467

Delta R.T. -0.04 min

Lab File: BN006625.D

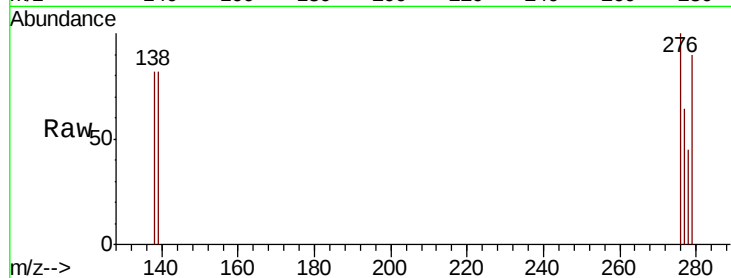
Acq: 28 Jun 2019 22:10

Instrument :

BNA_N

ClientSampleId :

KY038PS027-190617



Tgt Ion: 276 Resp: 344

Ion Ratio Lower Upper

276 100

277 63.5 19.6 29.4#

138 82.3 17.7 26.5#

