

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091219\
 Data File : BN007613.D
 Acq On : 12 Sep 2019 18:31
 Operator : HP/JU
 Sample : PB122692BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 13 02:17:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	9492	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	36715	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	20679	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	42525	0.40	ng	0.00
27) Chrysene-d12	21.27	240	42817	0.40	ng	-0.01
34) Perylene-d12	23.50	264	43390	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	10624	0.35	ng	0.00
5) Phenol-d6	6.90	99	13534	0.37	ng	0.00
8) Nitrobenzene-d5	8.86	82	11784	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	26074	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2419	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	36055	0.40	ng	0.00
25) Fluoranthene-d10	19.11	212	56394	0.42	ng	0.00
29) Terphenyl-d14	19.72	244	47424	0.42	ng	0.00

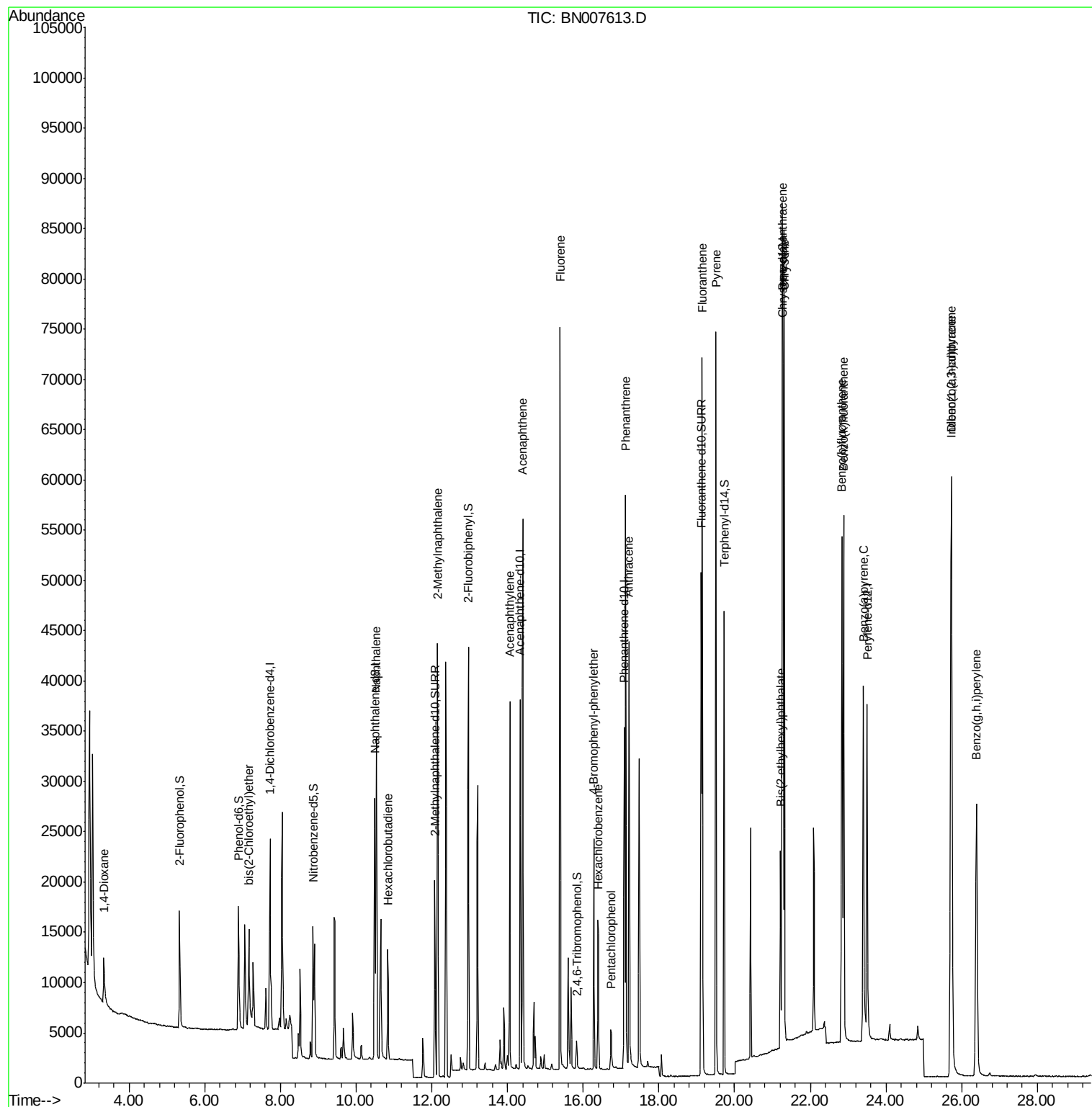
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	4308	0.379	ng	98
6) bis(2-Chloroethyl)ether	7.16	93	10514	0.377	ng	98
9) Naphthalene	10.53	128	44838	0.426	ng	99
10) Hexachlorobutadiene	10.84	225	8969	0.423	ng	# 100
12) 2-Methylnaphthalene	12.15	142	29841	0.422	ng	99
16) Acenaphthylene	14.06	152	40470	0.376	ng	100
17) Acenaphthene	14.40	154	27525	0.392	ng	100
18) Fluorene	15.39	166	34927	0.395	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	11197	0.426	ng	94
21) Hexachlorobenzene	16.40	284	12066	0.429	ng	99
22) Pentachlorophenol	16.74	266	2463	0.337	ng	99
23) Phenanthrene	17.12	178	57297	0.427	ng	100
24) Anthracene	17.21	178	49066	0.413	ng	100
26) Fluoranthene	19.14	202	66598	0.425	ng	100
28) Pyrene	19.51	202	65340	0.420	ng	100
30) Benzo(a)anthracene	21.26	228	59496	0.392	ng	99
31) Chrysene	21.31	228	68152	0.431	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	17572	0.341	ng	100
33) Indeno(1,2,3-cd)pyrene	25.72	276	72566	0.430	ng	100
35) Benzo(b)fluoranthene	22.83	252	62155	0.394	ng	99
36) Benzo(k)fluoranthene	22.88	252	66412	0.412	ng	99
37) Benzo(a)pyrene	23.40	252	53905	0.385	ng	99
38) Dibenzo(a,h)anthracene	25.73	278	59976	0.410	ng	99
39) Benzo(g,h,i)perylene	26.39	276	58394	0.403	ng	99

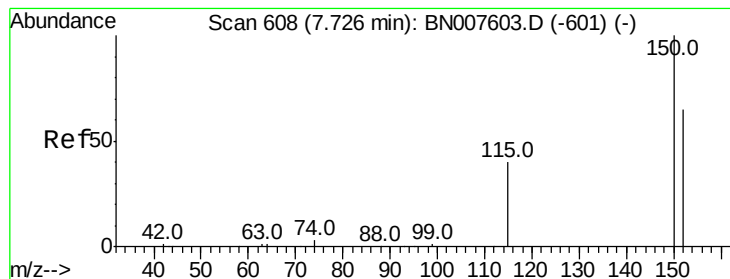
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampled :

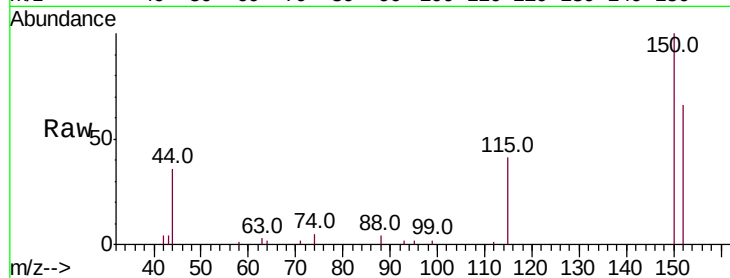
Tot Ion:152 Resp: 9492

Ion Ratio Lower Upper

152 100

150 152.7 122.4 183.6

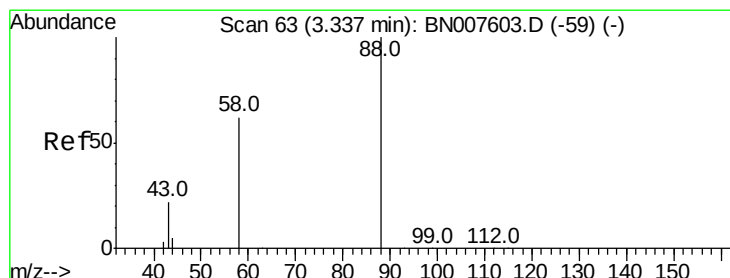
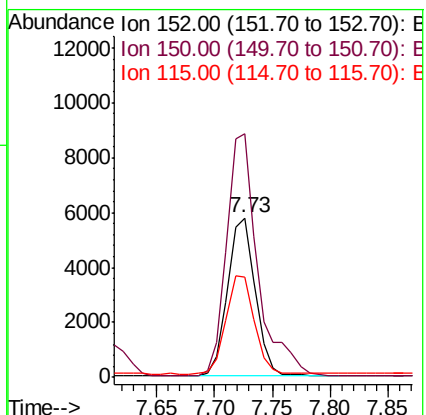
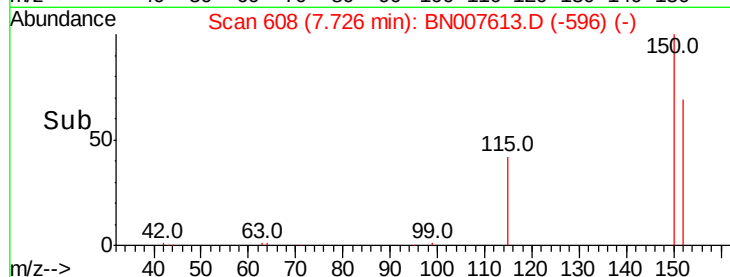
115 62.6 50.4 75.6



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: 0.379 ng

RT: 3.34 min Scan# 63

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

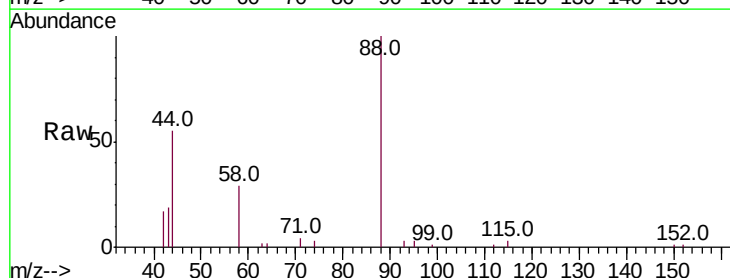
Tgt Ion: 88 Resp: 4308

Ion Ratio Lower Upper

88 100

58 73.7 57.0 85.4

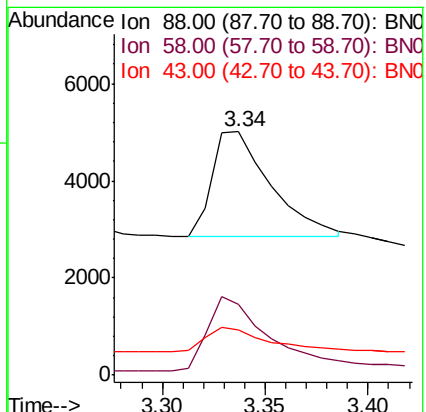
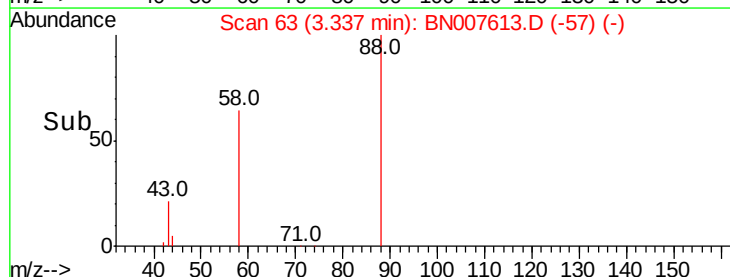
43 25.2 20.0 30.0

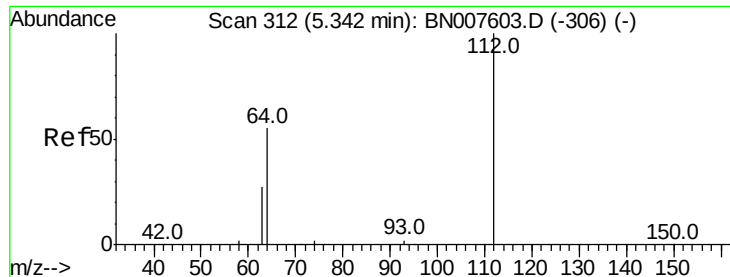


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.349 ng

RT: 5.34 min Scan# 312

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampleId :

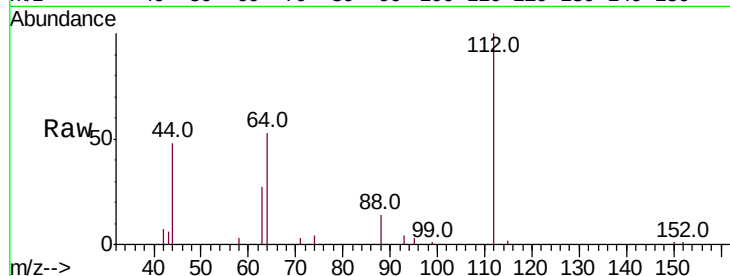
Tot Ion:112 Resp: 10624

Ion Ratio Lower Upper

112 100

64 60.8 48.5 72.7

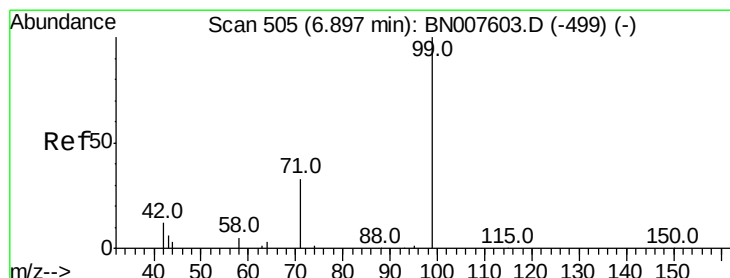
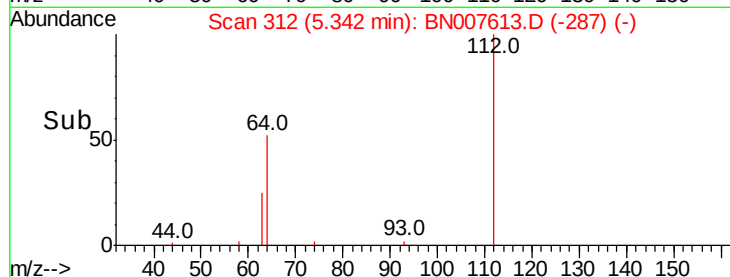
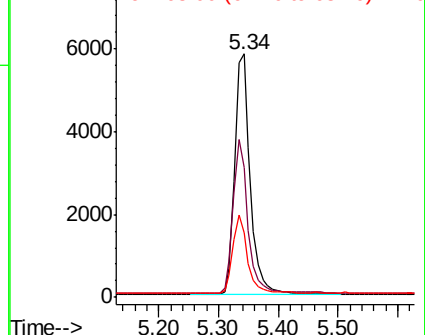
63 30.4 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.366 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

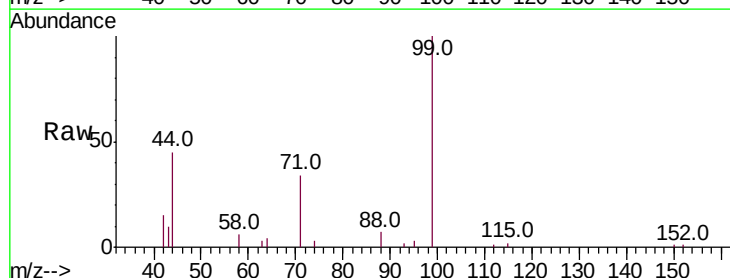
Tgt Ion: 99 Resp: 13534

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.6

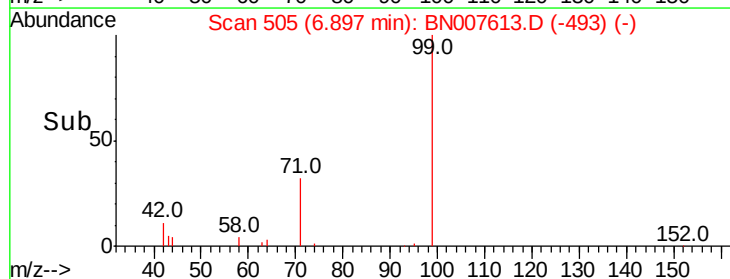
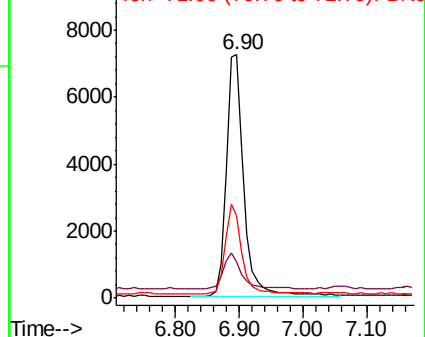
71 34.8 28.0 42.0

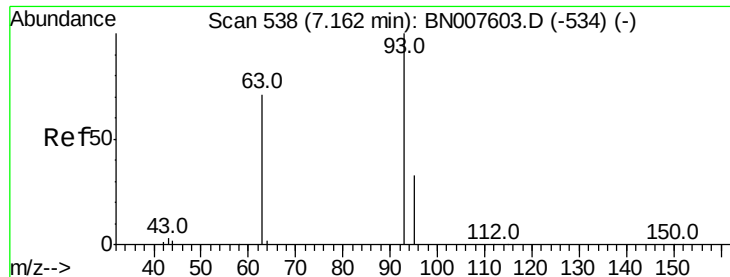


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.377 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampleId :

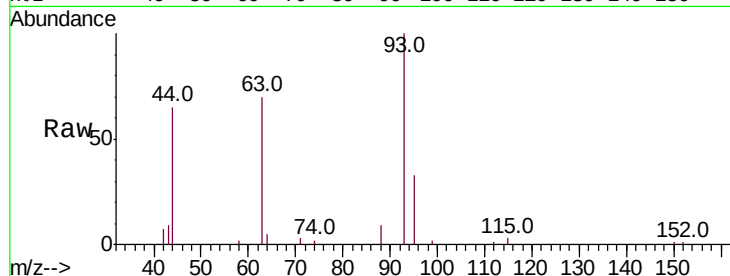
Tot Ion: 93 Resp: 10514

Ion Ratio Lower Upper

93 100

63 76.6 61.2 91.8

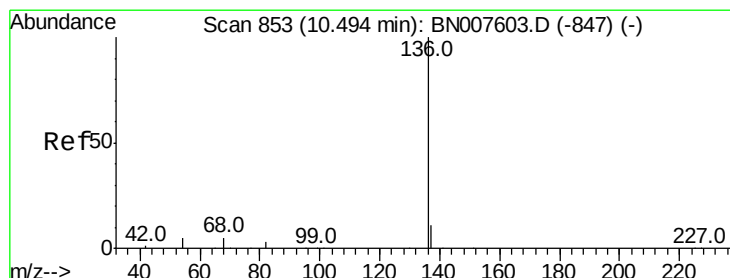
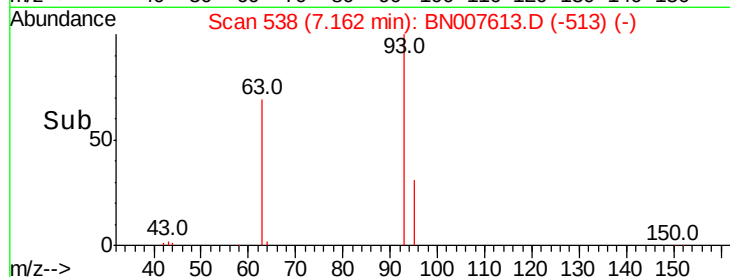
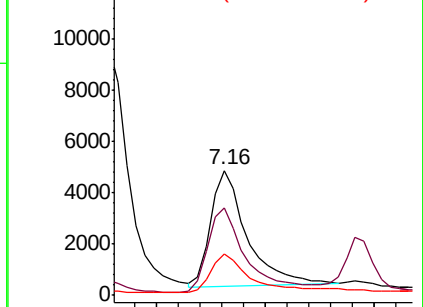
95 38.5 27.2 40.8



Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

Ion 63.00 (62.70 to 63.70): BN007603.D (-534) (-)

Ion 95.00 (94.70 to 95.70): BN007603.D (-534) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Tgt Ion: 136 Resp: 36715

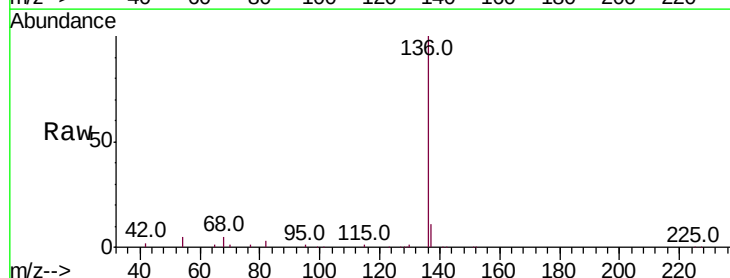
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 4.7 4.2 6.4

68 5.4 4.6 7.0

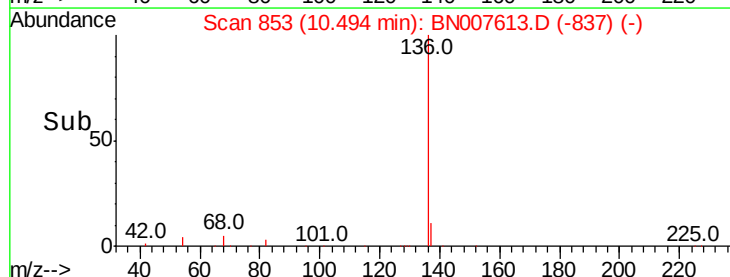
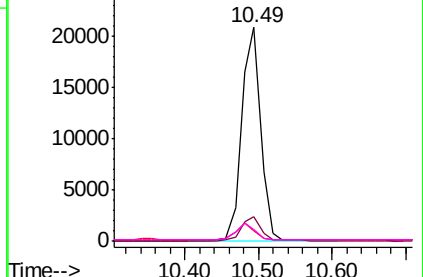


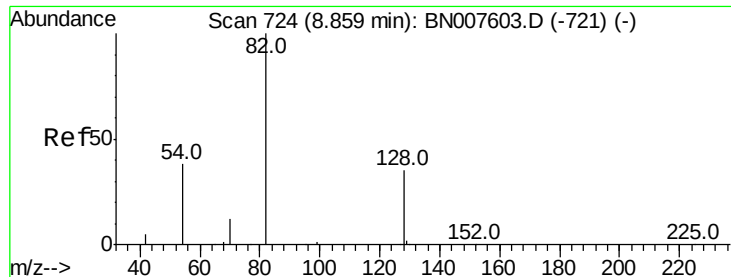
Abundance Ion 136.00 (135.70 to 136.70): BN007603.D (-847) (-)

Ion 137.00 (136.70 to 137.70): BN007603.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007603.D (-847) (-)

Ion 68.00 (67.70 to 68.70): BN007603.D (-847) (-)





#8

Nitrobenzene-d5

Concen: 0.402 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampleId :

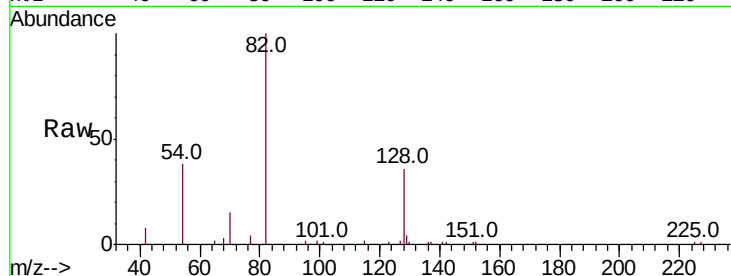
Tot Ion: 82 Resp: 11784

Ion Ratio Lower Upper

82 100

128 36.4 27.9 41.9

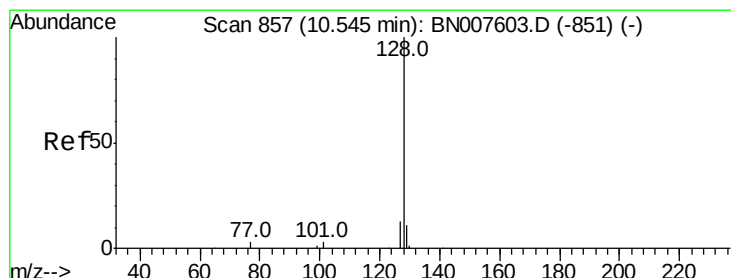
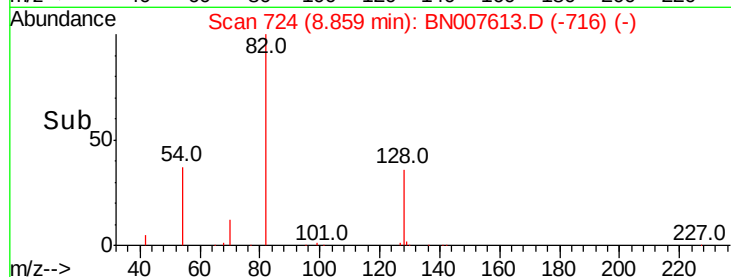
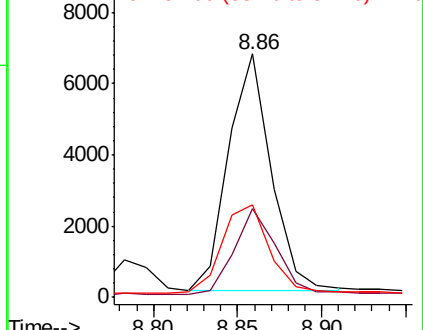
54 38.2 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BN007613.D (-849) (-)

Ion 128.00 (127.70 to 128.70): BN007613.D (-849) (-)

Ion 54.00 (53.70 to 54.70): BN007613.D (-849) (-)



#9

Naphthalene

Concen: 0.426 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

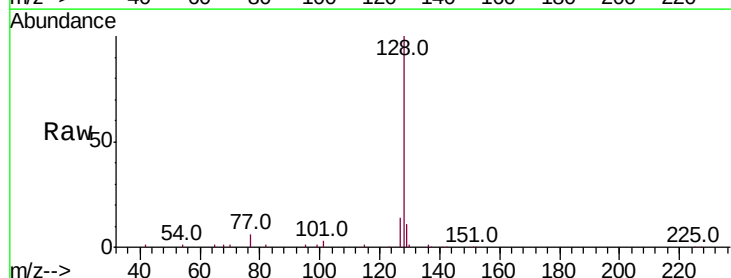
Tgt Ion: 128 Resp: 44838

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

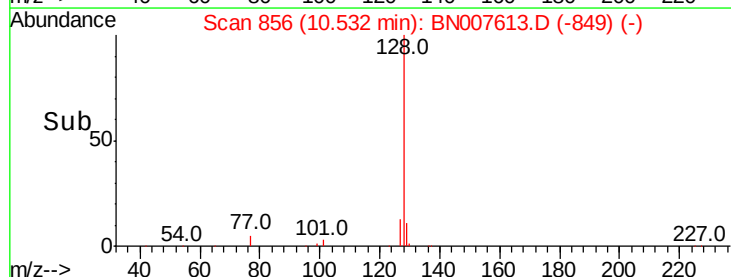
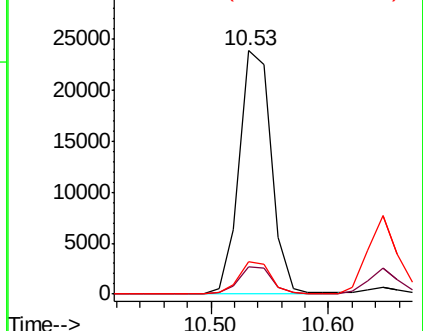
127 13.6 10.4 15.6

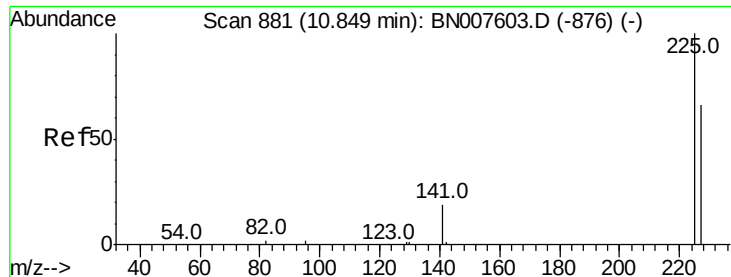


Abundance Ion 128.00 (127.70 to 128.70): BN007613.D (-849) (-)

Ion 129.00 (128.70 to 129.70): BN007613.D (-849) (-)

Ion 127.00 (126.70 to 127.70): BN007613.D (-849) (-)

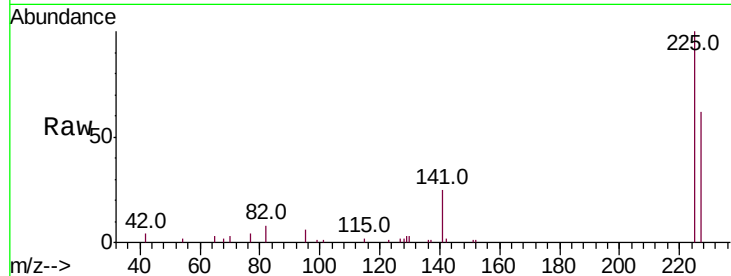




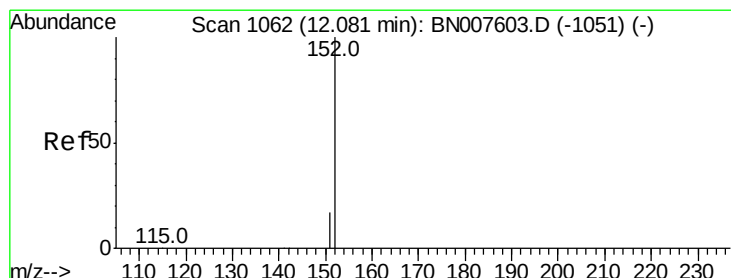
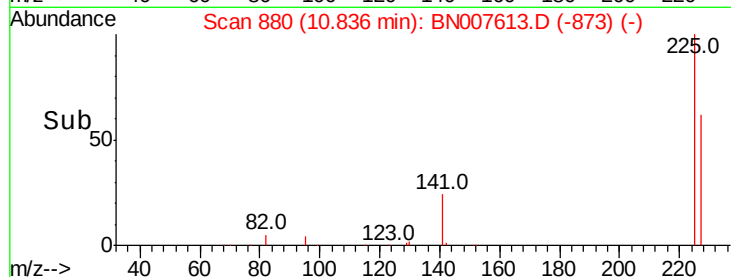
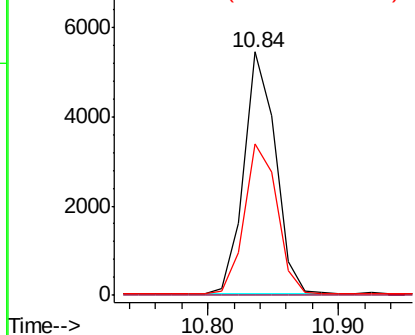
#10
Hexachlorobutadiene
Concen: 0.423 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:225 Resp: 8969
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.2 51.3 76.9

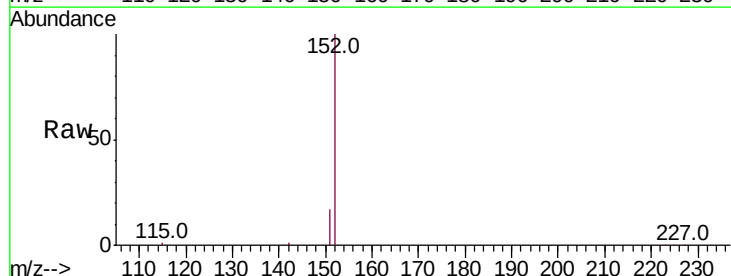


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

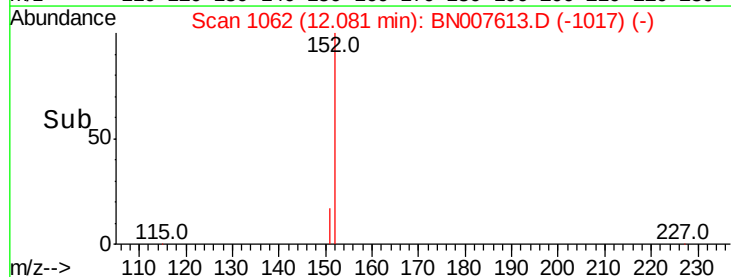
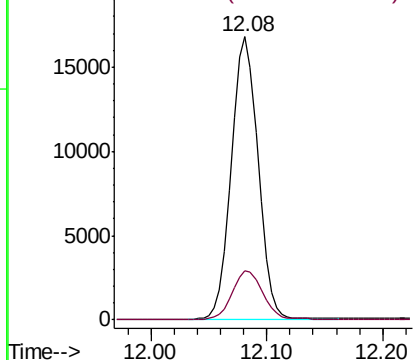


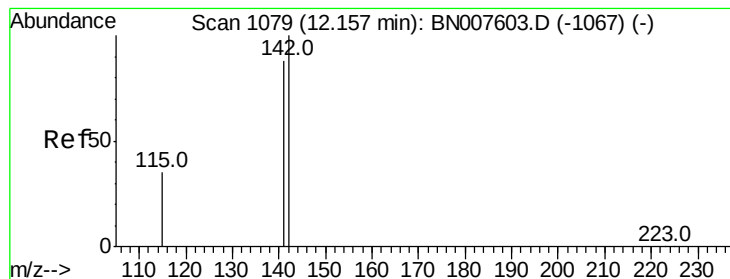
#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 12.08 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Tgt Ion:152 Resp: 26074
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.422 ng

RT: 12.15 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampled :

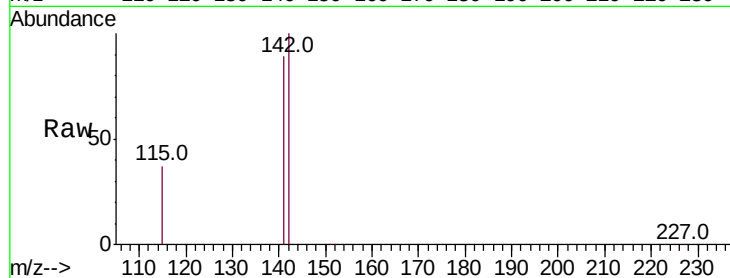
Tot Ion:142 Resp: 29841

Ion Ratio Lower Upper

142 100

141 89.1 70.5 105.7

115 36.6 28.4 42.6

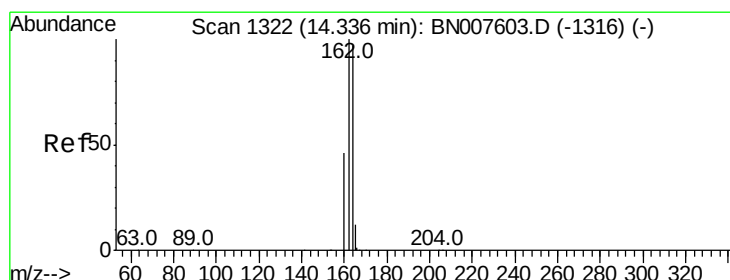
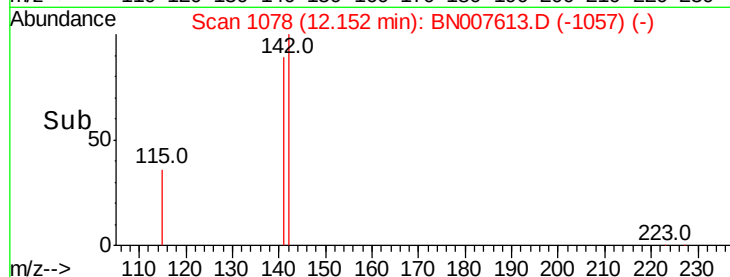
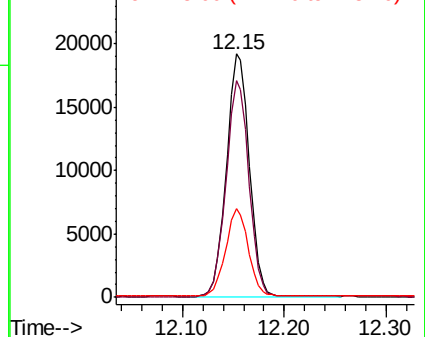


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

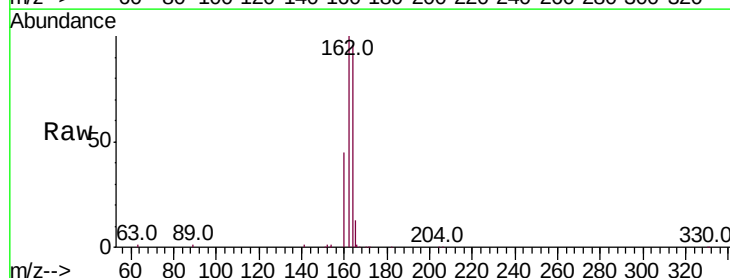
Tgt Ion:164 Resp: 20679

Ion Ratio Lower Upper

164 100

162 103.9 82.8 124.2

160 47.0 38.0 57.0

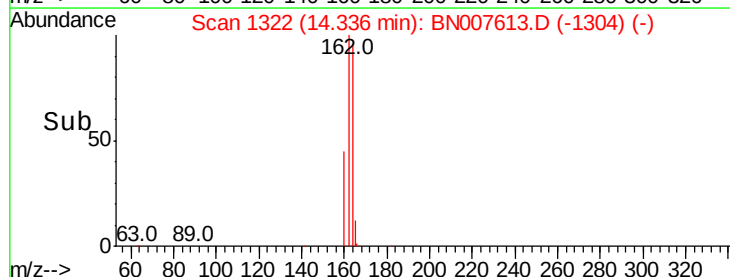
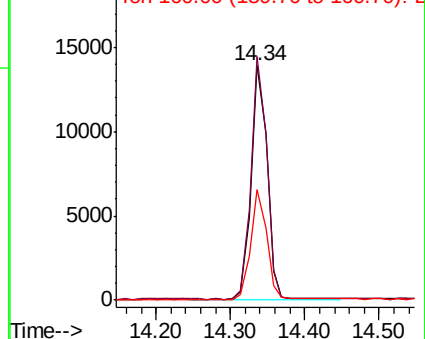


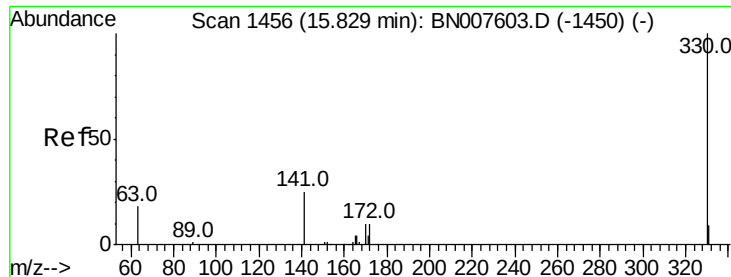
Abundance

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

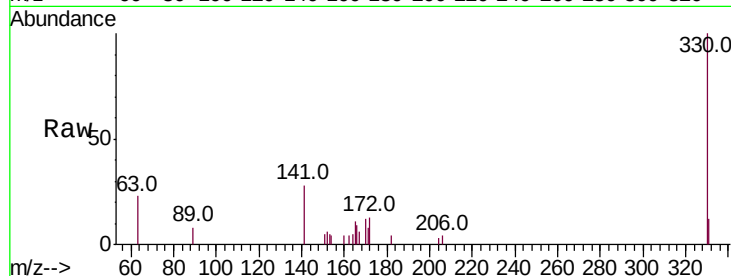




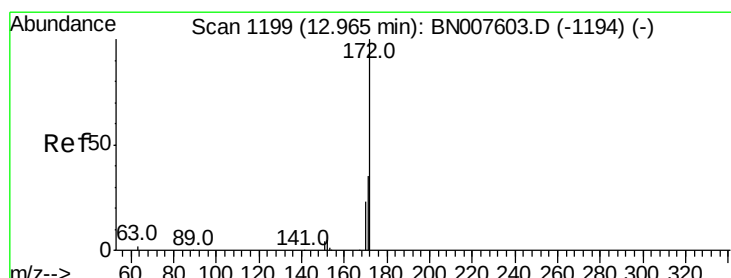
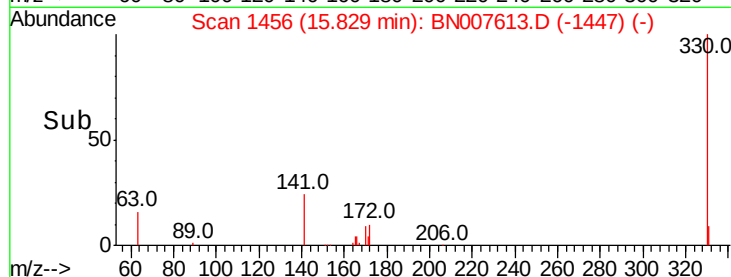
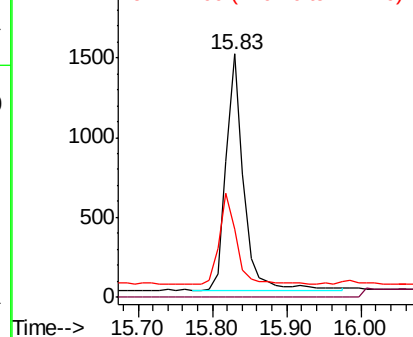
#14
 2,4,6-Tribromophenol
 Concen: 0.309 ng
 RT: 15.83 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 2419
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.7 30.1 45.1

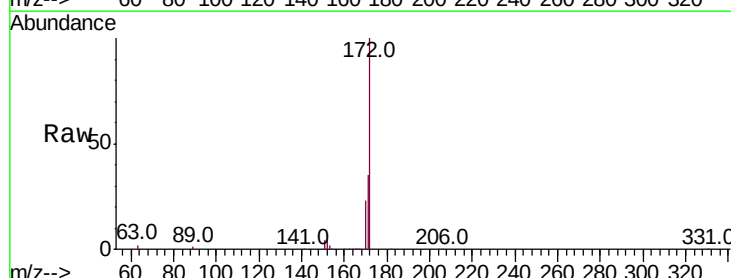


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

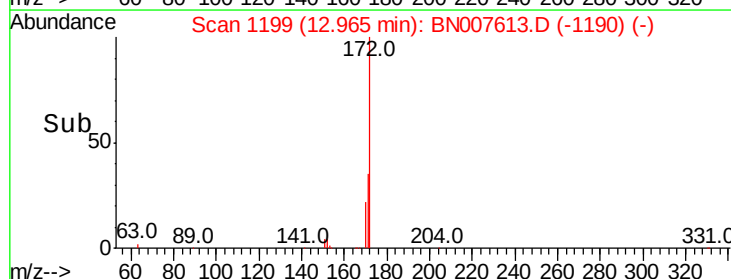
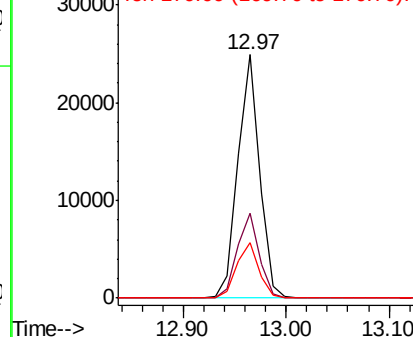


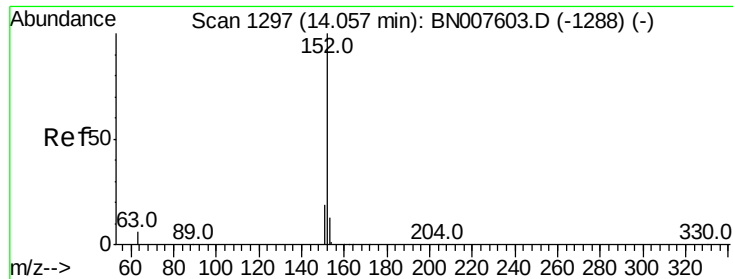
#15
 2-Fluorobiphenyl
 Concen: 0.400 ng
 RT: 12.97 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Tgt Ion:172 Resp: 36055
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.9 41.9
 170 22.6 18.5 27.7



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: 0.376 ng

RT: 14.06 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampleId :

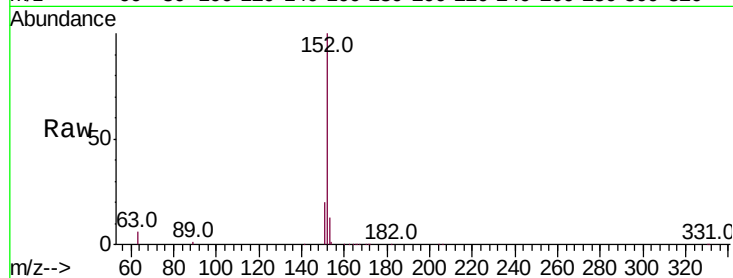
Tot Ion:152 Resp: 40470

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

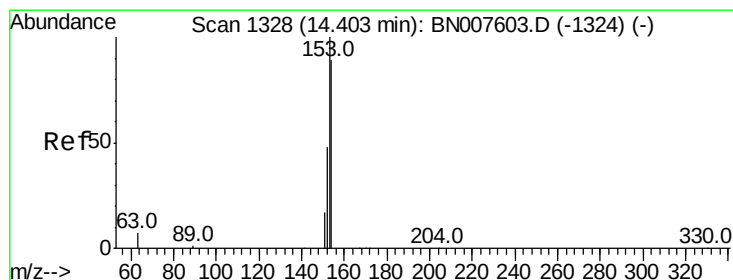
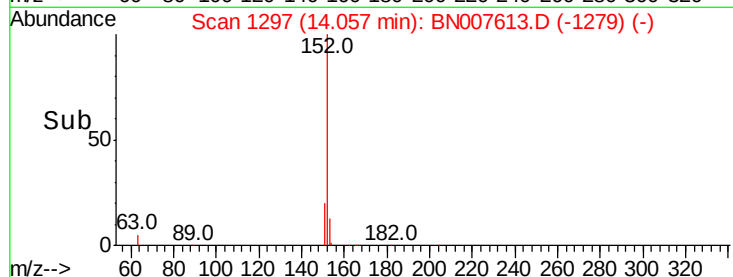
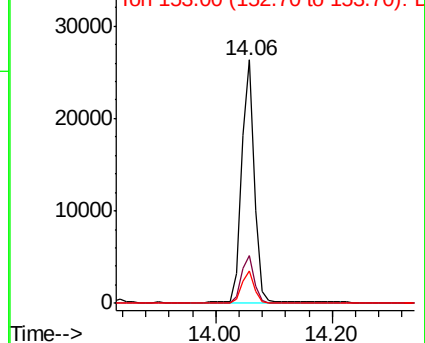
153 13.1 10.4 15.6



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: 0.392 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

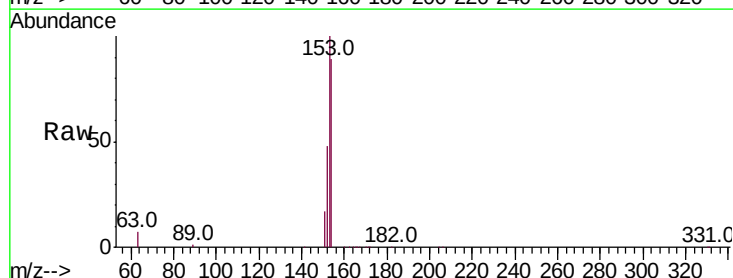
Tgt Ion:154 Resp: 27525

Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.8

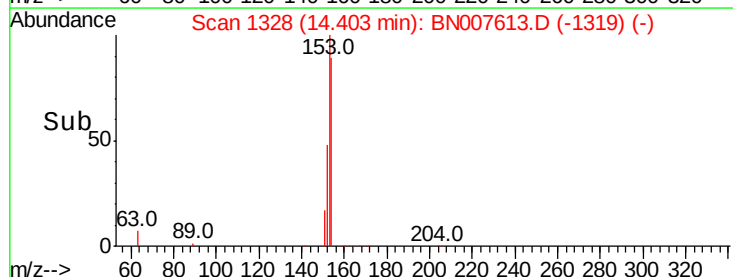
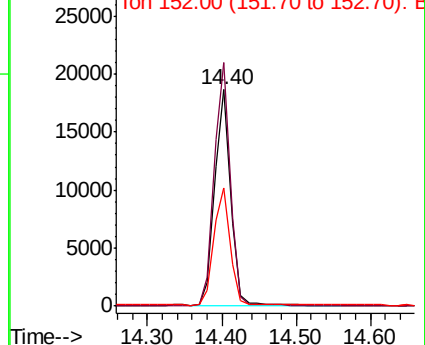
152 55.5 43.8 65.8

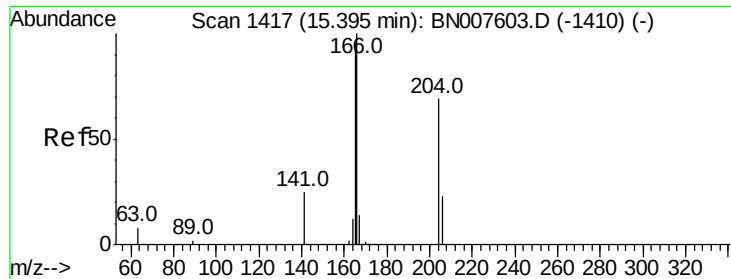


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.395 ng

RT: 15.39 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampleId :

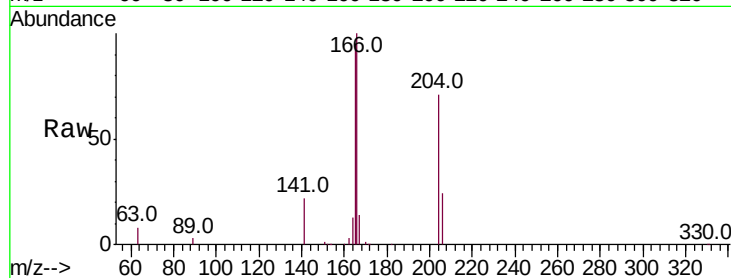
Tot Ion:166 Resp: 34927

Ion Ratio Lower Upper

166 100

165 97.3 77.8 116.6

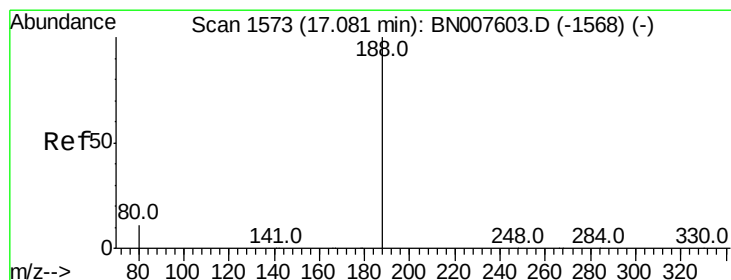
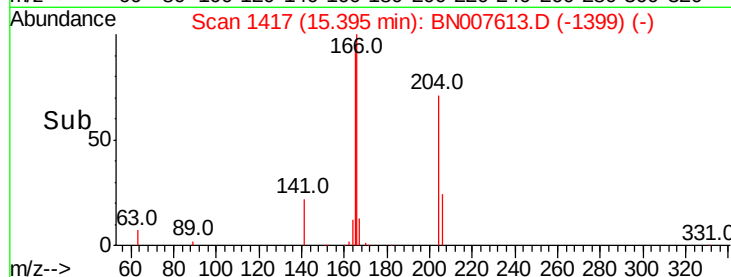
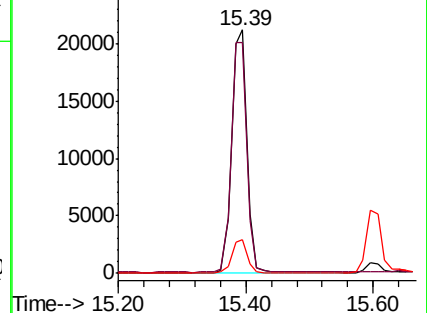
167 13.6 10.8 16.2



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: 17.08 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

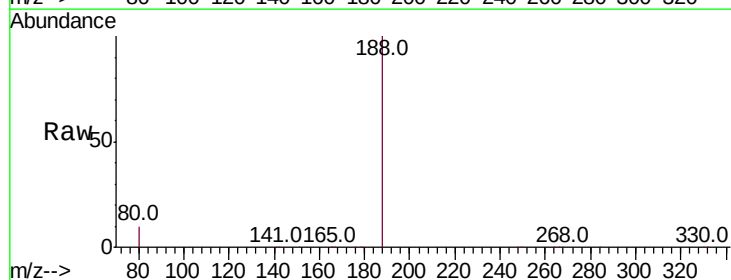
Tgt Ion:188 Resp: 42525

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

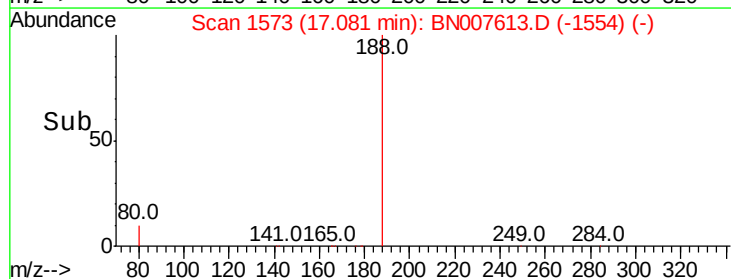
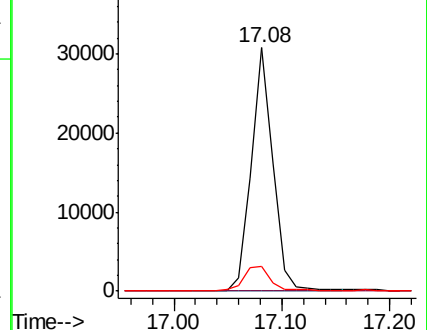
80 10.2 8.8 13.2

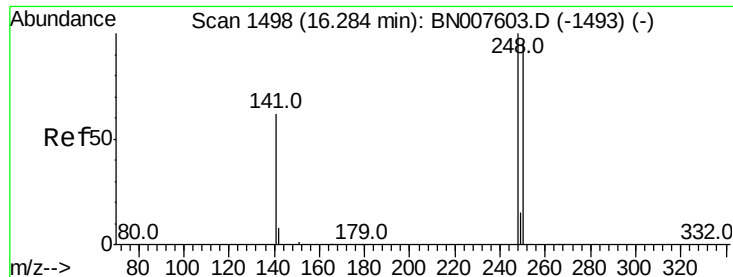


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

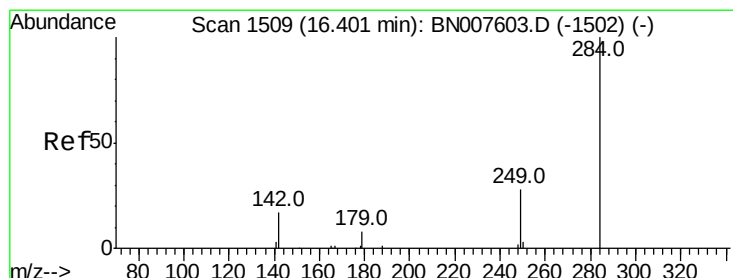
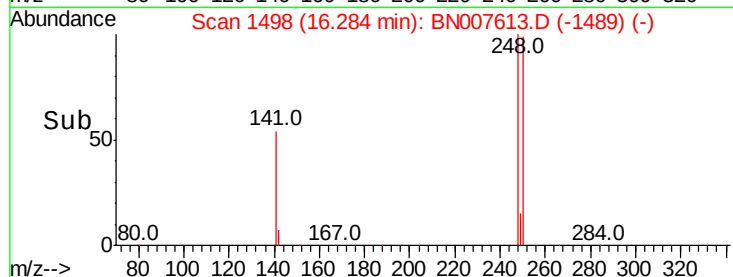
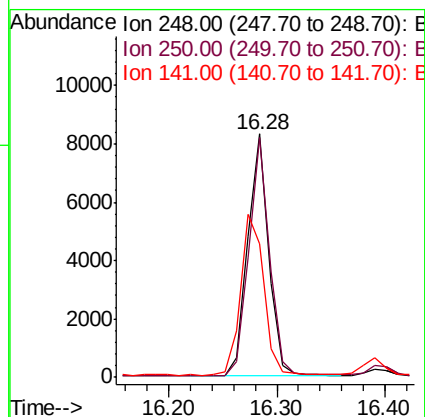
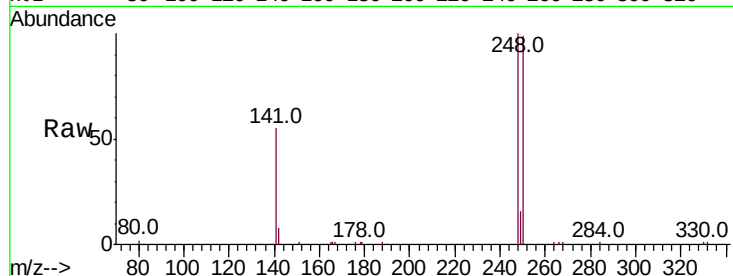




#20
4-Bromophenyl-phenylether
Concen: 0.426 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

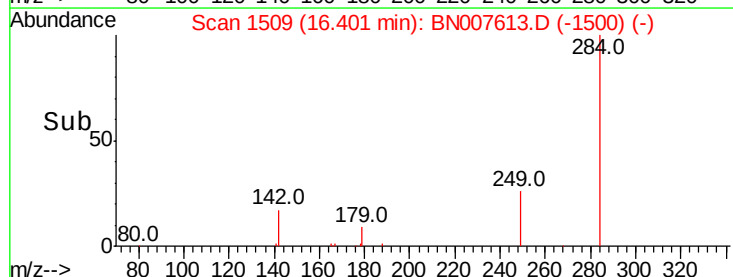
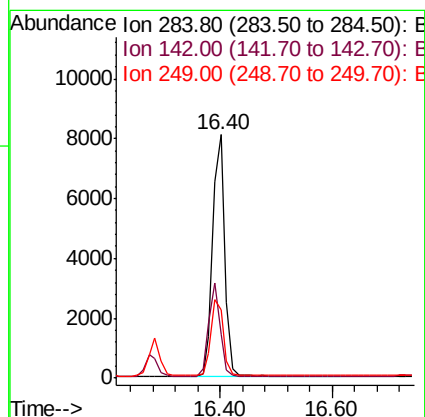
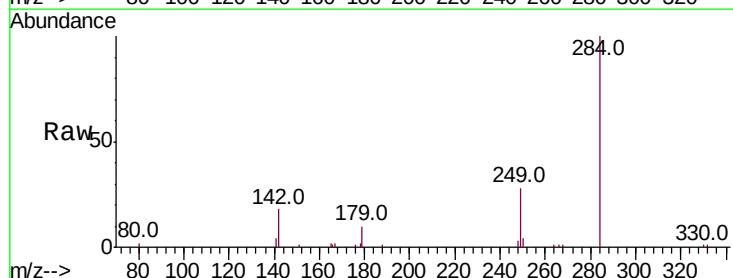
Instrument :
BNA_N
ClientSampled :

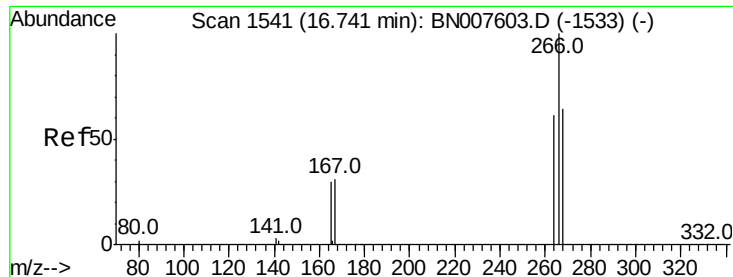
Tot Ion:248 Resp: 11197
Ion Ratio Lower Upper
248 100
250 98.6 76.3 114.5
141 54.8 49.7 74.5



#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.40 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Tgt Ion:284 Resp: 12066
Ion Ratio Lower Upper
284 100
142 36.0 27.8 41.6
249 32.2 25.5 38.3

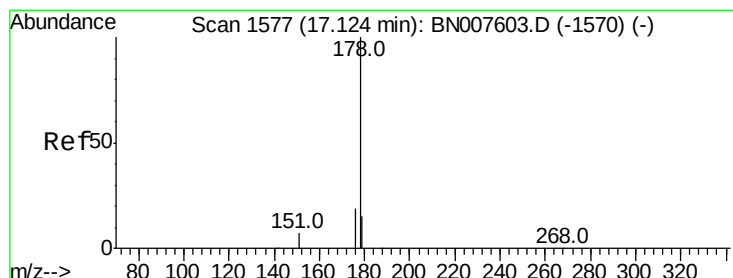
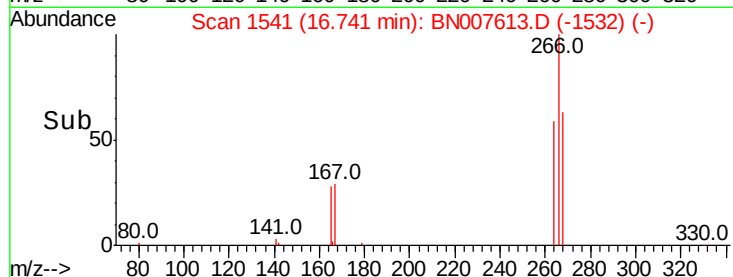
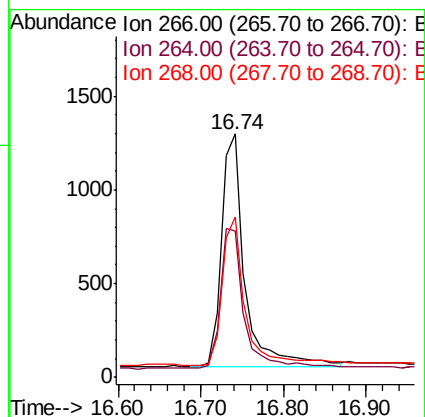
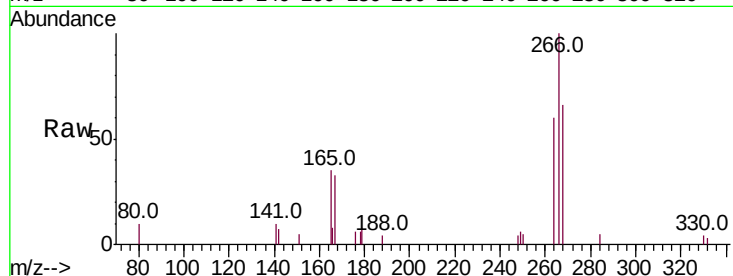




#22
 Pentachlorophenol
 Concen: 0.337 ng
 RT: 16.74 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

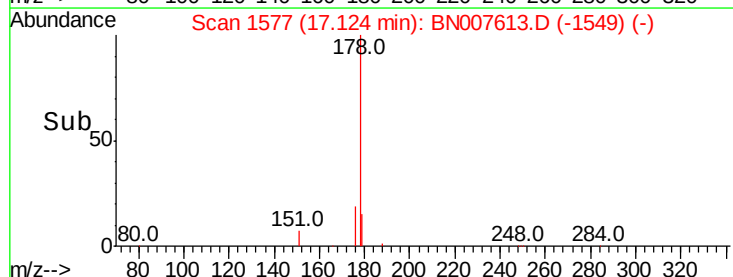
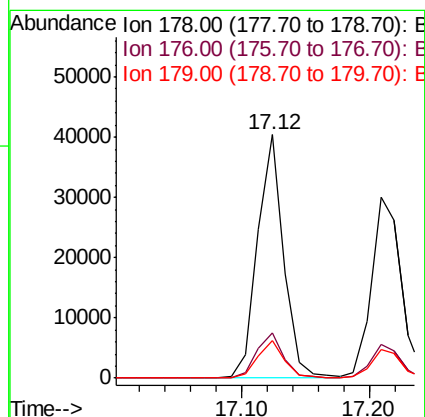
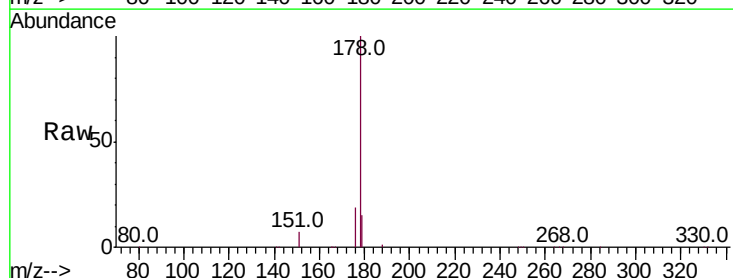
Instrument :
 BNA_N
 ClientSampleId :

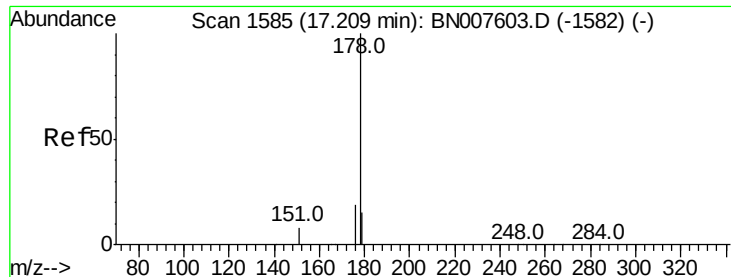
Tot Ion:266 Resp: 2463
 Ion Ratio Lower Upper
 266 100
 264 60.2 49.4 74.0
 268 66.0 53.0 79.6



#23
 Phenanthrene
 Concen: 0.427 ng
 RT: 17.12 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Tgt Ion:178 Resp: 57297
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.0 22.6
 179 15.4 12.4 18.6





#24

Anthracene

Concen: 0.413 ng

RT: 17.21 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampleId :

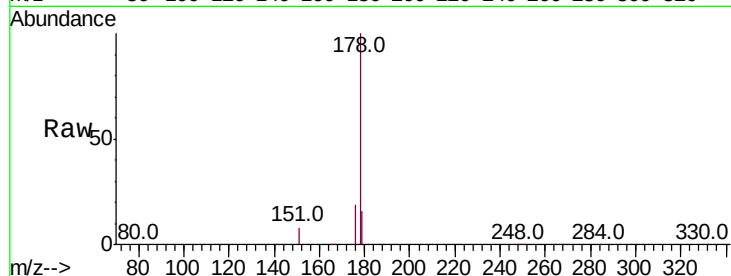
Tot Ion:178 Resp: 49066

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

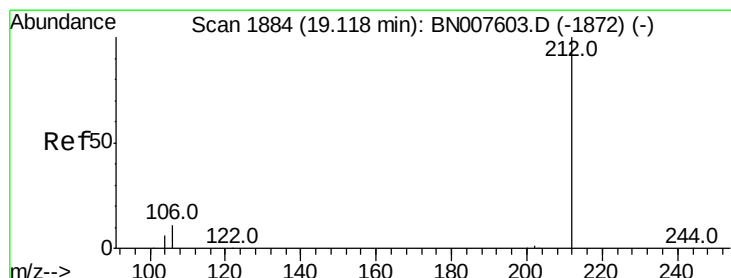
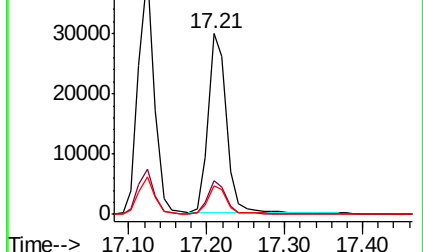
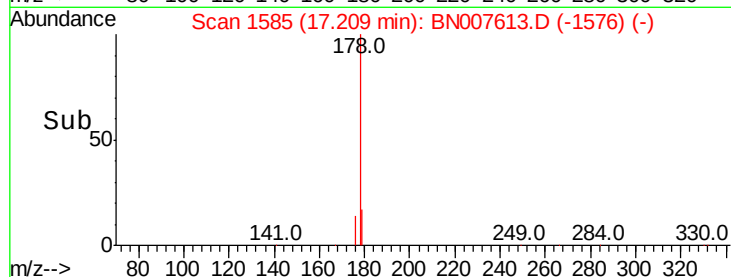
179 15.3 12.4 18.6



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: 0.420 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

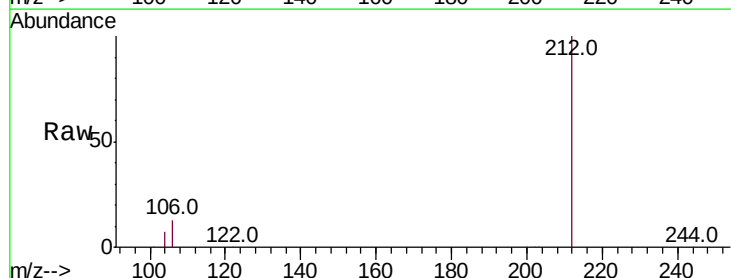
Tgt Ion:212 Resp: 56394

Ion Ratio Lower Upper

212 100

106 12.0 9.6 14.4

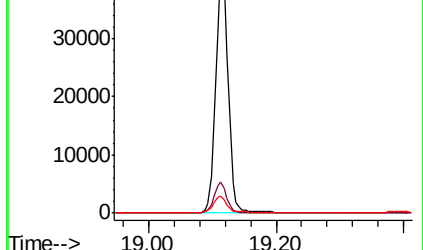
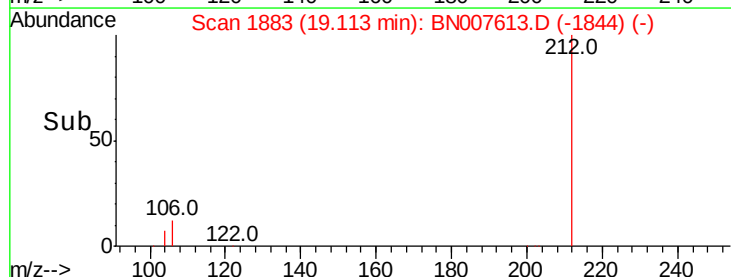
104 6.9 5.4 8.0

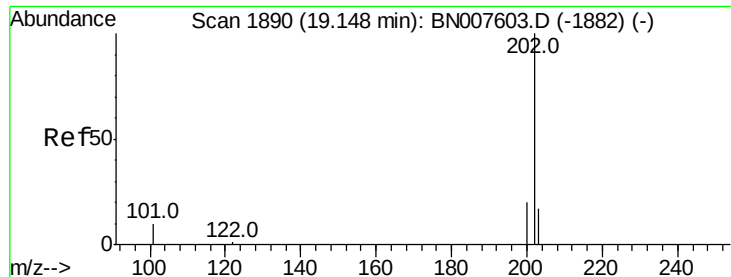


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.425 ng

RT: 19.14 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampleId :

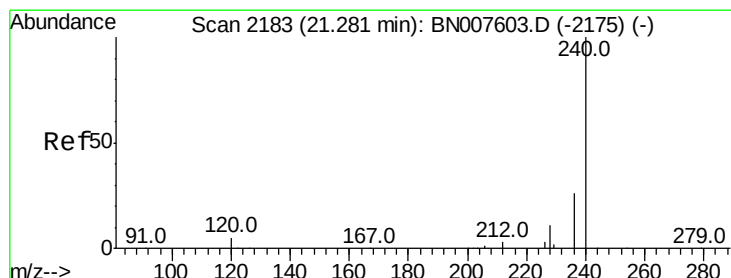
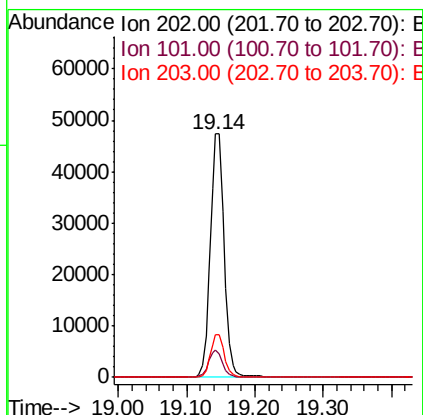
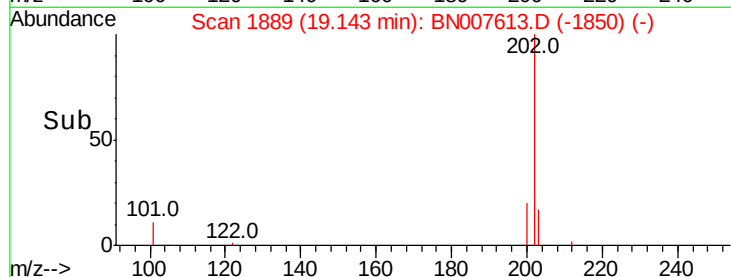
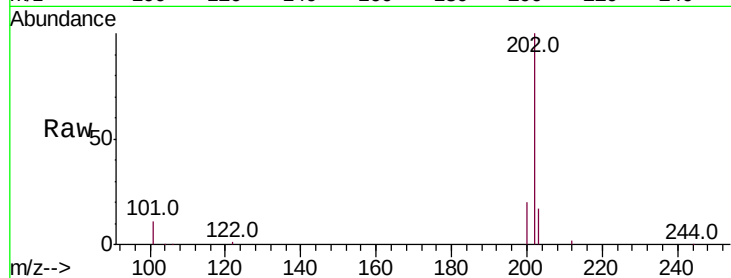
Tot Ion:202 Resp: 66598

Ion Ratio Lower Upper

202 100

101 11.0 8.6 13.0

203 17.2 13.8 20.6



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

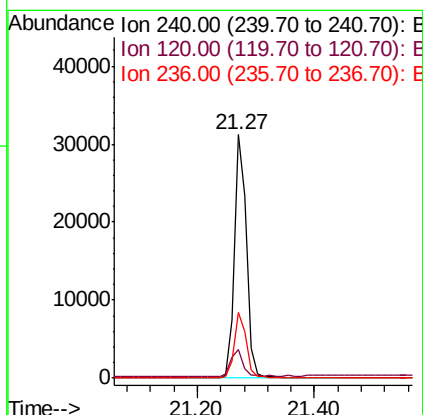
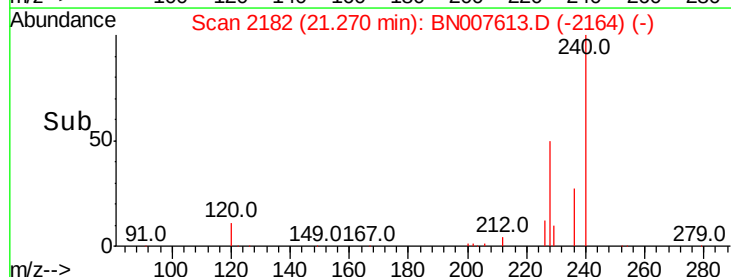
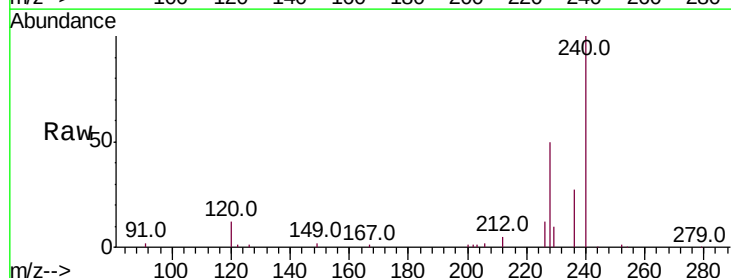
Tgt Ion:240 Resp: 42817

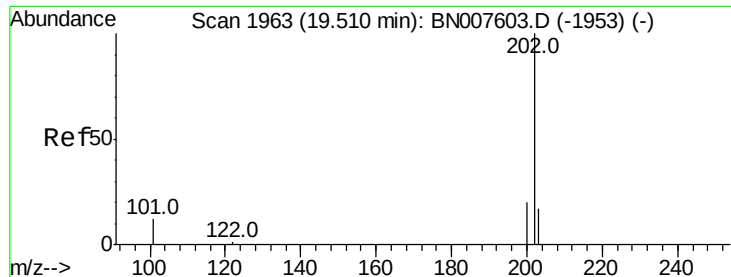
Ion Ratio Lower Upper

240 100

120 11.5 4.3 6.5#

236 26.9 20.8 31.2

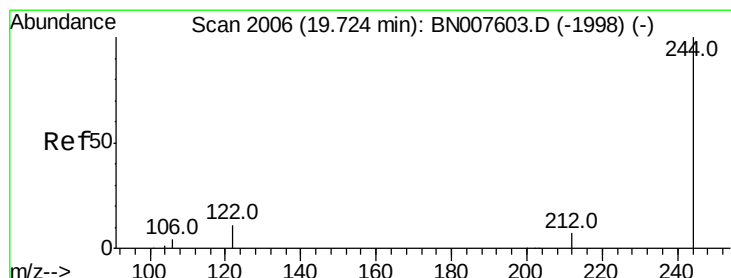
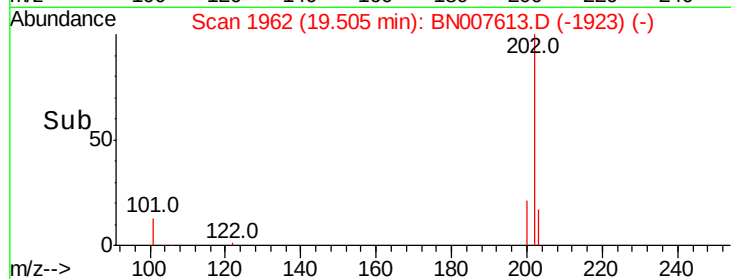
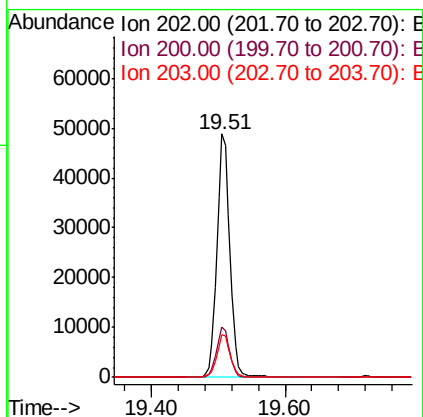
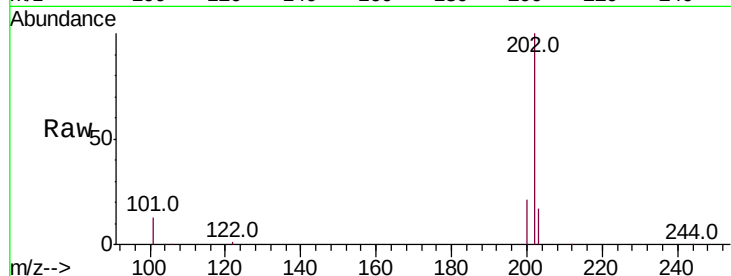




#28
Pvrene
Concen: 0.420 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

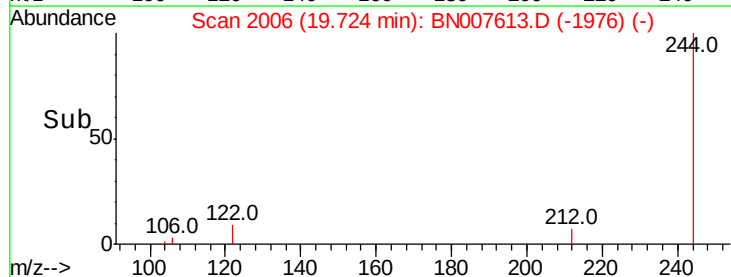
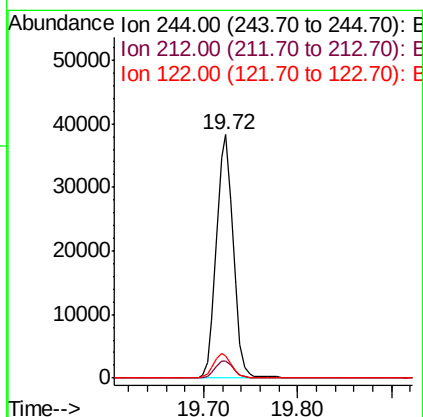
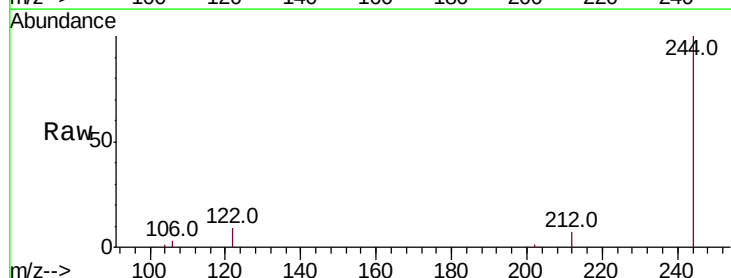
Instrument :
BNA_N
ClientSampleId :

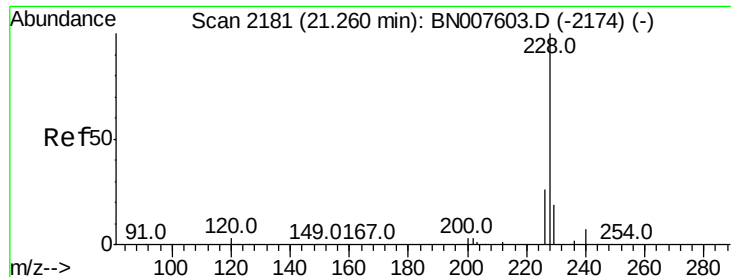
Tot Ion:202 Resp: 65340
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 17.6 14.0 21.0



#29
Terphenyl-d14
Concen: 0.420 ng
RT: 19.72 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Tgt Ion:244 Resp: 47424
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.3 8.6 12.8

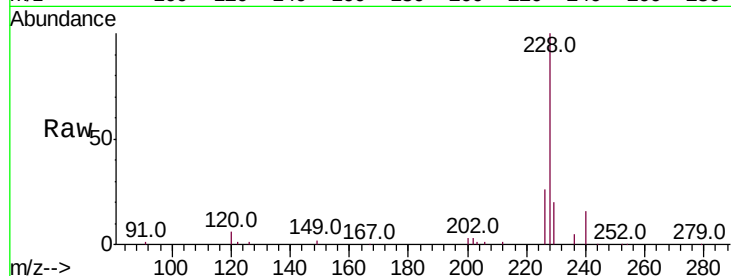




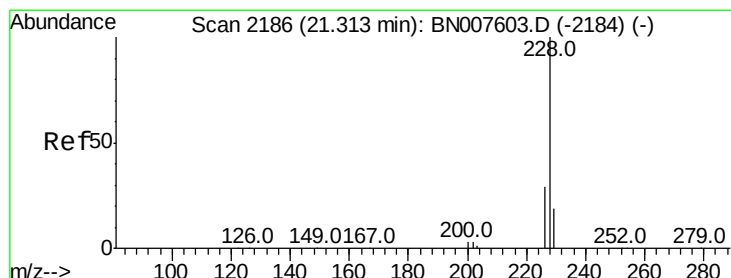
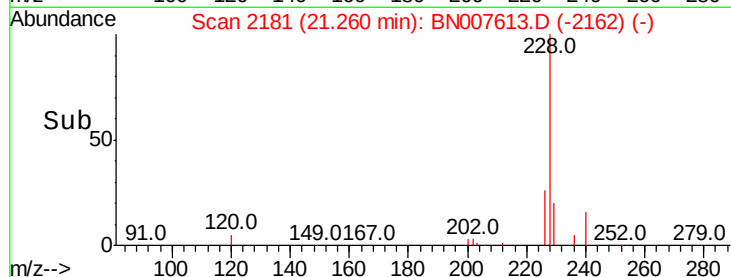
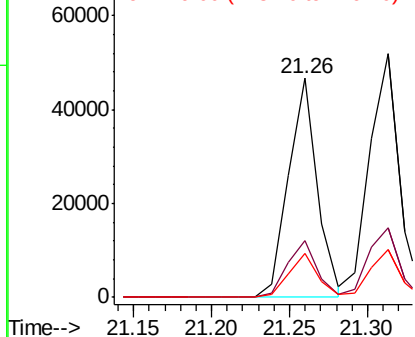
#30
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 59496
Ion Ratio Lower Upper
228 100
226 26.1 21.2 31.8
229 20.0 15.5 23.3

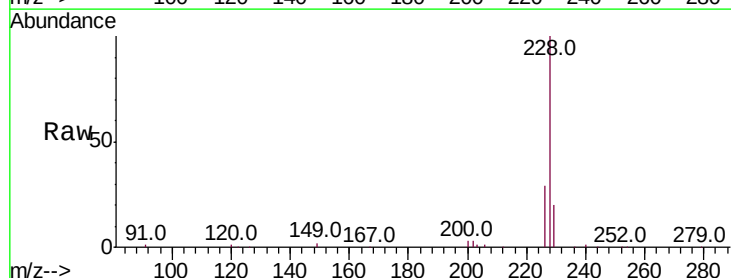


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

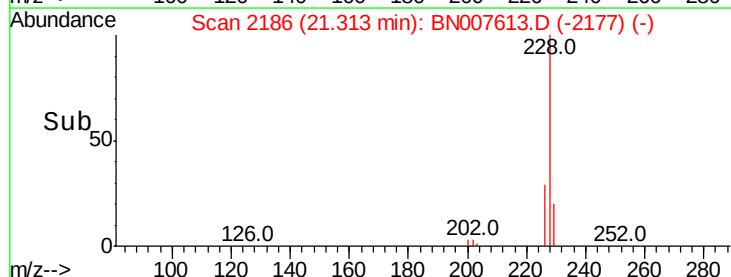
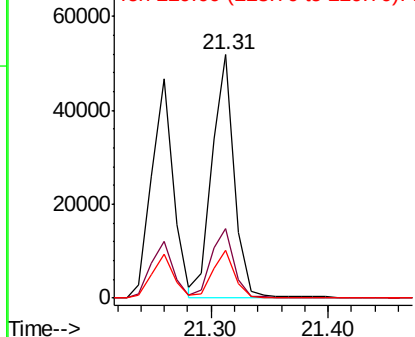


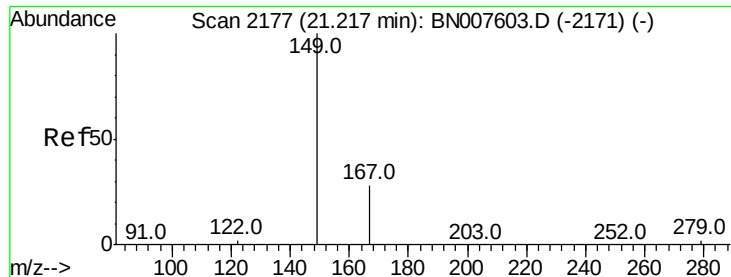
#31
Chrysene
Concen: 0.431 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Tgt Ion:228 Resp: 68152
Ion Ratio Lower Upper
228 100
226 28.8 23.4 35.2
229 19.7 15.5 23.3



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: 0.341 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

Instrument :

BNA_N

ClientSampleId :

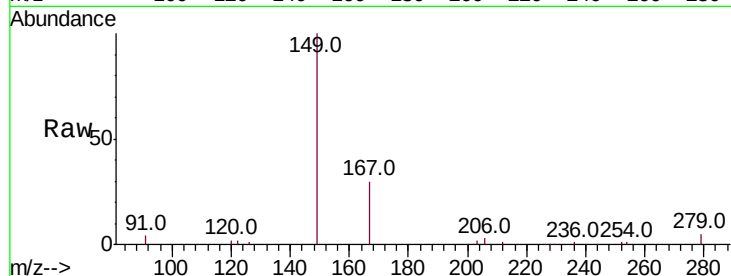
Tot Ion:149 Resp: 17572

Ion Ratio Lower Upper

149 100

167 28.4 22.6 34.0

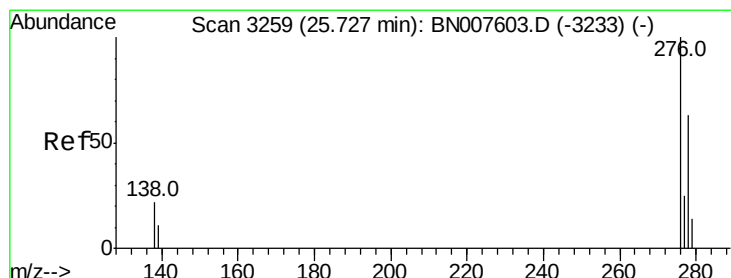
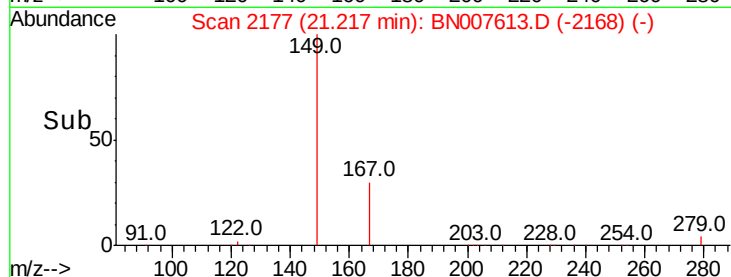
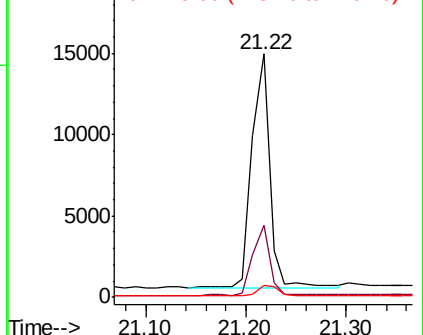
279 4.8 3.8 5.6



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: 0.430 ng

RT: 25.72 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BN007613.D

Acq: 12 Sep 2019 18:31

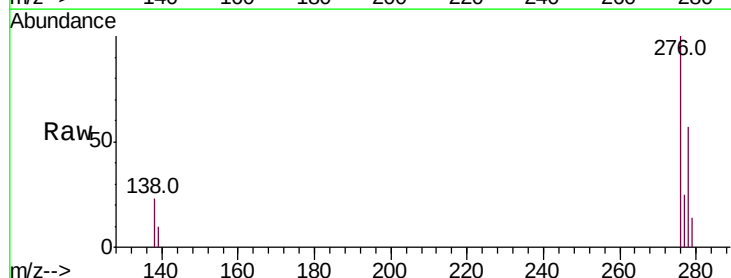
Tgt Ion:276 Resp: 72566

Ion Ratio Lower Upper

276 100

138 23.0 18.2 27.4

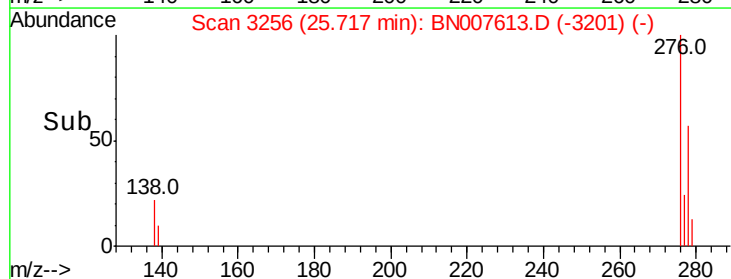
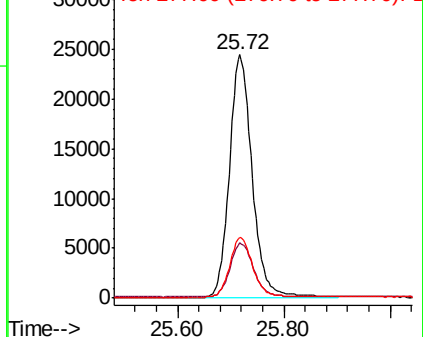
277 24.9 20.1 30.1

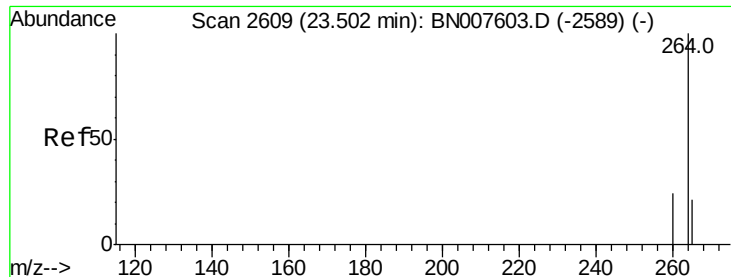


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

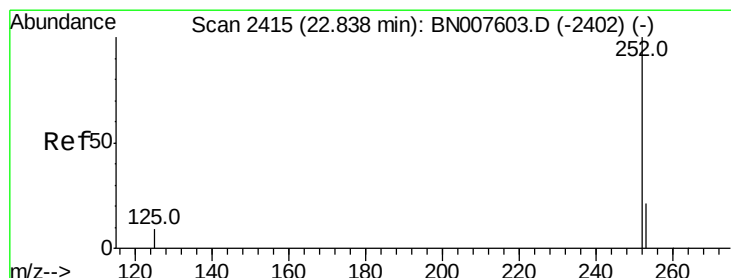
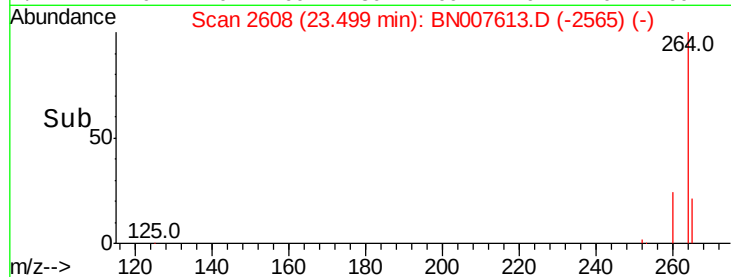
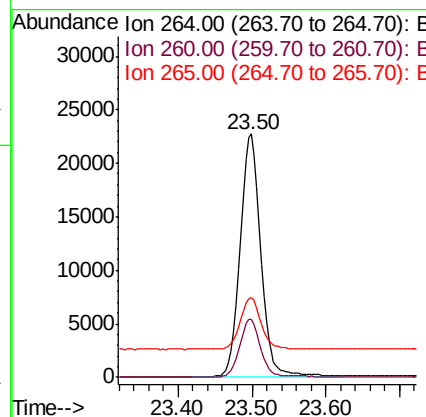
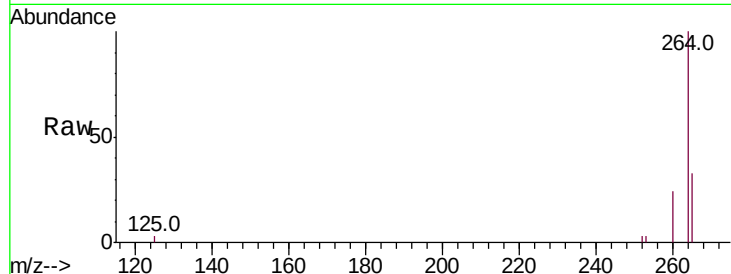




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

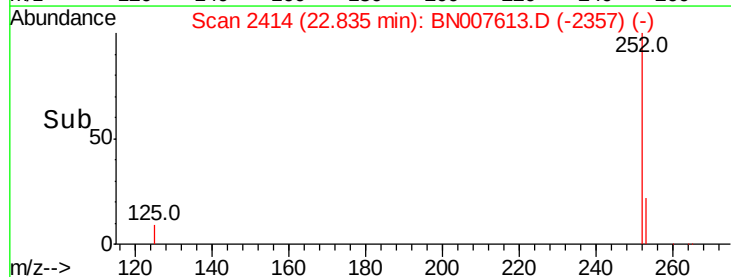
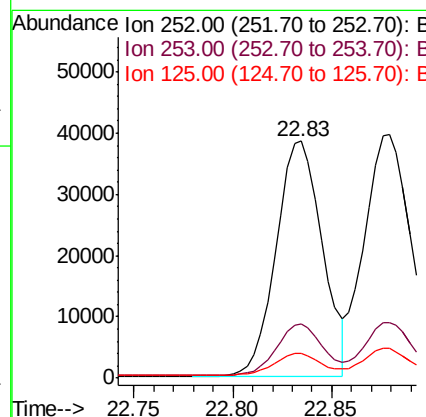
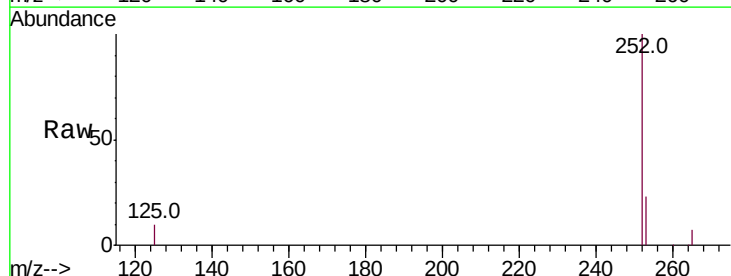
Instrument :
 BNA_N
 ClientSampleId :

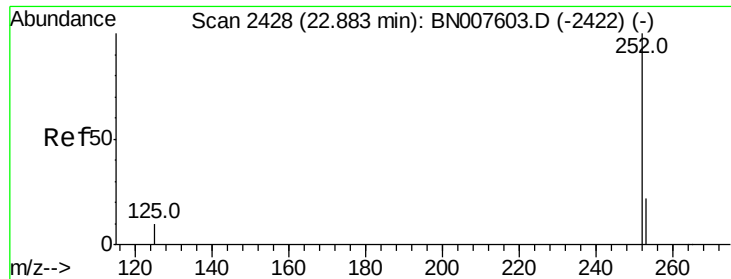
Tot Ion:264 Resp: 43390
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 32.8 24.6 37.0



#35
 Benzo(b)fluoranthene
 Concen: 0.394 ng
 RT: 22.83 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BN007613.D
 Acq: 12 Sep 2019 18:31

Tgt Ion:252 Resp: 62155
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.8 26.8
 125 10.3 8.0 12.0

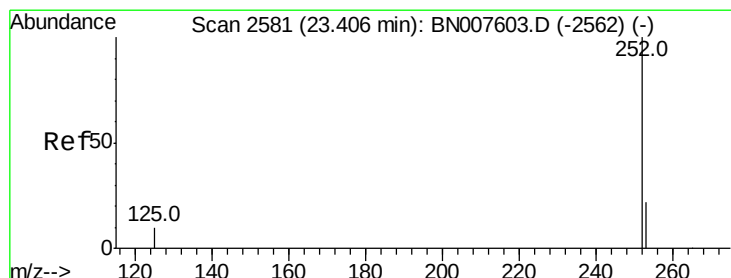
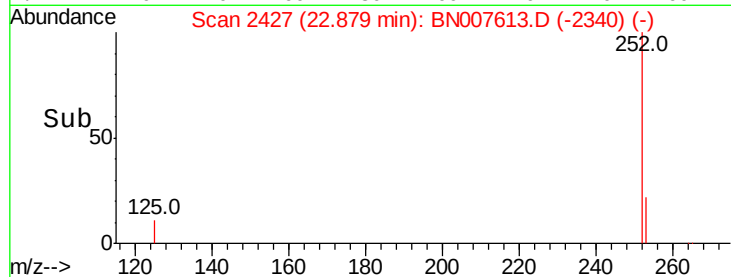
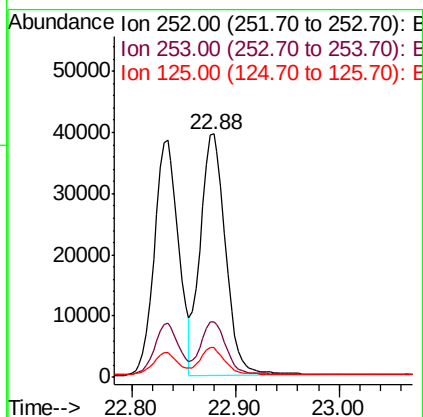
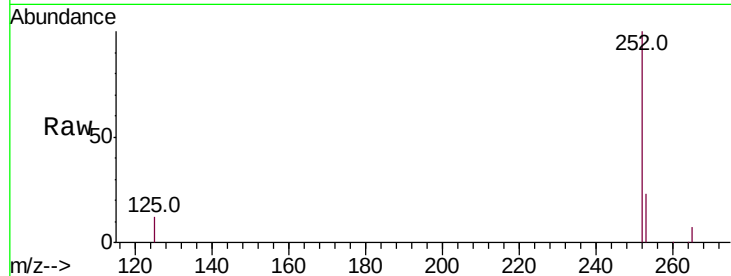




#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 22.88 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

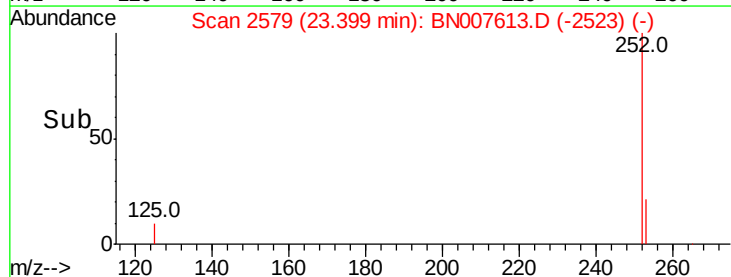
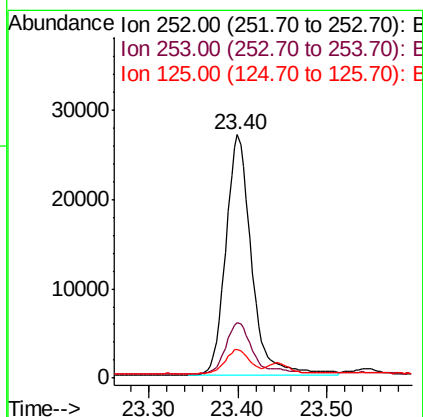
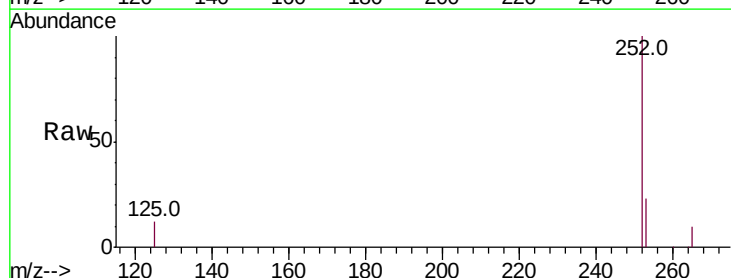
Instrument :
BNA_N
ClientSampleId :

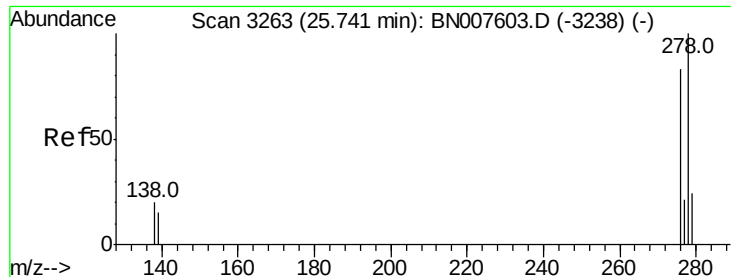
Tot Ion:252 Resp: 66412
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 12.1 8.9 13.3



#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.40 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Tgt Ion:252 Resp: 53905
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 11.7 8.9 13.3



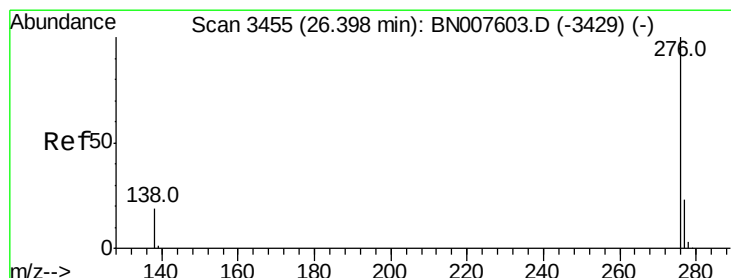
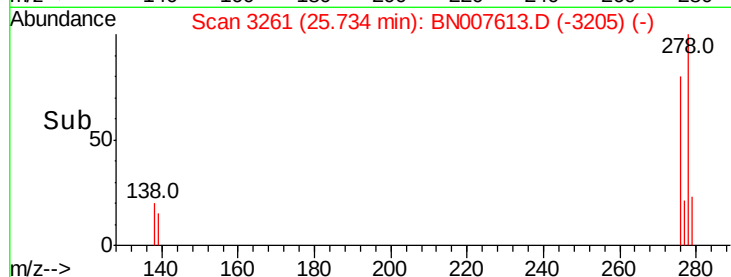
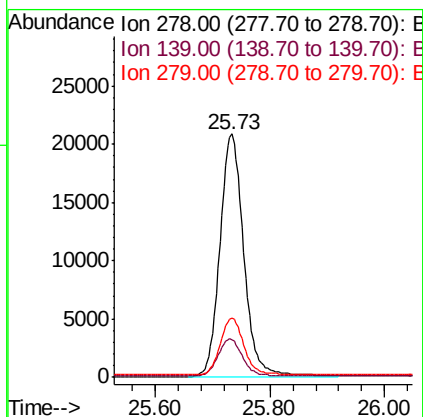
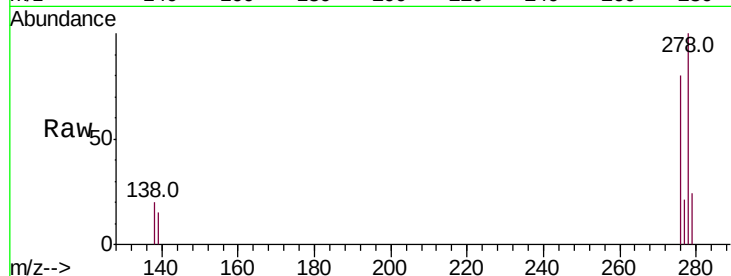


#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 25.73 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 59976

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.6	18.8
279	24.3	19.6	29.4



#39
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 26.39 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BN007613.D
Acq: 12 Sep 2019 18:31

Tgt Ion:276 Resp: 58394

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	20.2	15.8	23.6

