

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091319\
 Data File : BN007618.D
 Acq On : 13 Sep 2019 09:52
 Operator : HP/JU
 Sample : PB12036BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB123036BS

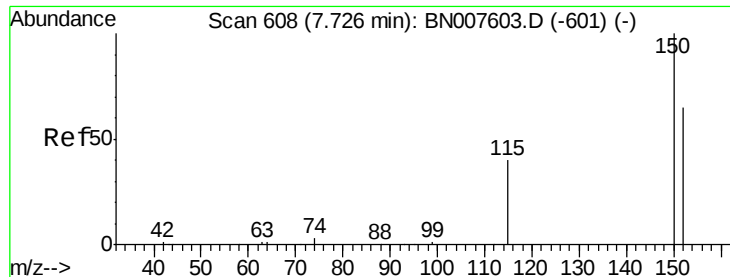
Quant Time: Sep 14 02:00:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	8629	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	33806	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	17142	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	38830	0.40	ng	0.00
27) Chrysene-d12	21.27	240	43967	0.40	ng	-0.01
34) Perylene-d12	23.50	264	40266	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	8220	0.30	ng	0.00
5) Phenol-d6	6.89	99	10558	0.32	ng	0.00
8) Nitrobenzene-d5	8.86	82	9016	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	19613	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1817	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	27826	0.37	ng	0.00
25) Fluoranthene-d10	19.11	212	41597	0.34	ng	0.00
29) Terphenyl-d14	19.72	244	34469	0.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	3075	0.297	ng	95
3) n-Nitrosodimethylamine	3.03	42	1422	0.303	ng	# 1
6) bis(2-Chloroethyl)ether	7.16	93	7761	0.306	ng	97
9) Naphthalene	10.53	128	34213	0.353	ng	99
10) Hexachlorobutadiene	10.84	225	6627	0.339	ng	# 100
12) 2-Methylnaphthalene	12.15	142	22466	0.345	ng	100
16) Acenaphthylene	14.06	152	30301	0.340	ng	100
17) Acenaphthene	14.40	154	20065	0.345	ng	99
18) Fluorene	15.38	166	25448	0.347	ng	99
20) 4-Bromophenyl-phenylether	16.28	248	8017	0.334	ng	90
21) Hexachlorobenzene	16.40	284	8603	0.335	ng	98
22) Pentachlorophenol	16.73	266	4058	0.609	ng	96
23) Phenanthrene	17.12	178	42516	0.347	ng	100
24) Anthracene	17.21	178	35205	0.324	ng	100
26) Fluoranthene	19.14	202	48354	0.338	ng	100
28) Pyrene	19.51	202	54575	0.342	ng	100
30) Benzo(a)anthracene	21.26	228	46777	0.300	ng	99
31) Chrysene	21.31	228	51260	0.316	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	14076	0.266	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.72	276	54365	0.314	ng	99
35) Benzo(b)fluoranthene	22.83	252	46390	0.317	ng	98
36) Benzo(k)fluoranthene	22.83	252	46390	0.310	ng	100
37) Benzo(a)pyrene	23.40	252	40589	0.313	ng	97
38) Dibenzo(a,h)anthracene	25.73	278	44607	0.328	ng	99
39) Benzo(g,h,i)perylene	26.39	276	43718	0.325	ng	99

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

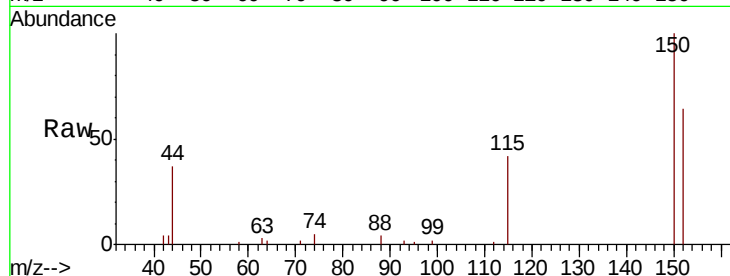


#1

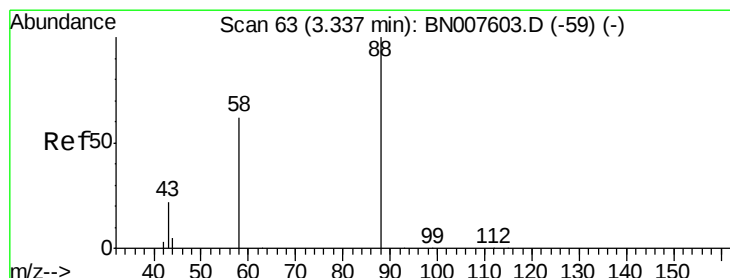
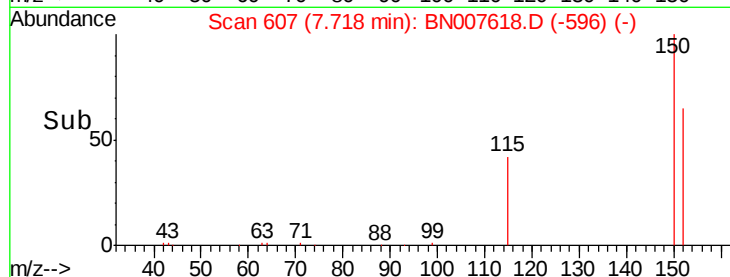
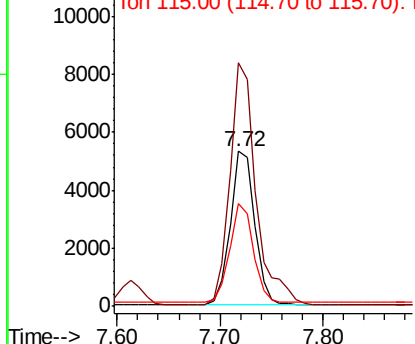
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007618.D
Acq: 13 Sep 2019 09:52

Instrument :
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Tot Ion:152 Resp: 8629
Ion Ratio Lower Upper
152 100
150 157.4 122.4 183.6
115 66.6 50.4 75.6



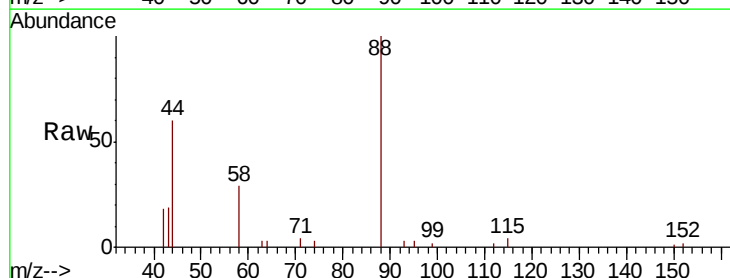
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



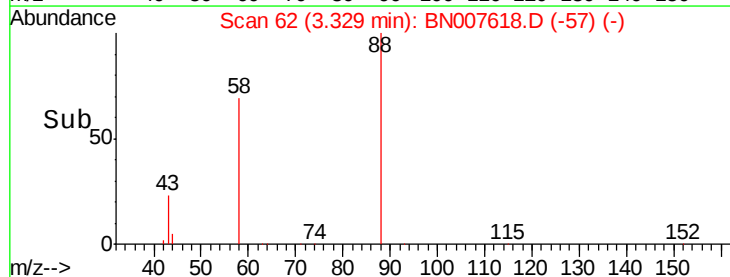
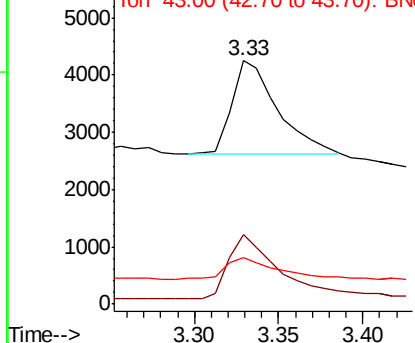
#2

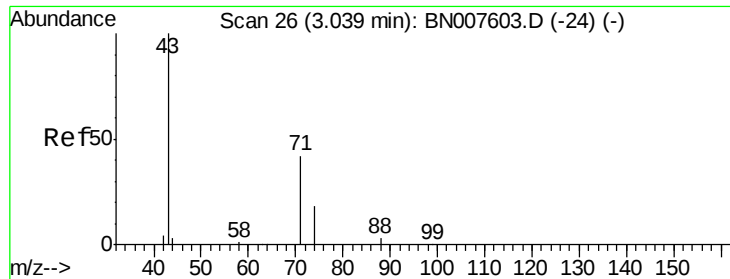
1,4-Dioxane
Concen: 0.297 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007618.D
Acq: 13 Sep 2019 09:52

Tgt Ion: 88 Resp: 3075
Ion Ratio Lower Upper
88 100
58 76.4 57.0 85.4
43 23.9 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





#3

n-Nitrosodimethylamine

Concen: 0.303 ng

RT: 3.03 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

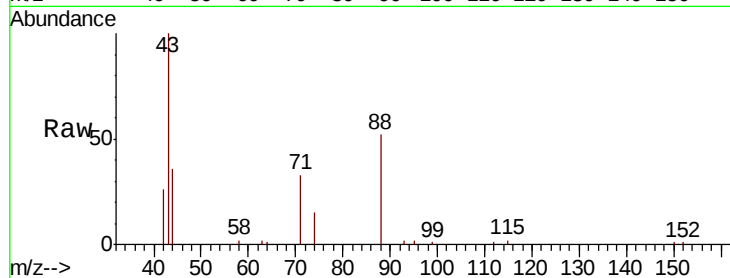
Tot Ion: 42 Resp: 1422

Ion Ratio Lower Upper

42 100

74 125.1 9.8 14.8#

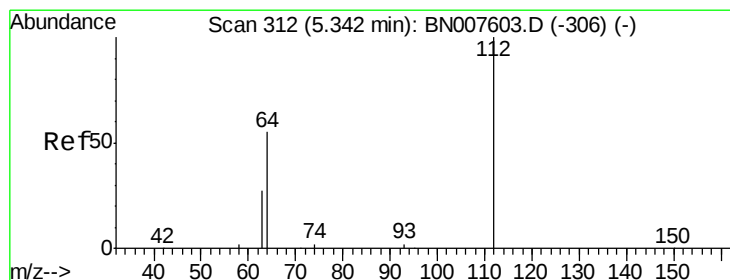
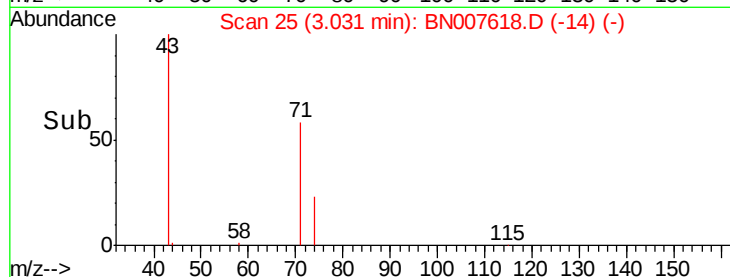
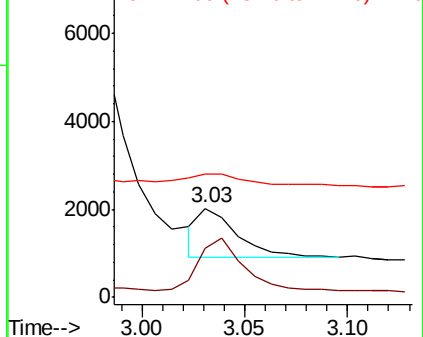
44 37.2 0.0 0.0#



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: 0.297 ng

RT: 5.33 min Scan# 311

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

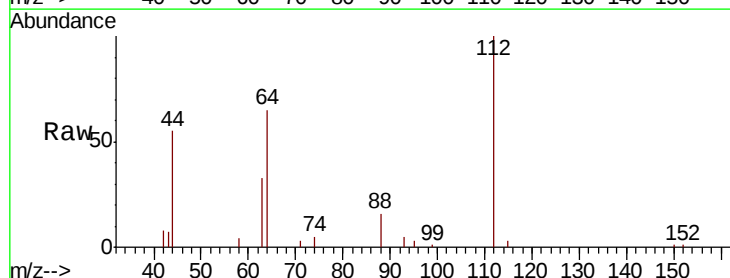
Tgt Ion: 112 Resp: 8220

Ion Ratio Lower Upper

112 100

64 59.7 48.5 72.7

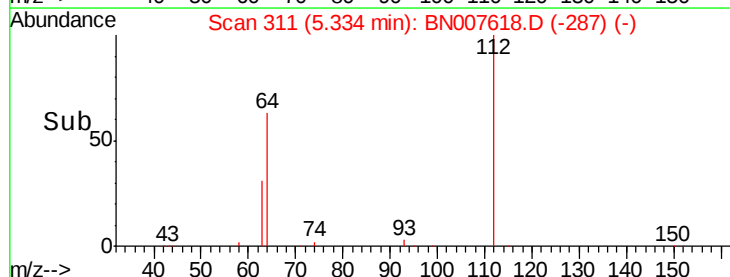
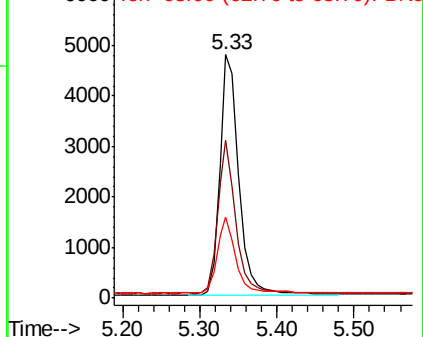
63 30.0 24.4 36.6

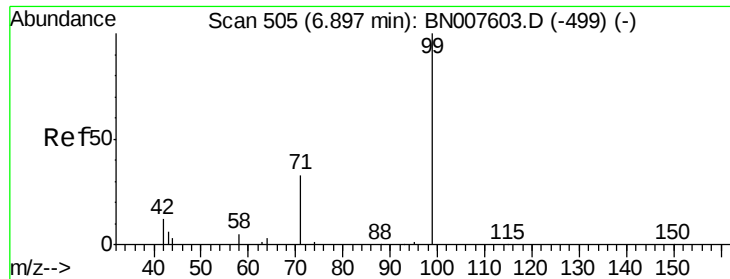


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.315 ng

RT: 6.89 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

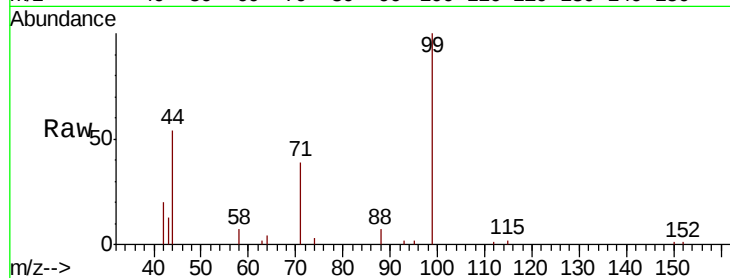
Tot Ion: 99 Resp: 10558

Ion Ratio Lower Upper

99 100

42 15.4 11.8 17.6

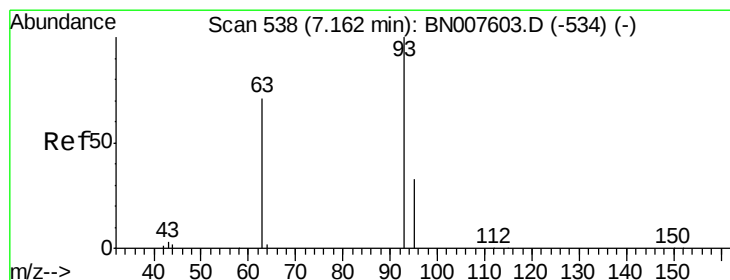
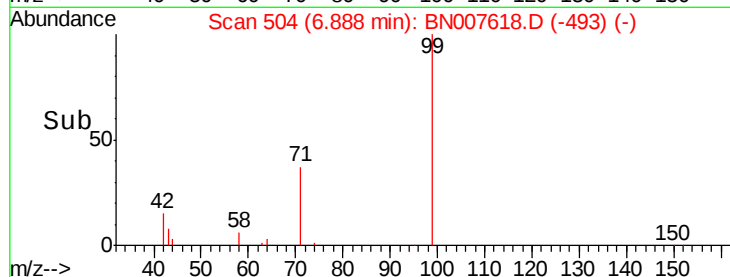
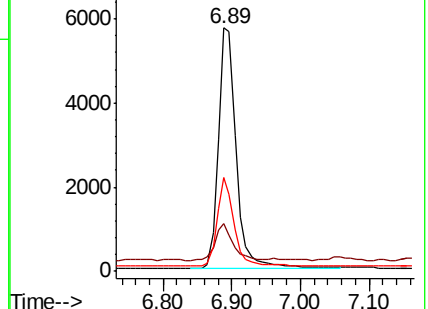
71 34.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BN007603.D (-499) (-)

Ion 42.00 (41.70 to 42.70): BN007603.D (-499) (-)

Ion 71.00 (70.70 to 71.70): BN007603.D (-499) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.306 ng

RT: 7.16 min Scan# 538

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

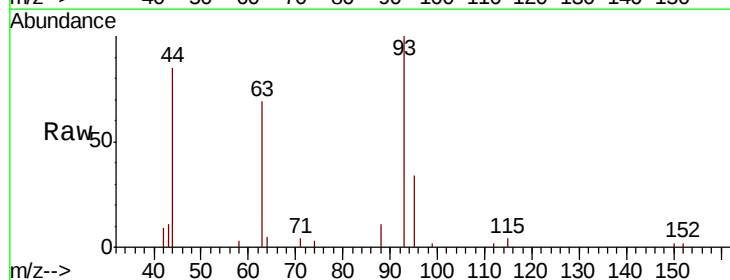
Tgt Ion: 93 Resp: 7761

Ion Ratio Lower Upper

93 100

63 76.6 61.2 91.8

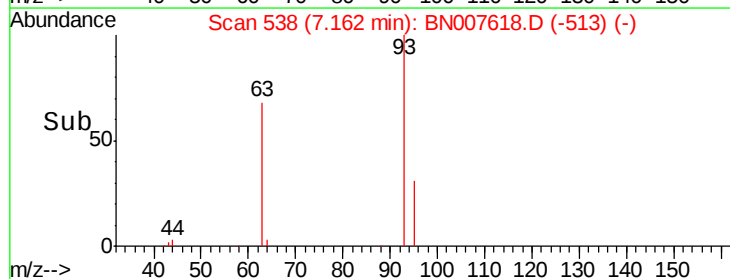
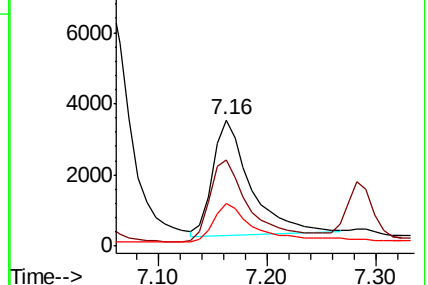
95 38.7 27.2 40.8

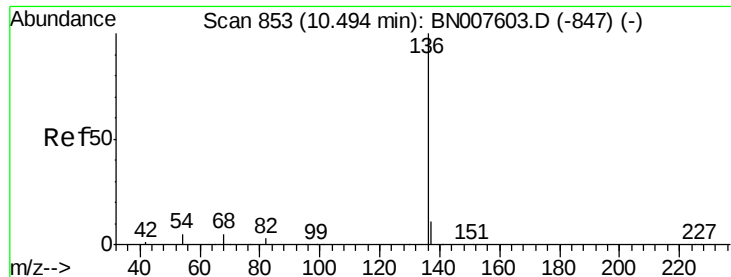


Abundance Ion 93.00 (92.70 to 93.70): BN007603.D (-534) (-)

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: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

Tot Ion:136 Resp: 33806

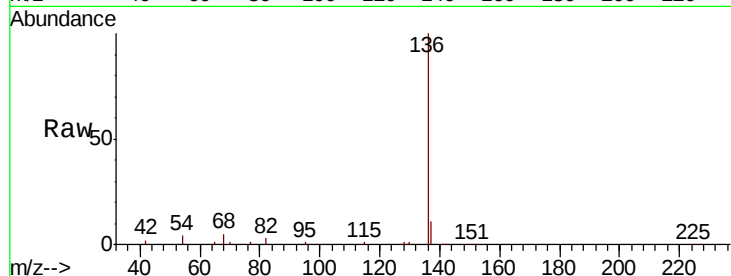
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 4.4 4.2 6.4

68 5.2 4.6 7.0

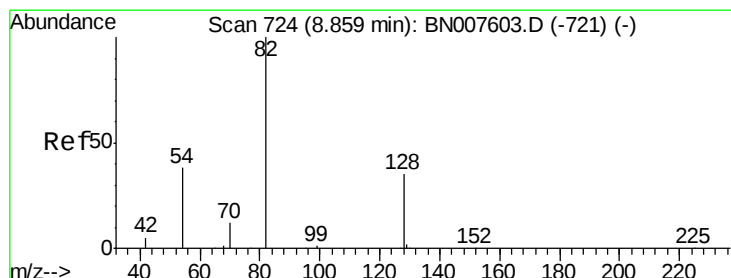
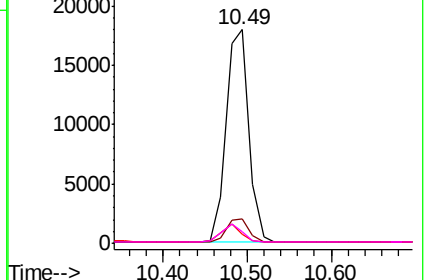
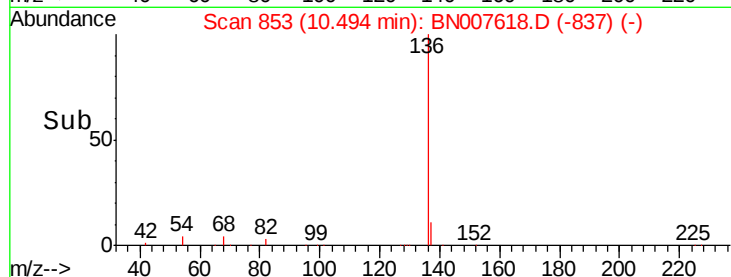


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.334 ng

RT: 8.86 min Scan# 724

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

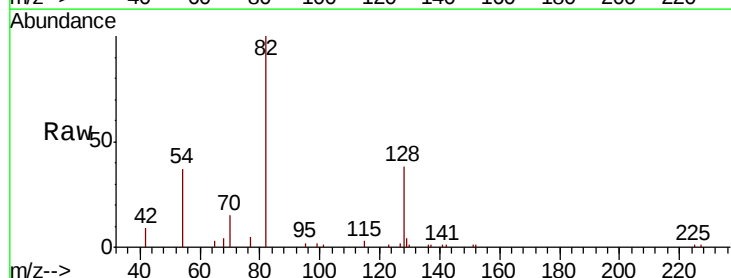
Tgt Ion: 82 Resp: 9016

Ion Ratio Lower Upper

82 100

128 38.0 27.9 41.9

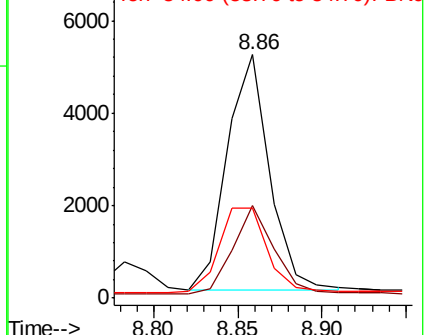
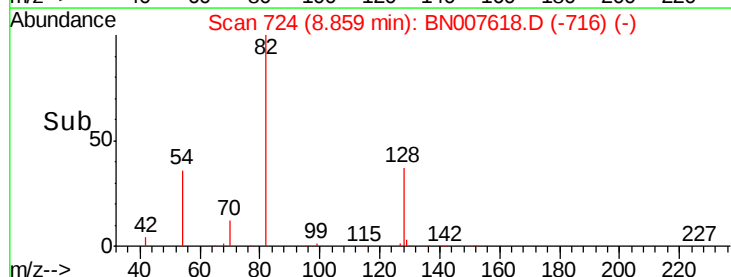
54 37.0 30.9 46.3

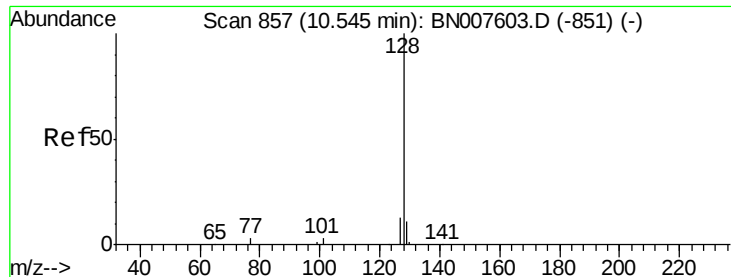


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.353 ng

RT: 10.53 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

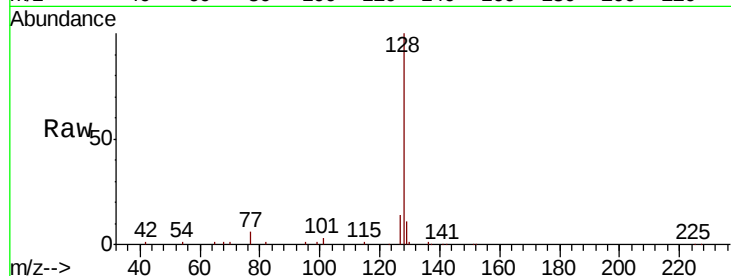
Tot Ion:128 Resp: 34213

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

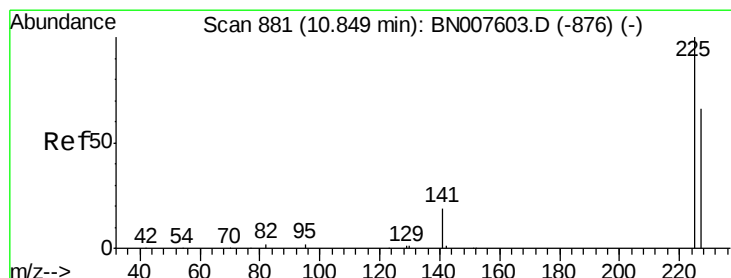
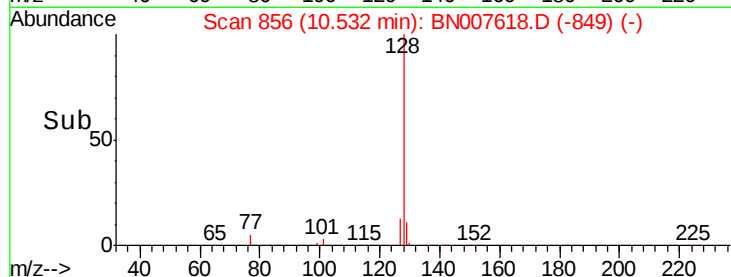
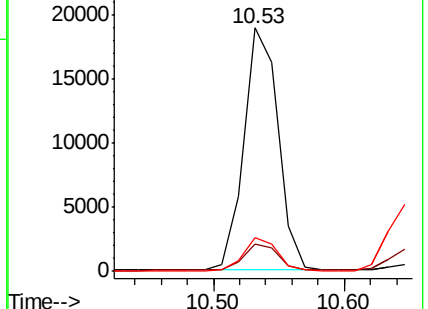
127 13.6 10.4 15.6



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: 0.339 ng

RT: 10.84 min Scan# 880

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

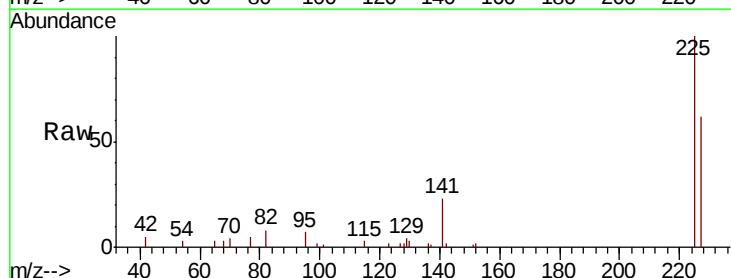
Tgt Ion:225 Resp: 6627

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

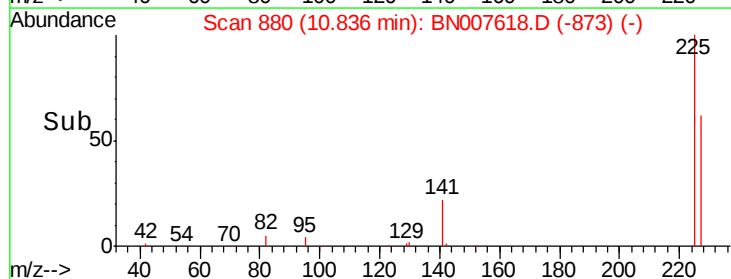
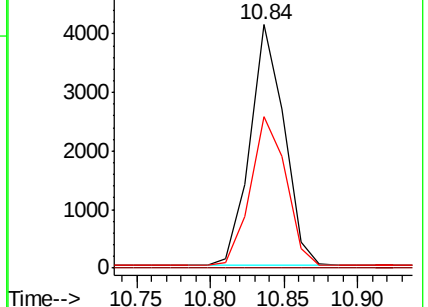
227 64.1 51.3 76.9

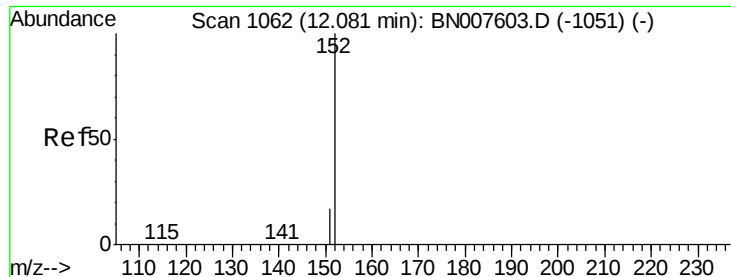


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

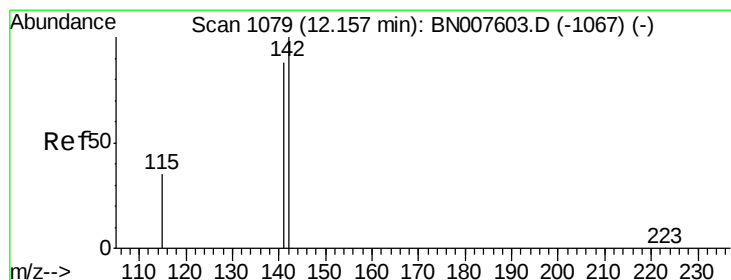
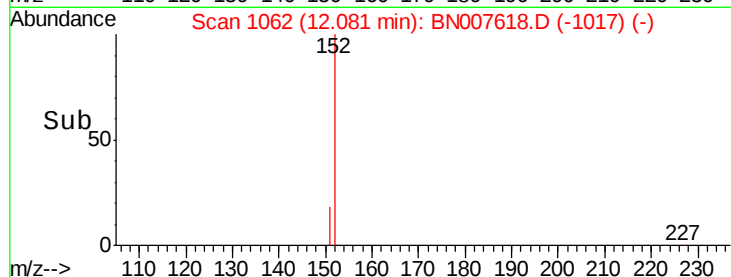
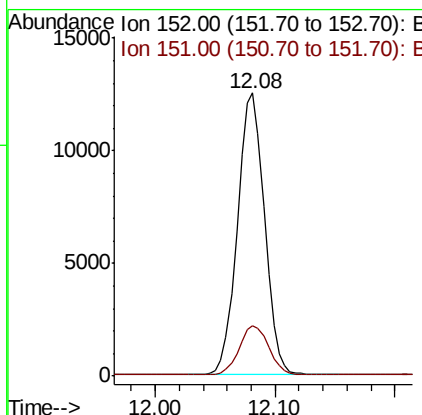
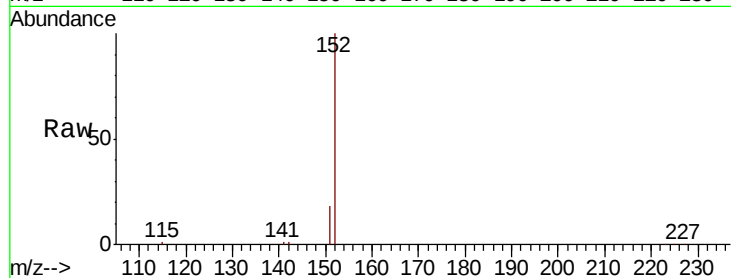




#11
 2-Methylnaphthalene-d10
 Concen: 0.343 ng
 RT: 12.08 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BN007618.D
 Acq: 13 Sep 2019 09:52

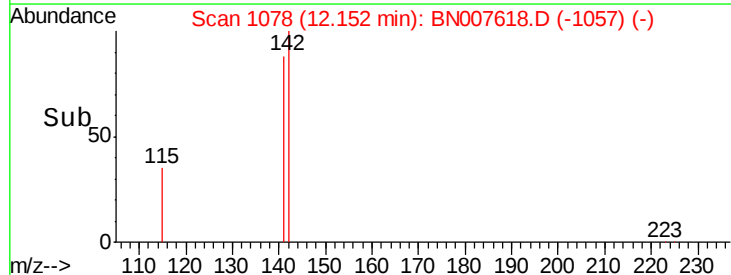
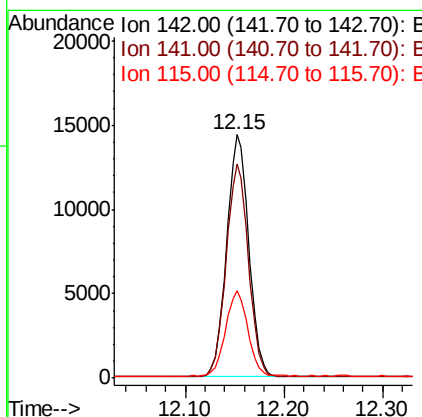
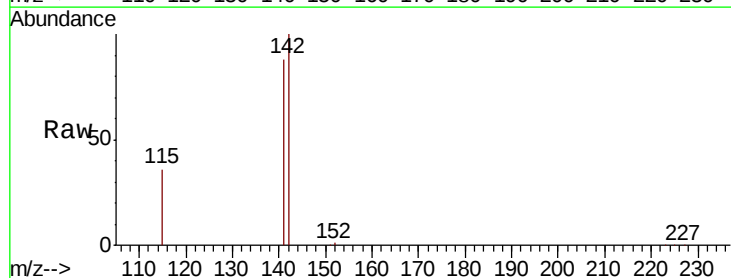
Instrument :
 BNA_N
 ClientSampleId :
 PB123036BS

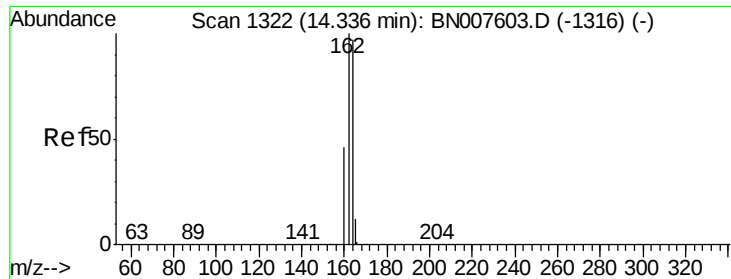
Tot Ion:152 Resp: 19613
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.345 ng
 RT: 12.15 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BN007618.D
 Acq: 13 Sep 2019 09:52

Tgt Ion:142 Resp: 22466
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.5 105.7
 115 35.8 28.4 42.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

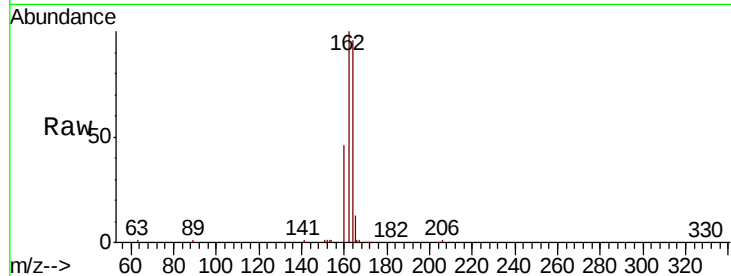
Tot Ion:164 Resp: 17142

Ion Ratio Lower Upper

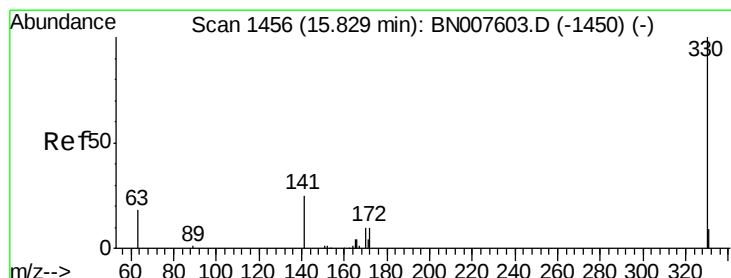
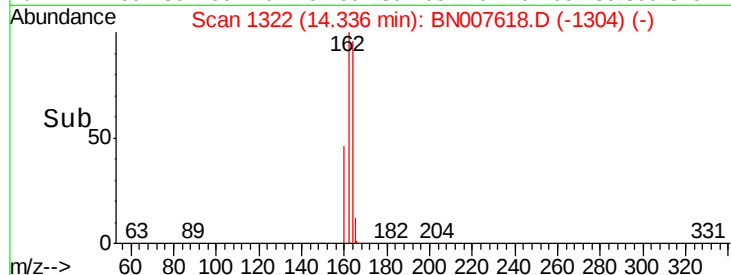
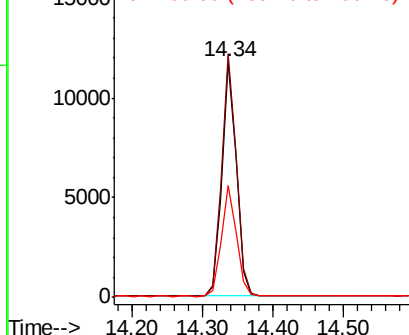
164 100

162 103.7 82.8 124.2

160 47.5 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: 0.280 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

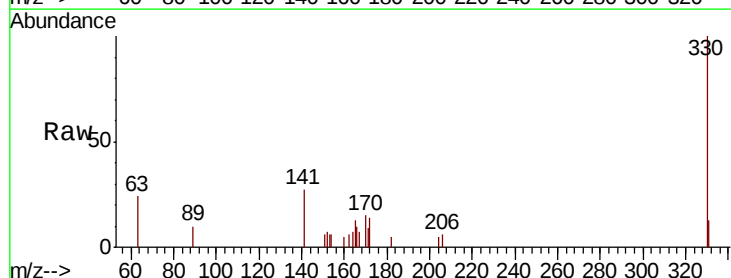
Tgt Ion:330 Resp: 1817

Ion Ratio Lower Upper

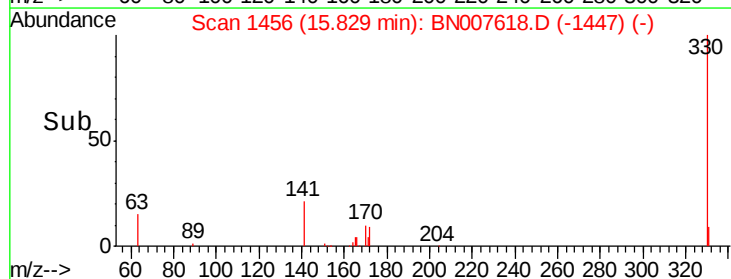
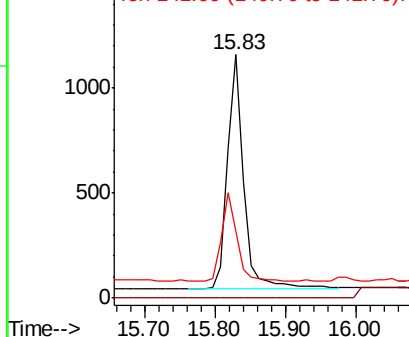
330 100

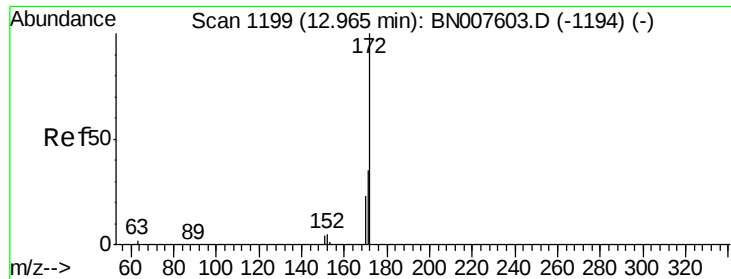
332 0.0 0.0 0.0

141 35.9 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

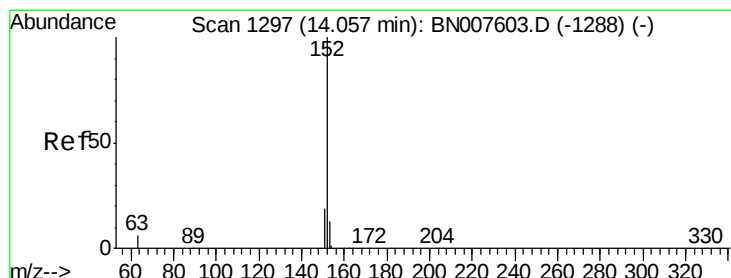
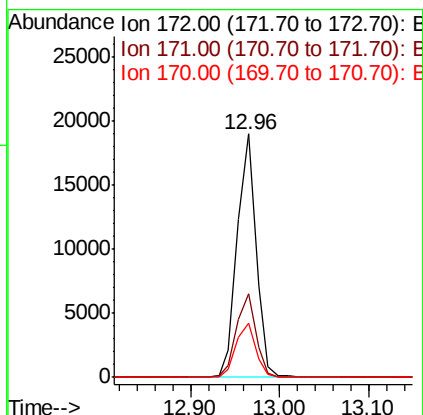
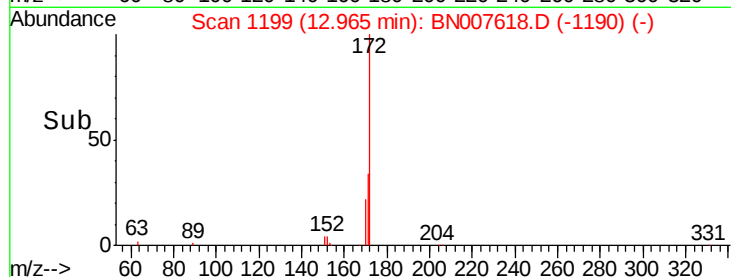
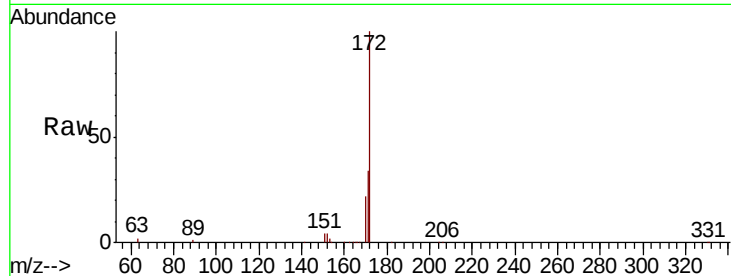




#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 12.96 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007618.D
Acq: 13 Sep 2019 09:52

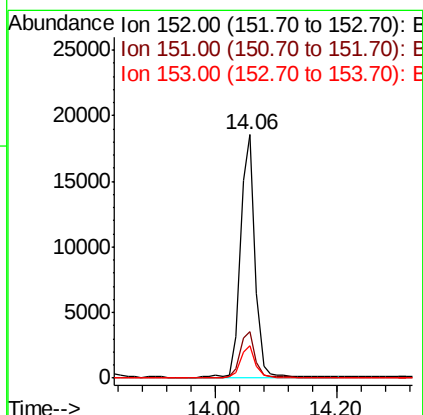
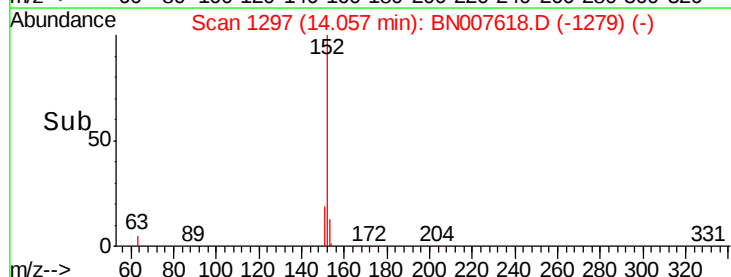
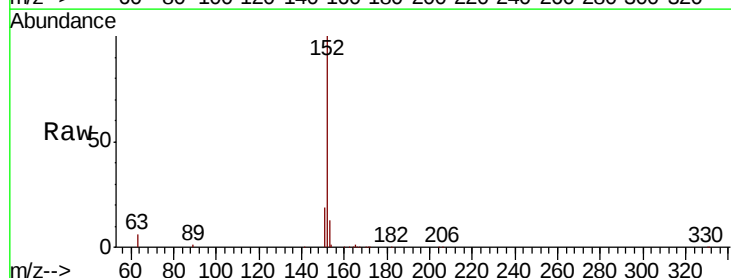
Instrument :
BNA_N
ClientSampleId :
PB123036BS

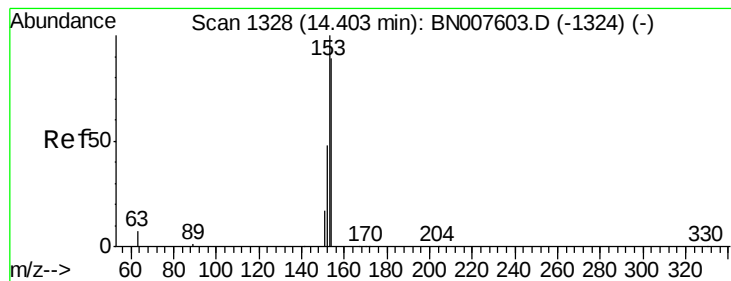
Tot Ion:172 Resp: 27826
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 22.3 18.5 27.7



#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007618.D
Acq: 13 Sep 2019 09:52

Tgt Ion:152 Resp: 30301
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.345 ng

RT: 14.40 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

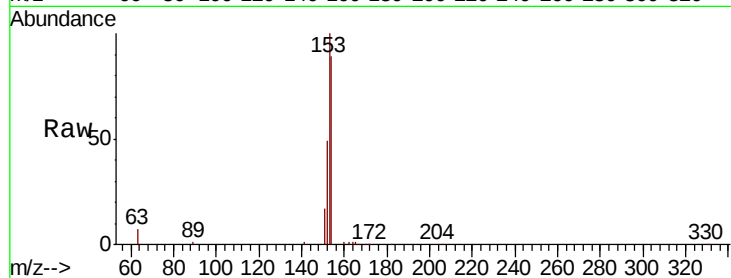
BNA_N

ClientSampleId :

PB123036BS

Tot Ion:154 Resp: 20065

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.8	134.8
152	55.8	43.8	65.8

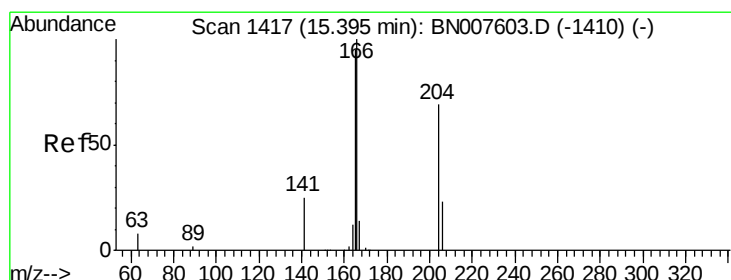
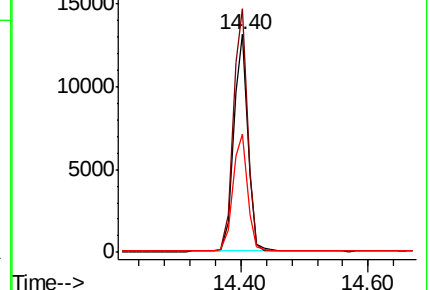
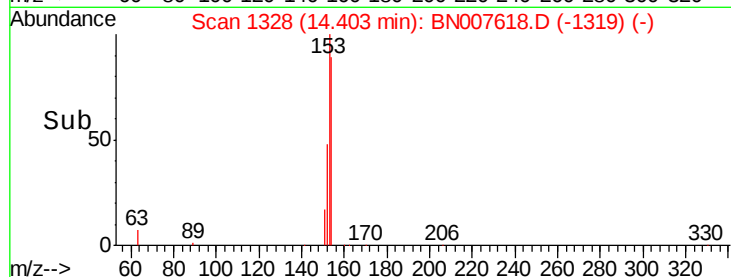


Abundance

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: 0.347 ng

RT: 15.38 min Scan# 1416

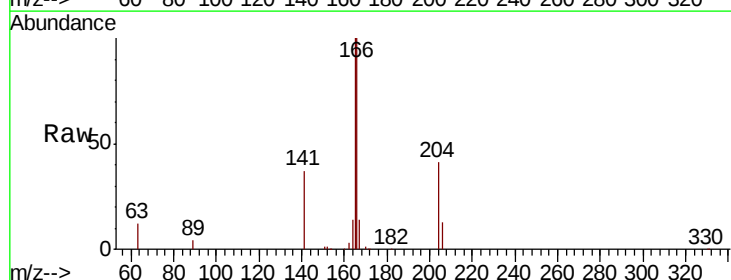
Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Tgt Ion:166 Resp: 25448

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.5	10.8	16.2

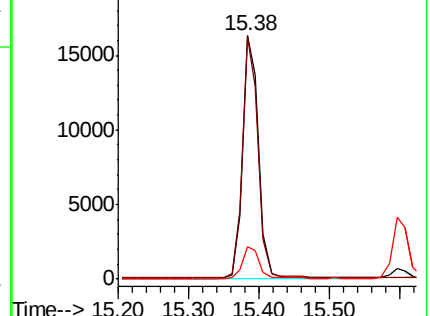
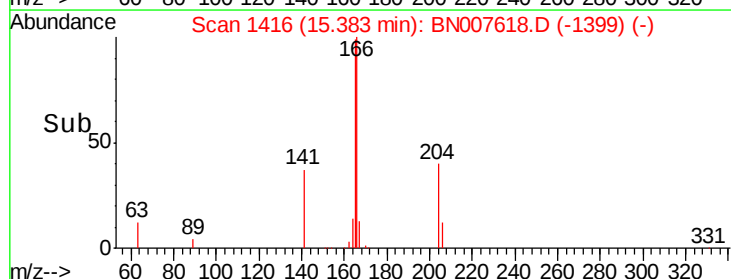


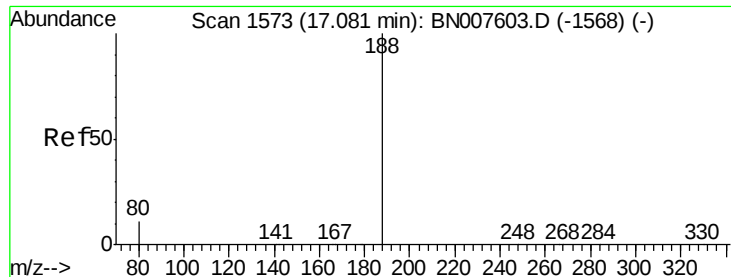
Abundance

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: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

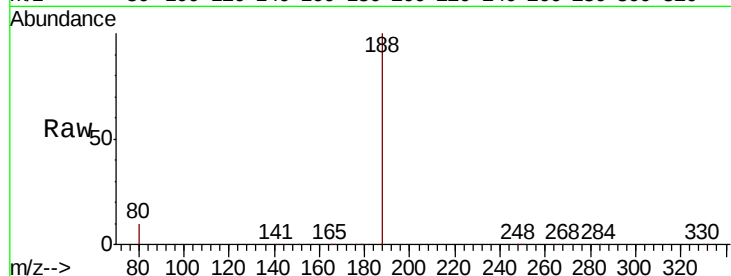
Tot Ion:188 Resp: 38830

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

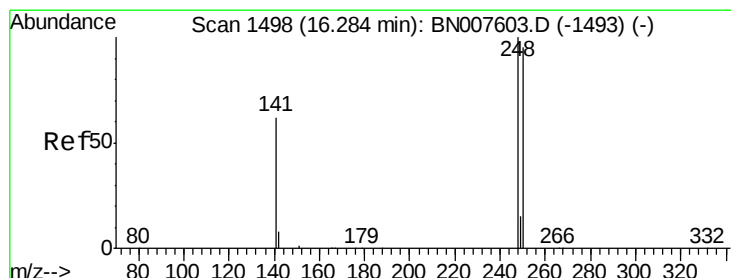
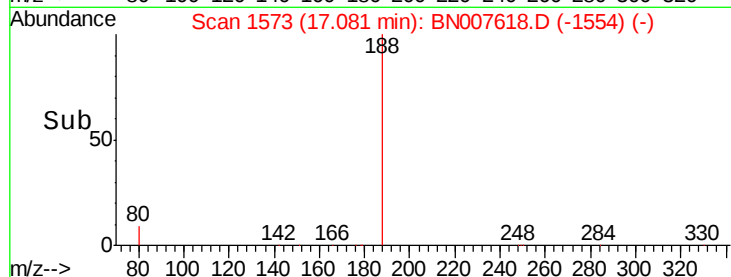
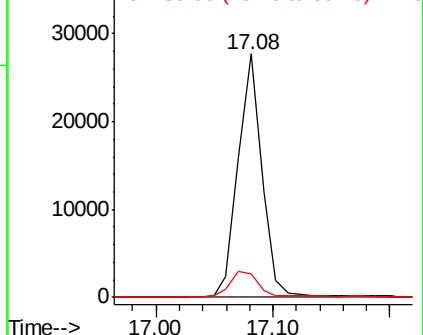
80 9.5 8.8 13.2



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: 0.334 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

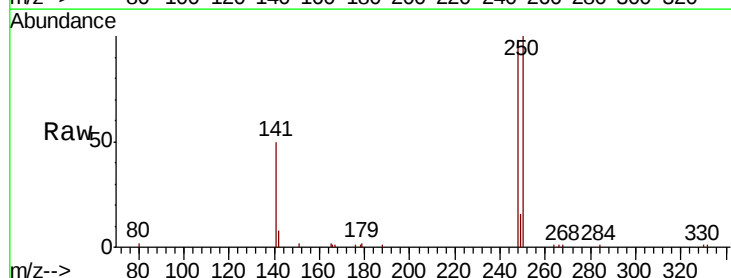
Tgt Ion:248 Resp: 8017

Ion Ratio Lower Upper

248 100

250 102.2 76.3 114.5

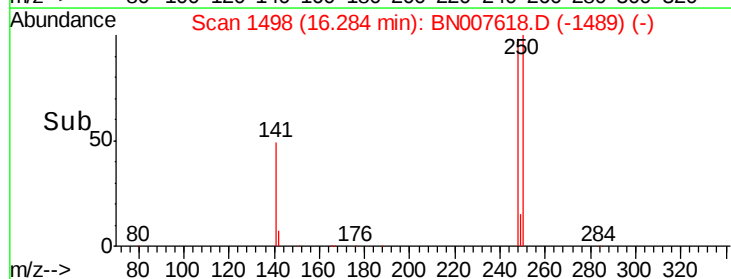
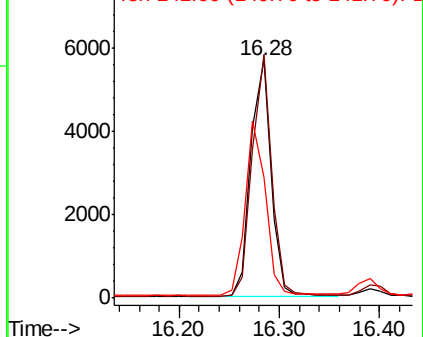
141 50.8 49.7 74.5

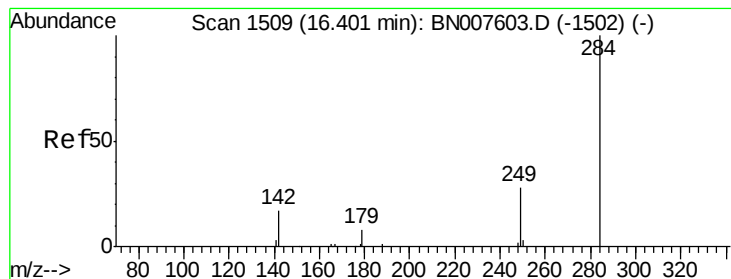


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.335 ng

RT: 16.40 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

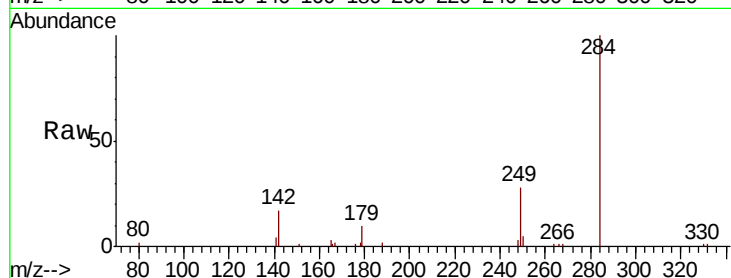
Tot Ion:284 Resp: 8603

Ion Ratio Lower Upper

284 100

142 36.0 27.8 41.6

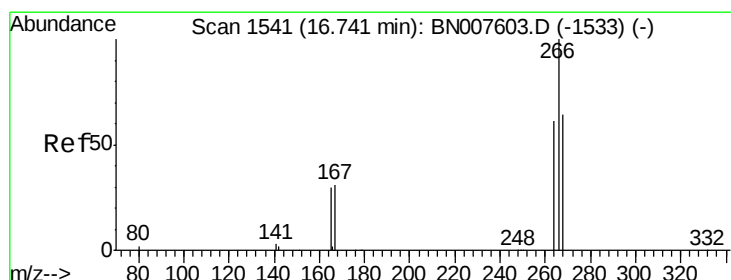
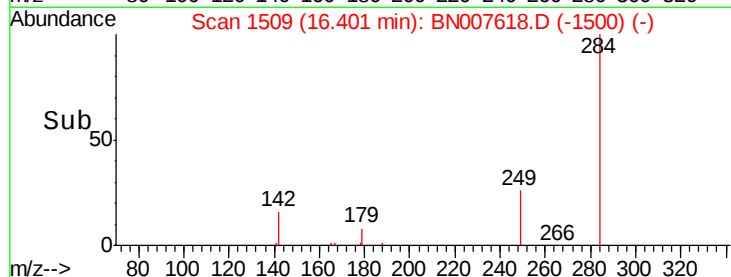
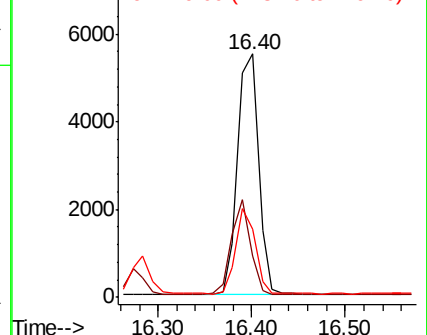
249 32.6 25.5 38.3



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: 0.609 ng

RT: 16.73 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

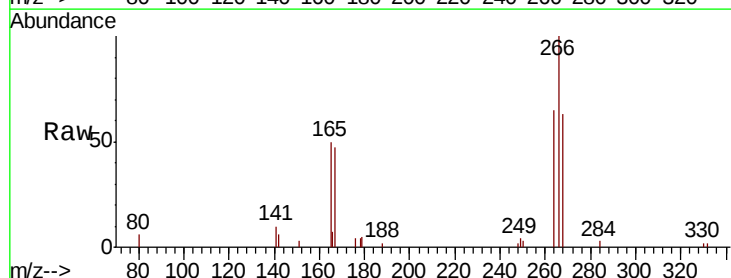
Tgt Ion:266 Resp: 4058

Ion Ratio Lower Upper

266 100

264 65.3 49.4 74.0

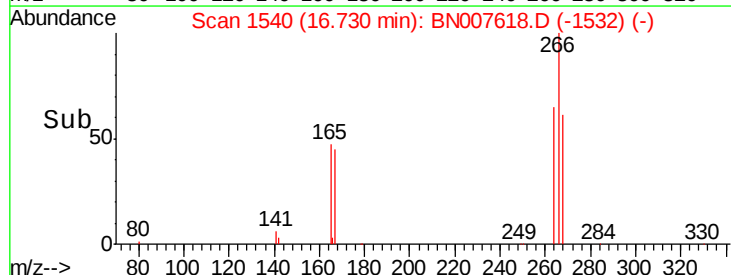
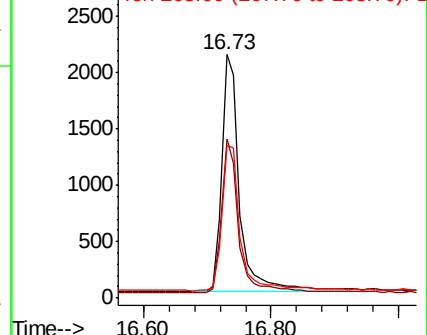
268 62.9 53.0 79.6

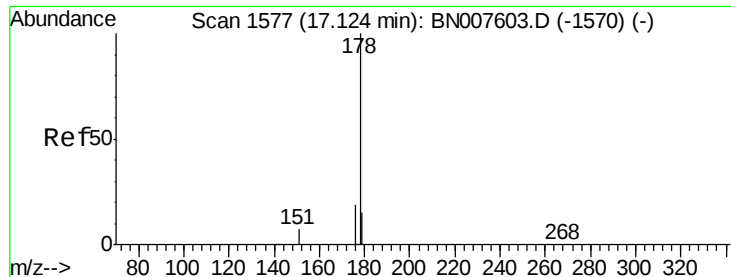


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.347 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

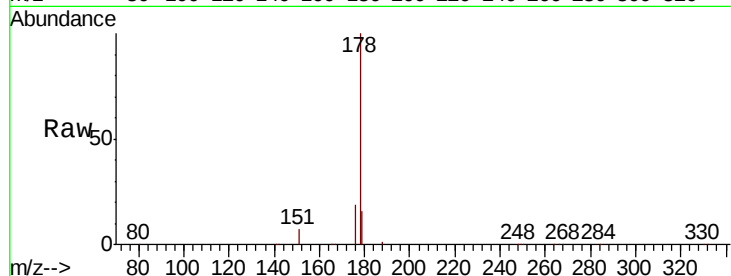
Tot Ion:178 Resp: 42516

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.5 12.4 18.6

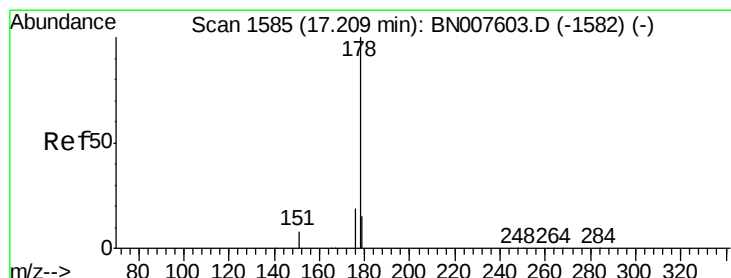
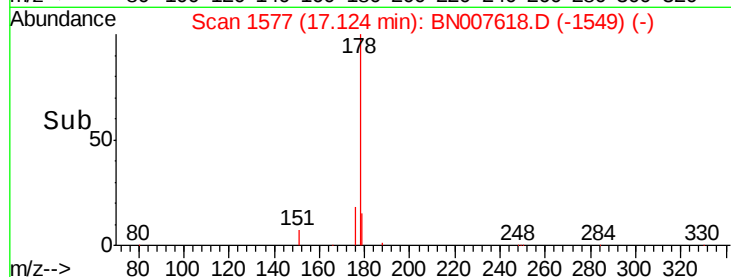
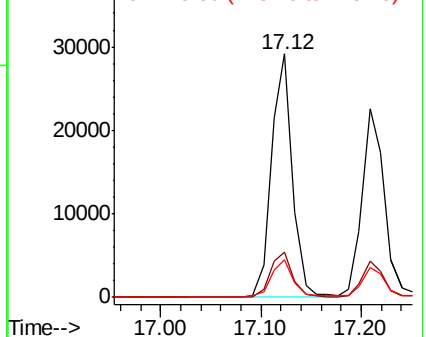


Abundance

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



#24

Anthracene

Concen: 0.324 ng

RT: 17.21 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

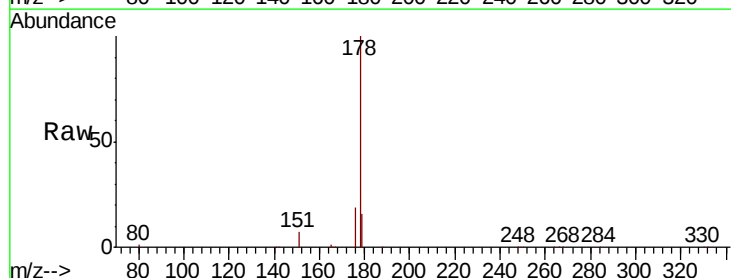
Tgt Ion:178 Resp: 35205

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

179 15.1 12.4 18.6

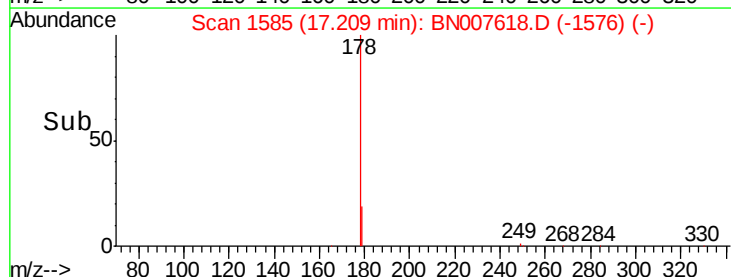
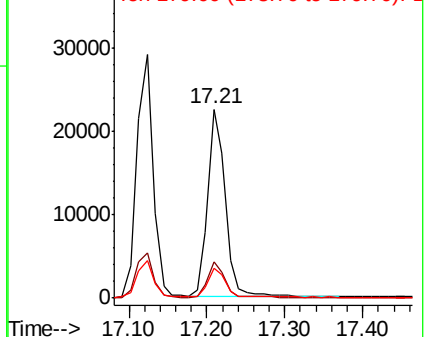


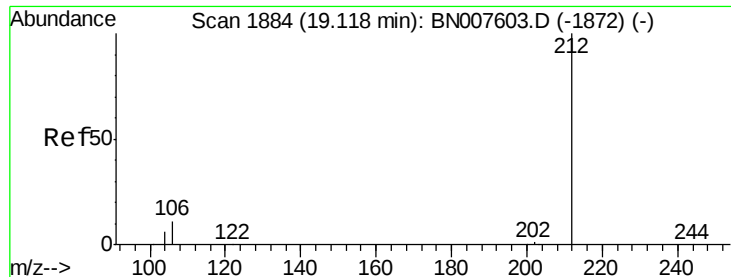
Abundance

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: 0.339 ng

RT: 19.11 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

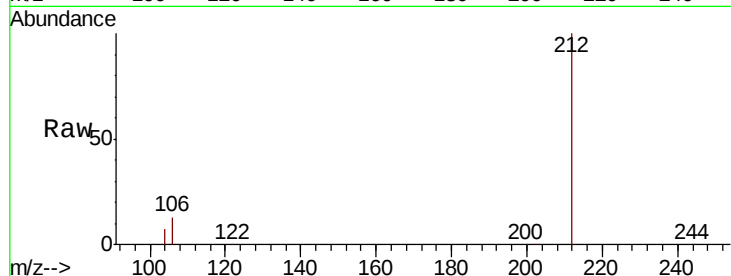
Tot Ion:212 Resp: 41597

Ion Ratio Lower Upper

212 100

106 12.3 9.6 14.4

104 6.9 5.4 8.0

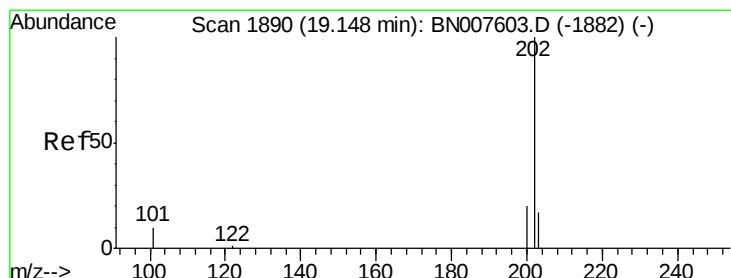
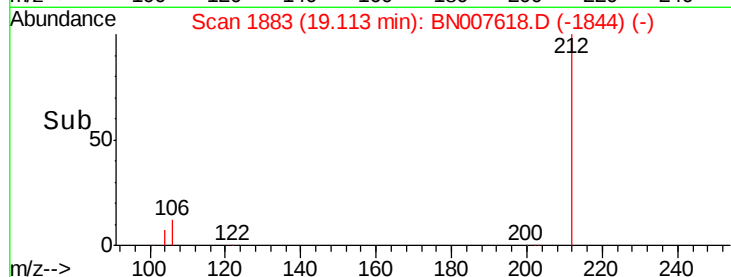
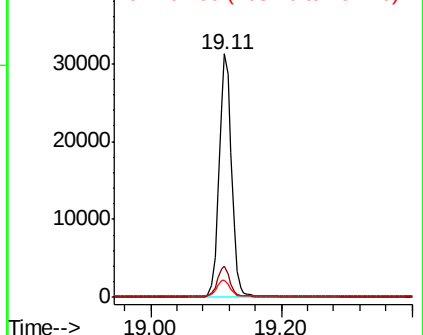


Abundance

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: 0.338 ng

RT: 19.14 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

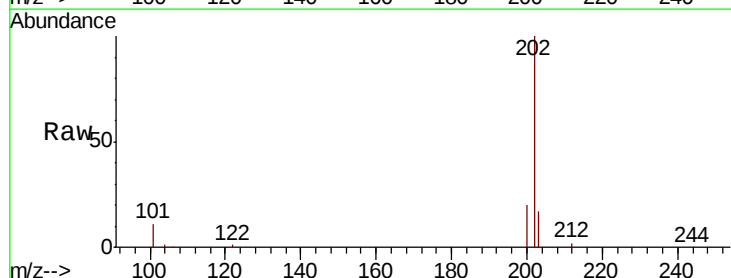
Tgt Ion:202 Resp: 48354

Ion Ratio Lower Upper

202 100

101 11.0 8.6 13.0

203 17.2 13.8 20.6

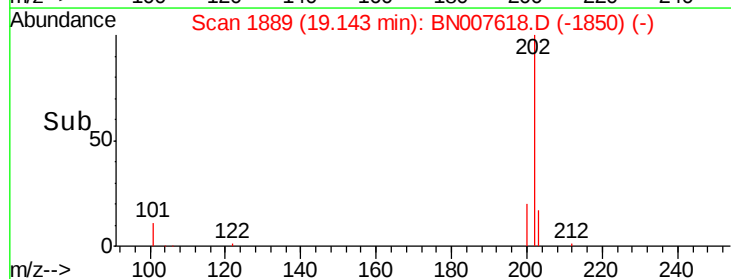
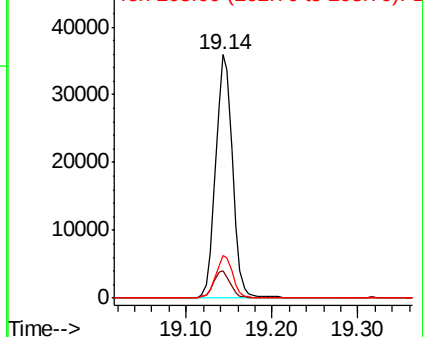


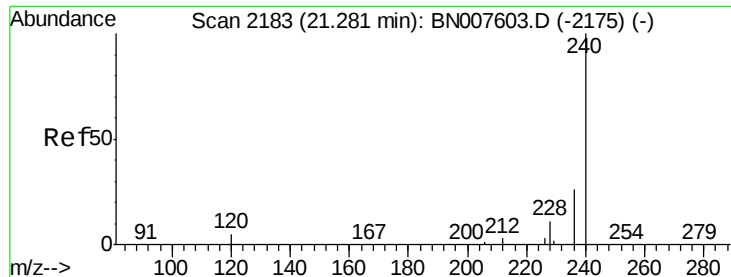
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

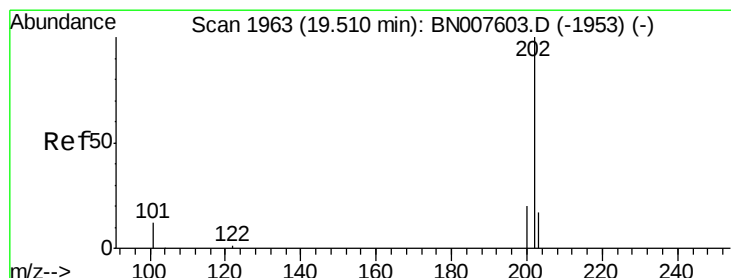
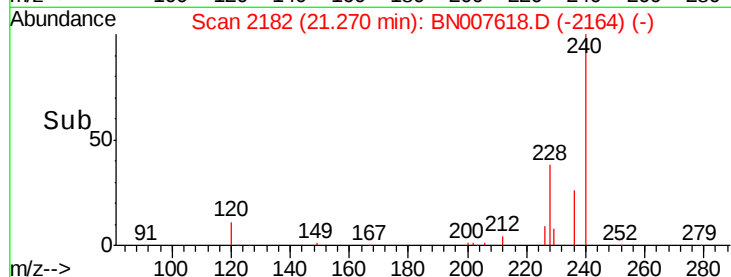
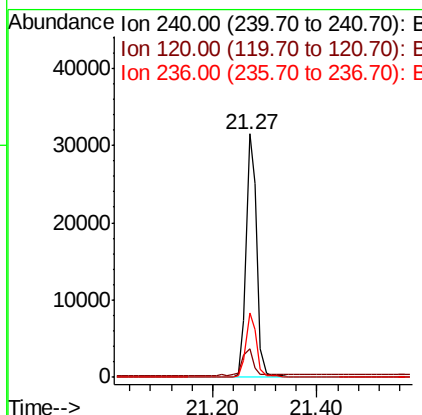
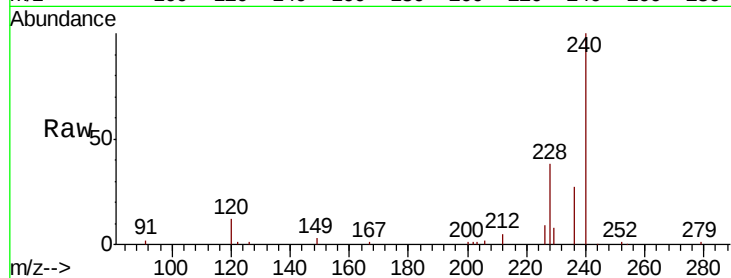




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BN007618.D
 Acq: 13 Sep 2019 09:52

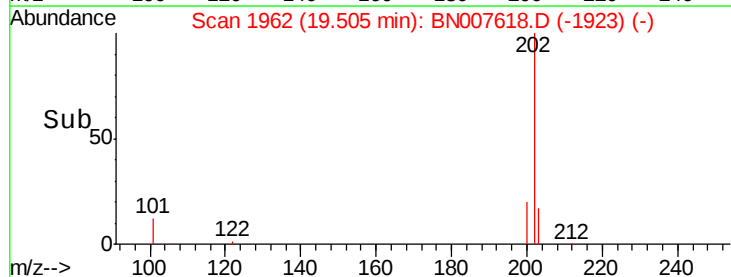
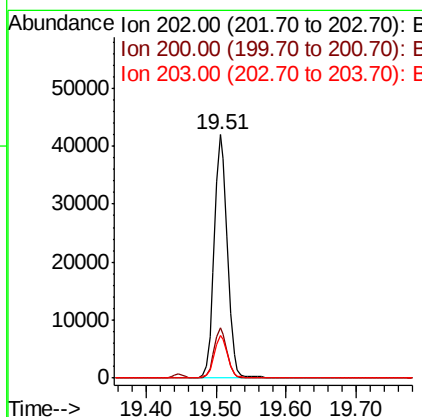
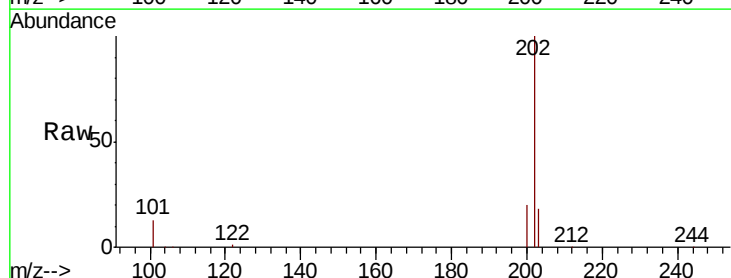
Instrument :
 BNA_N
 ClientSampleId :
 PB123036BS

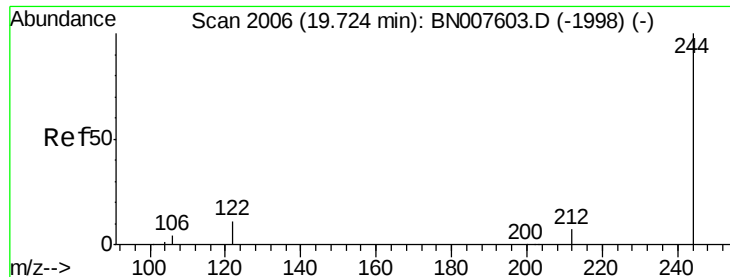
Tot Ion:240 Resp: 43967
 Ion Ratio Lower Upper
 240 100
 120 11.7 4.3 6.5#
 236 26.6 20.8 31.2



#28
 Pyrene
 Concen: 0.342 ng
 RT: 19.51 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BN007618.D
 Acq: 13 Sep 2019 09:52

Tgt Ion:202 Resp: 54575
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.4 24.6
 203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.297 ng

RT: 19.72 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

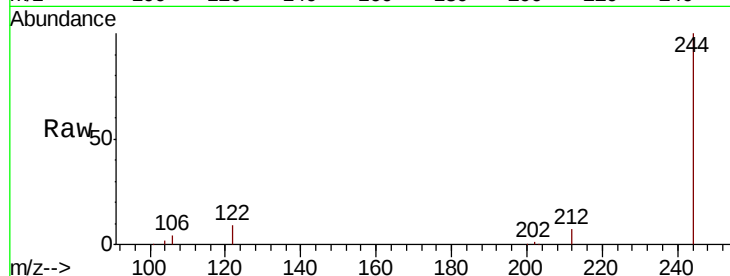
Tot Ion:244 Resp: 34469

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

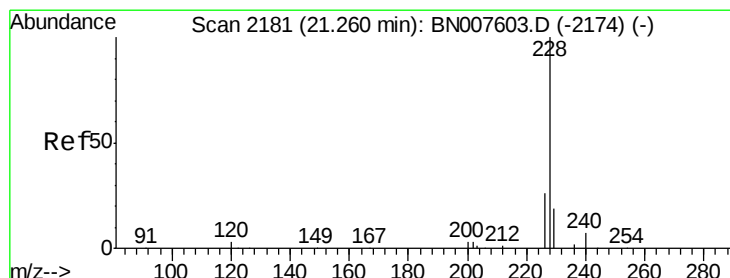
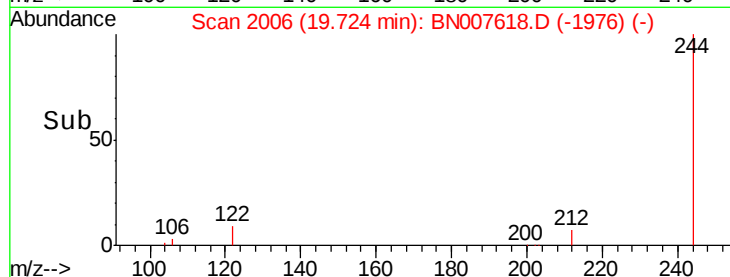
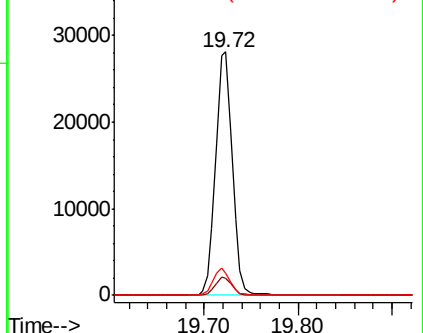
122 9.1 8.6 12.8



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: 0.300 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

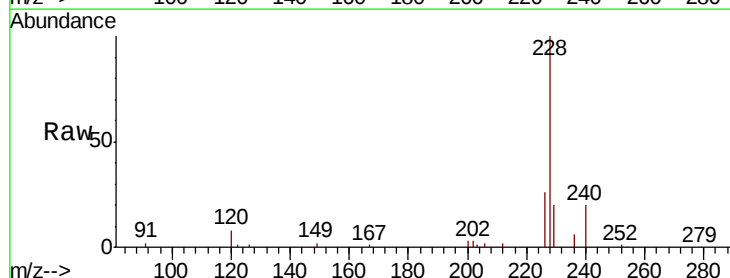
Tgt Ion:228 Resp: 46777

Ion Ratio Lower Upper

228 100

226 25.9 21.2 31.8

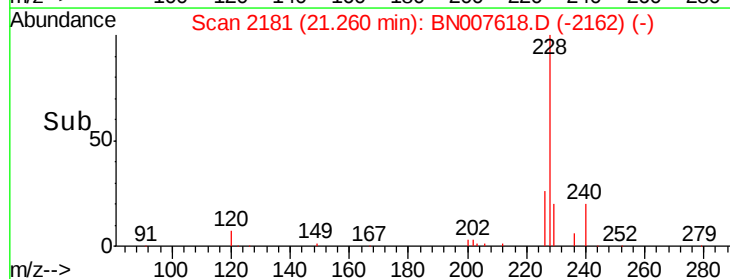
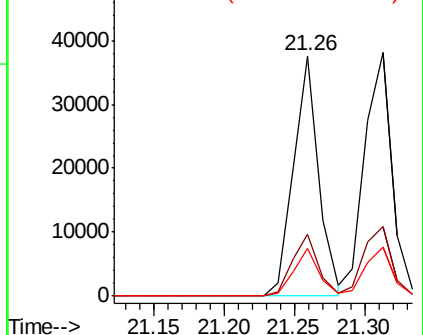
229 19.8 15.5 23.3

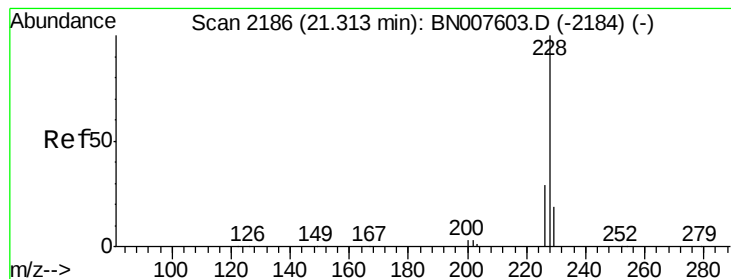


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.316 ng

RT: 21.31 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

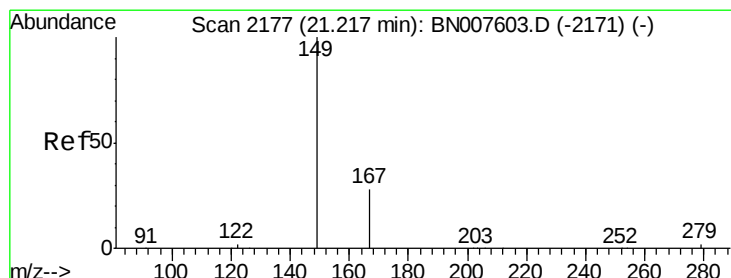
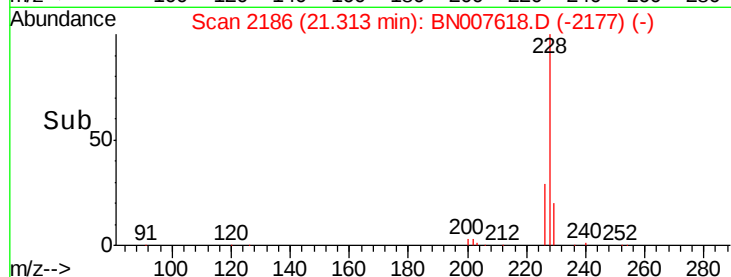
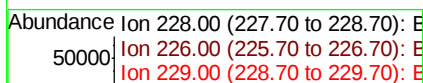
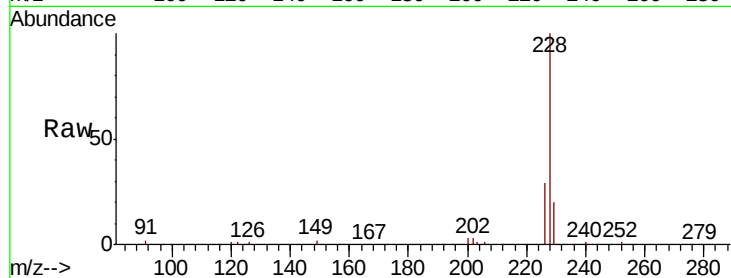
Tot Ion:228 Resp: 51260

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.2

229 20.0 15.5 23.3



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.266 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

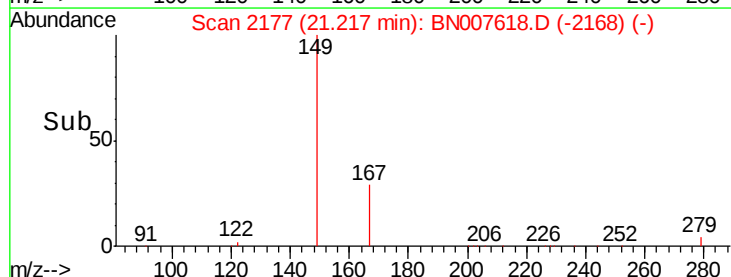
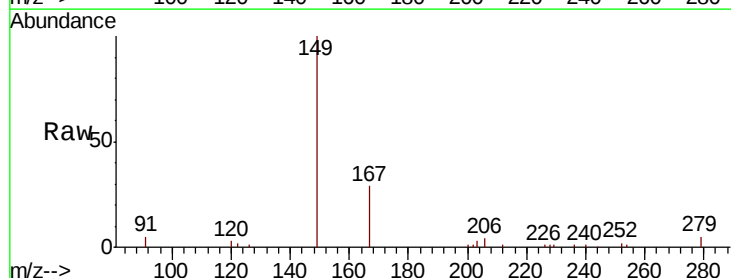
Tgt Ion:149 Resp: 14076

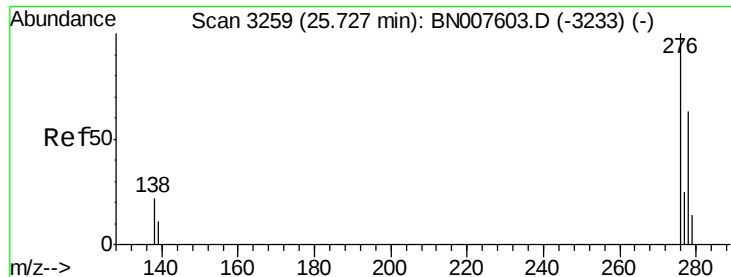
Ion Ratio Lower Upper

149 100

167 27.6 22.6 34.0

279 5.7 3.8 5.6#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.314 ng

RT: 25.72 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

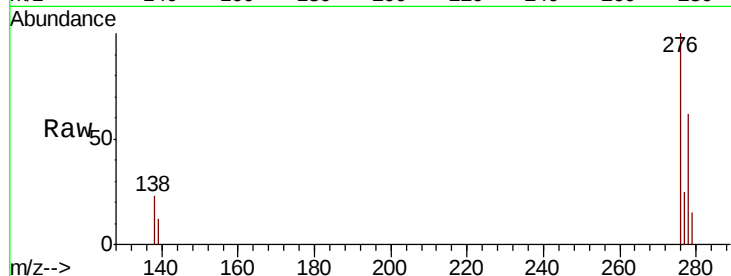
Tot Ion:276 Resp: 54365

Ion Ratio Lower Upper

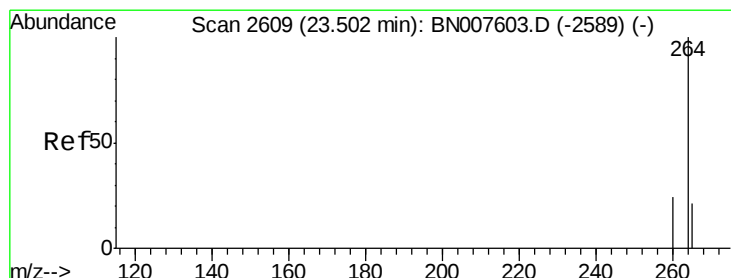
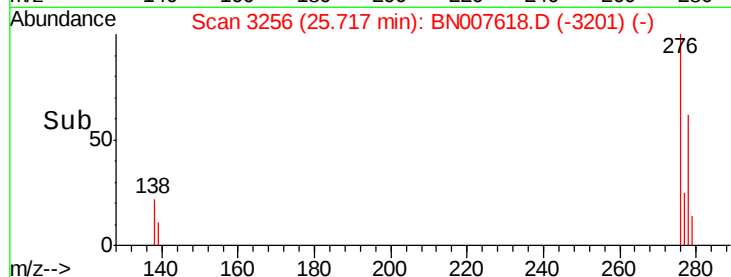
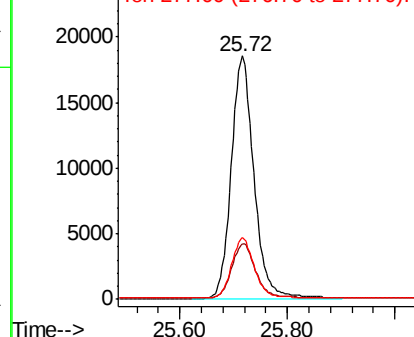
276 100

138 23.4 18.2 27.4

277 25.1 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

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

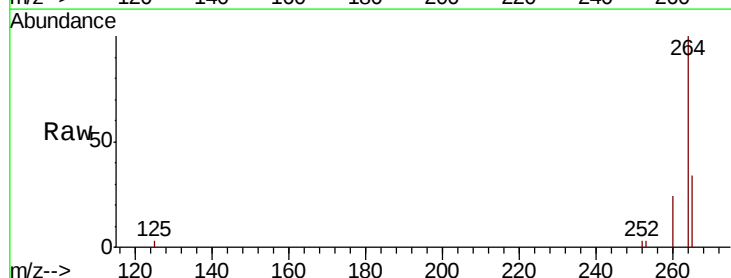
Tgt Ion:264 Resp: 40266

Ion Ratio Lower Upper

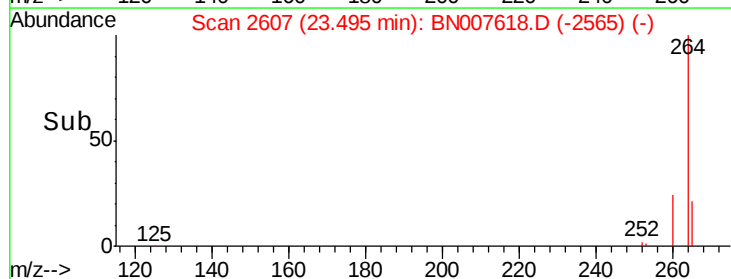
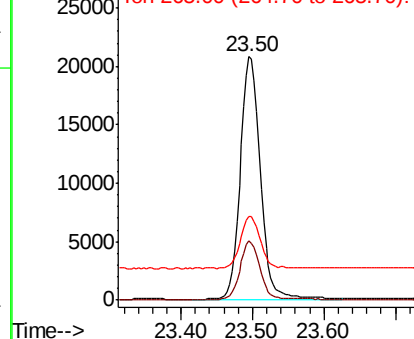
264 100

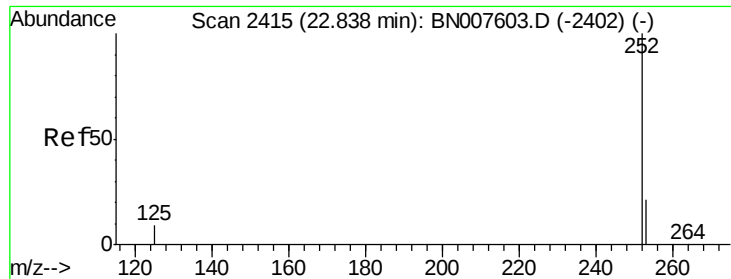
260 24.2 19.1 28.7

265 34.2 24.6 37.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.317 ng

RT: 22.83 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

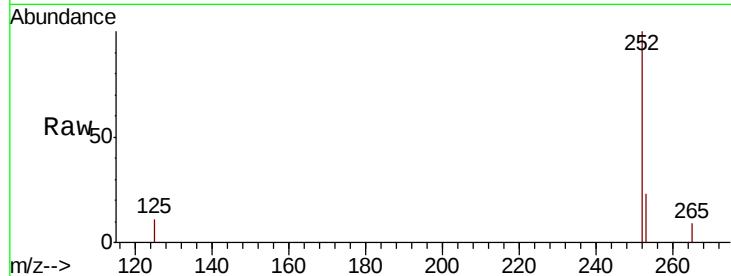
Tot Ion:252 Resp: 46390

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

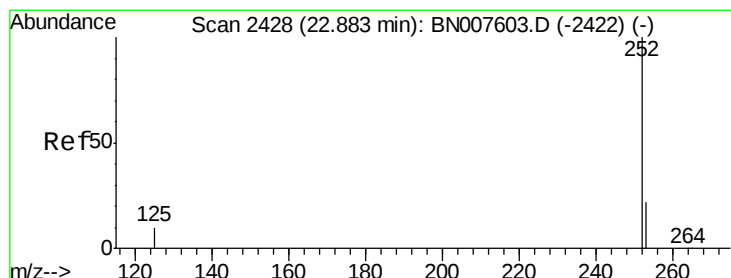
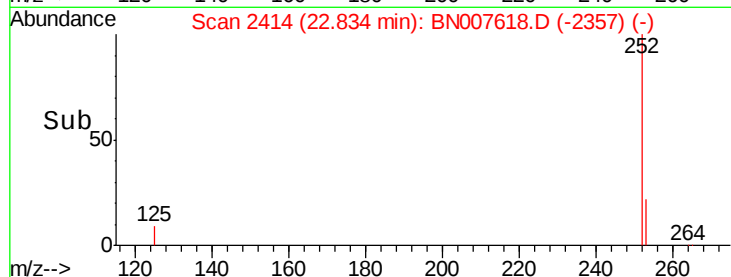
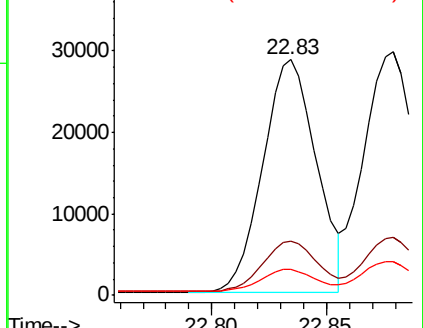
125 11.0 8.0 12.0



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



#36

Benzo(k)fluoranthene

Concen: 0.310 ng

RT: 22.83 min Scan# 2414

Delta R.T. -0.05 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

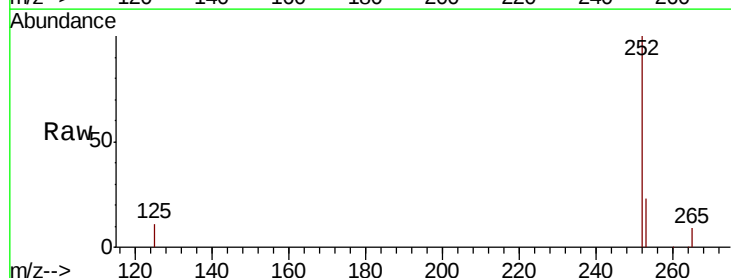
Tgt Ion:252 Resp: 46390

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

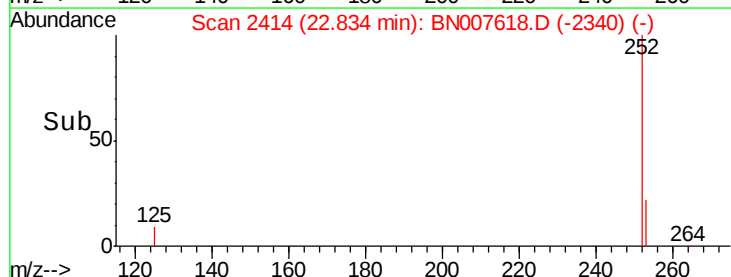
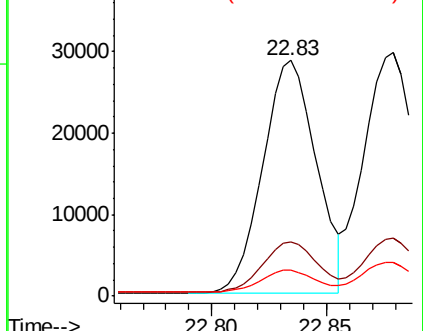
125 11.0 8.9 13.3

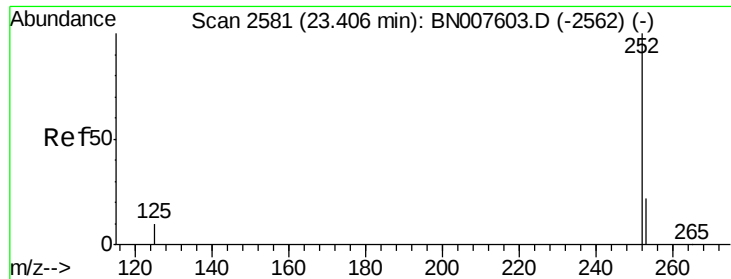


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.313 ng

RT: 23.40 min Scan# 2580

Delta R.T. -0.00 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

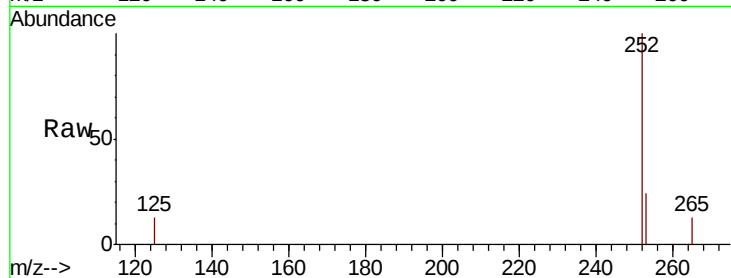
Tot Ion:252 Resp: 40589

Ion Ratio Lower Upper

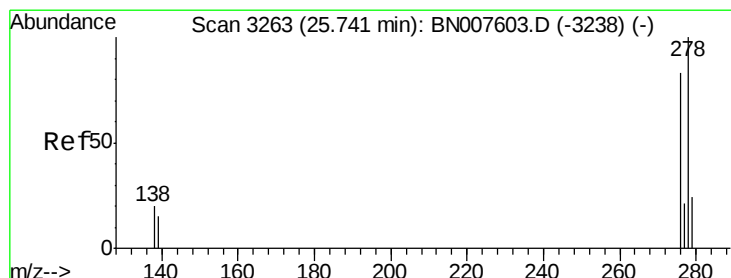
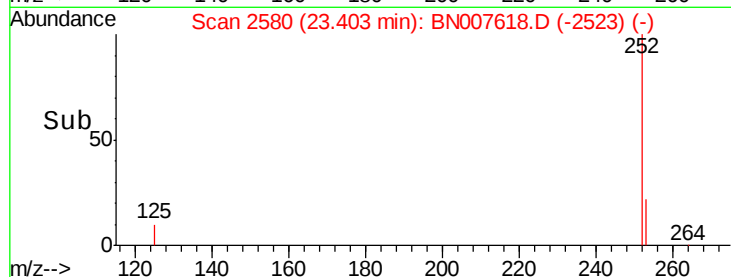
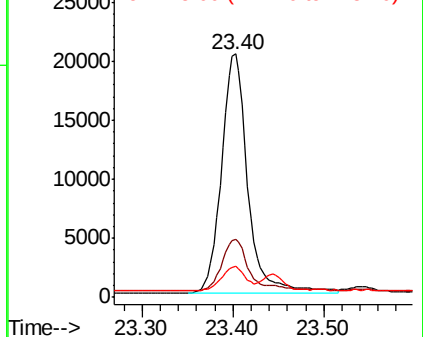
252 100

253 23.8 18.3 27.5

125 12.7 8.9 13.3



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: 0.328 ng

RT: 25.73 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

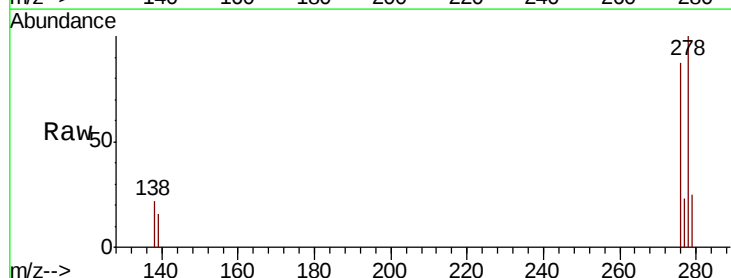
Tgt Ion:278 Resp: 44607

Ion Ratio Lower Upper

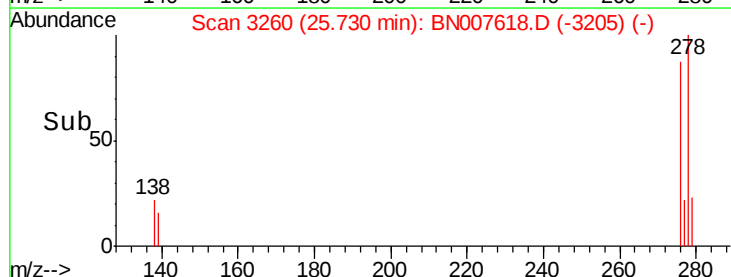
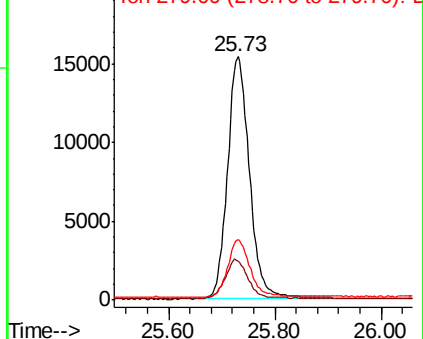
278 100

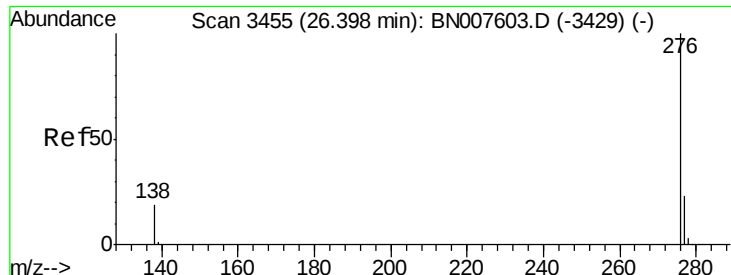
139 16.2 12.6 18.8

279 24.6 19.6 29.4



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(a,h,i)perylene

Concen: 0.325 ng

RT: 26.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BN007618.D

Acq: 13 Sep 2019 09:52

Instrument :

BNA_N

ClientSampleId :

PB123036BS

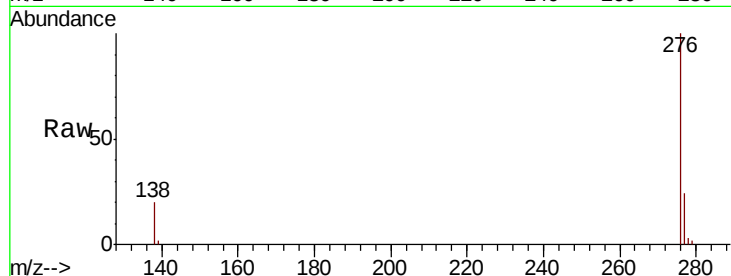
Tot Ion: 276 Resp: 43718

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 20.4 15.8 23.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

