

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070119\
 Data File : BN006686.D
 Acq On : 02 Jul 2019 07:28
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jul 02 08:48:16 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	7.62	152	4364	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	17799	0.40	ng	-0.01
13) Acenaphthene-d10	14.27	164	9520	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	20525	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	18589	0.40	ng	-0.01
34) Perylene-d12	23.49	264	21039	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	4842	0.45	ng	0.00
5) Phenol-d6	6.82	99	6416	0.45	ng	0.00
8) Nitrobenzene-d5	8.78	82	5225	0.44	ng	-0.01
11) 2-Methylnaphthalene-d10	11.99	152	11241	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	2050	0.46	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	15630	0.44	ng	-0.01
25) Fluoranthene-d10	19.08	212	25390	0.42	ng	0.00
29) Terphenyl-d14	19.68	244	18262	0.47	ng	0.00

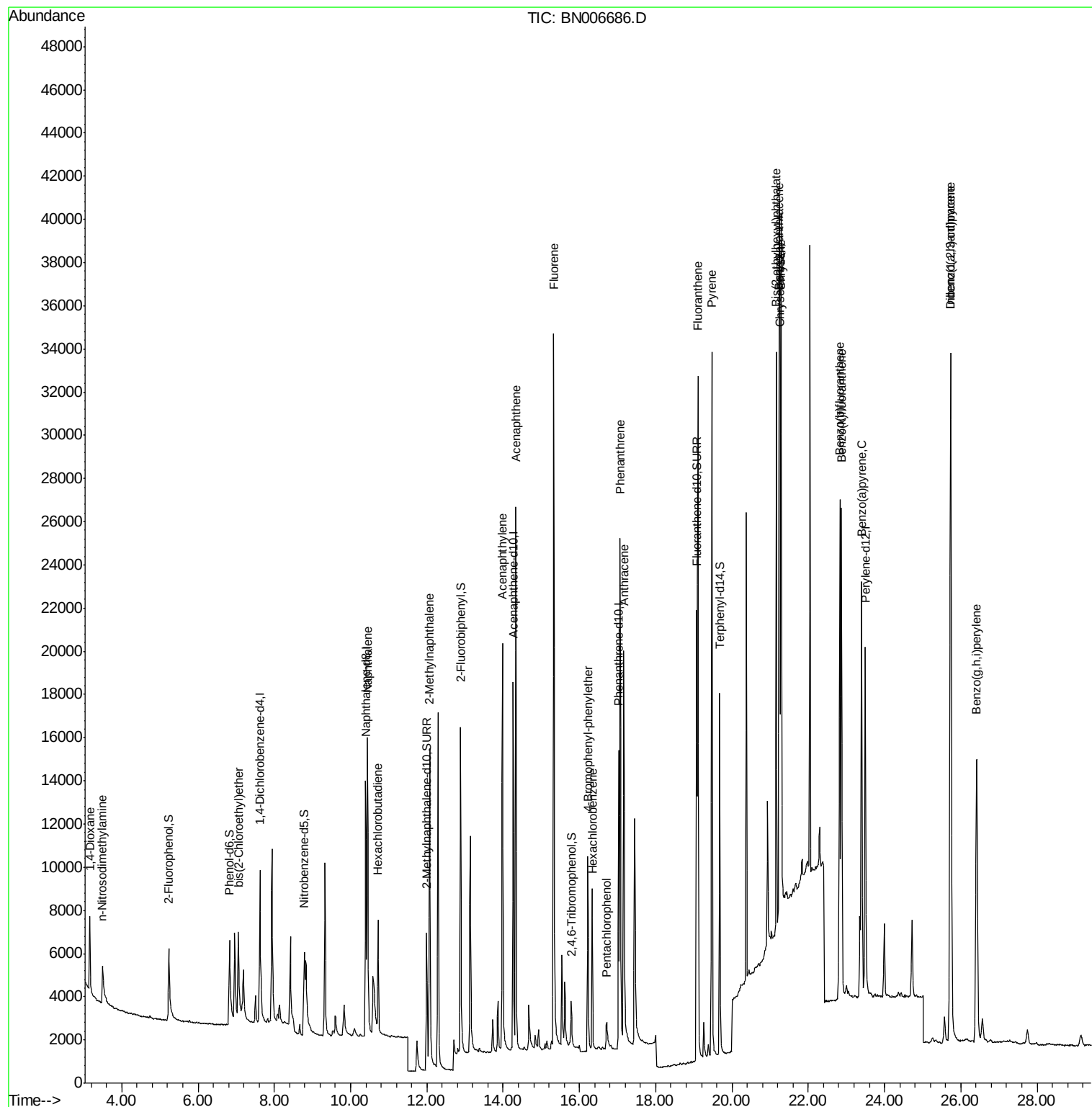
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	2418	0.400	ng	98
3) n-Nitrosodimethylamine	3.50	42	1816	0.383	ng	# 99
6) bis(2-Chloroethyl)ether	7.06	93	4839	0.383	ng	90
9) Naphthalene	10.44	128	19778	0.423	ng	100
10) Hexachlorobutadiene	10.72	225	4136	0.430	ng	# 100
12) 2-Methylnaphthalene	12.07	142	13166	0.407	ng	99
16) Acenaphthylene	13.99	152	23678	0.522	ng	99
17) Acenaphthene	14.33	154	13581	0.454	ng	98
18) Fluorene	15.32	166	16870	0.447	ng	98
20) 4-Bromophenyl-phenylether	16.22	248	5039	0.443	ng	90
21) Hexachlorobenzene	16.34	284	6137	0.427	ng	99
22) Pentachlorophenol	16.72	266	1393	0.617	ng	94
23) Phenanthrene	17.07	178	25074	0.430	ng	100
24) Anthracene	17.16	178	22704	0.448	ng	99
26) Fluoranthene	19.11	202	29878	0.421	ng	100
28) Pyrene	19.47	202	31222	0.480	ng	99
30) Benzo(a)anthracene	21.24	228	28368	0.467	ng	96
31) Chrysene	21.29	228	27657	0.422	ng	96
32) Bis(2-ethylhexyl)phthalate	21.16	149	21504	0.703	ng	100
33) Indeno(1,2,3-cd)pyrene	25.73	276	34671	0.523	ng	99
35) Benzo(b)fluoranthene	22.83	252	29548	0.413	ng	# 94
36) Benzo(k)fluoranthene	22.87	252	29365	0.385	ng	# 94
37) Benzo(a)pyrene	23.40	252	28756	0.430	ng	# 93
38) Dibenzo(a,h)anthracene	25.73	278	27746	0.475	ng	# 94
39) Benzo(g,h,i)perylene	26.42	276	28684	0.492	ng	96

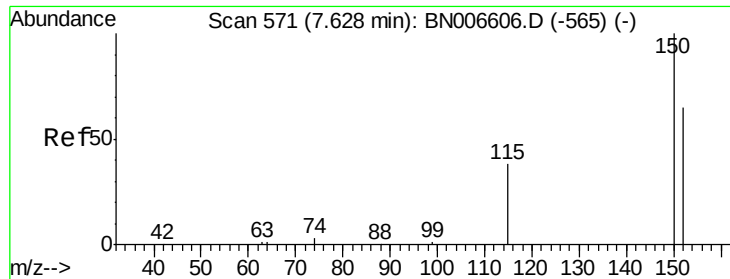
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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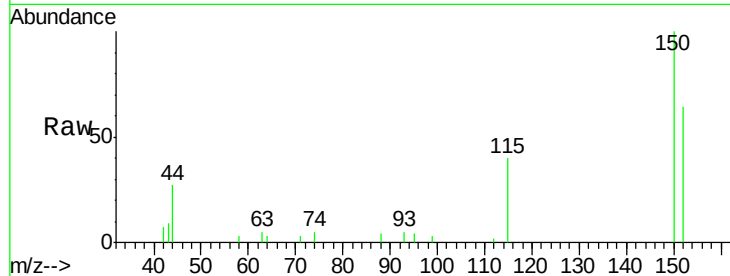


#1

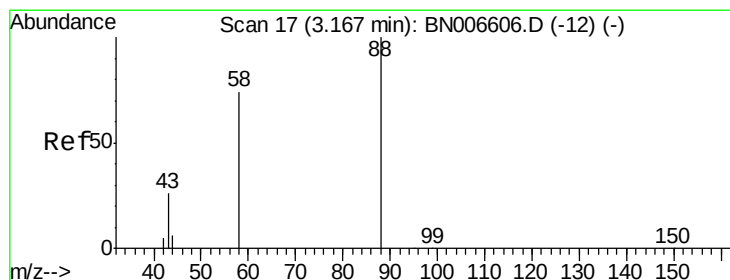
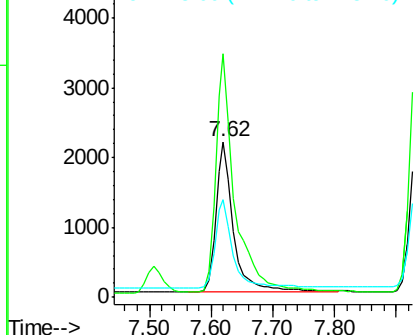
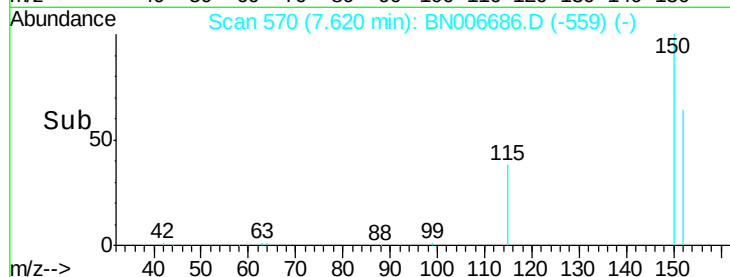
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 4364
Ion Ratio Lower Upper
152 100
150 156.6 122.2 183.2
115 63.2 50.0 75.0



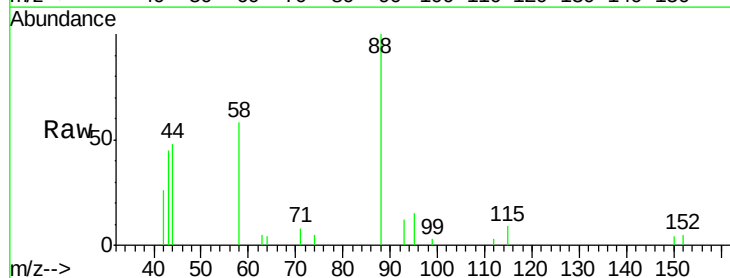
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



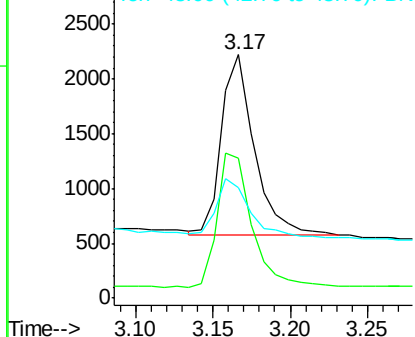
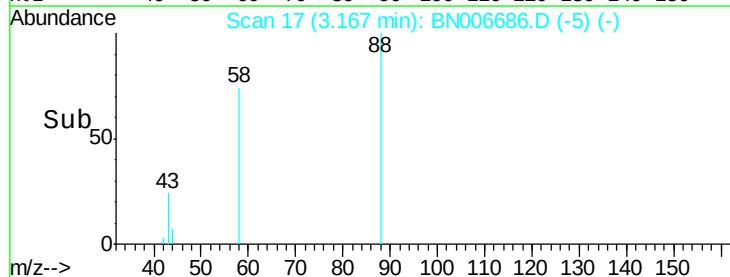
#2

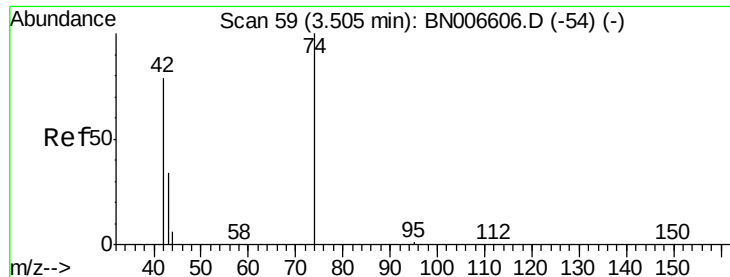
1,4-Dioxane
Concen: 0.400 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion: 88 Resp: 2418
Ion Ratio Lower Upper
88 100
58 78.7 62.5 93.7
43 34.3 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: 0.383 ng

RT: 3.50 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

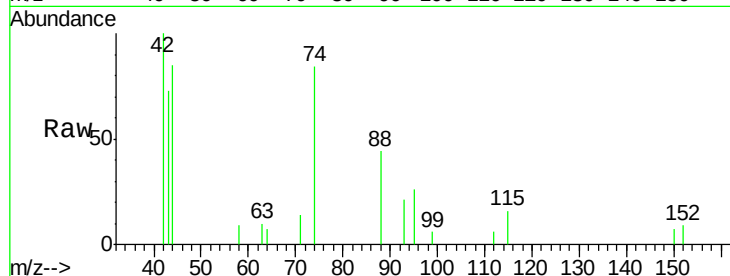
Tot Ion: 42 Resp: 1816

Ion Ratio Lower Upper

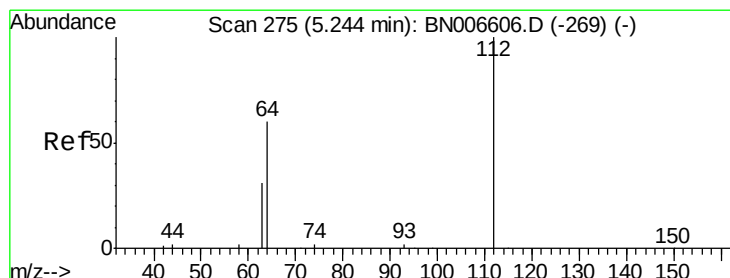
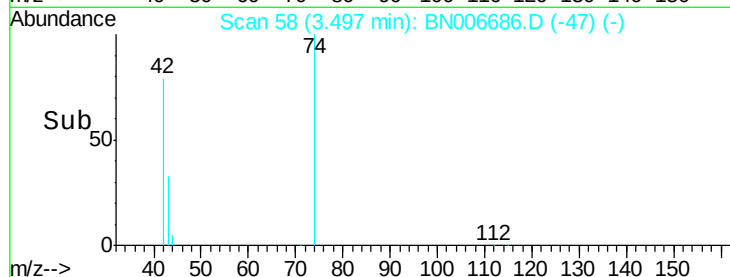
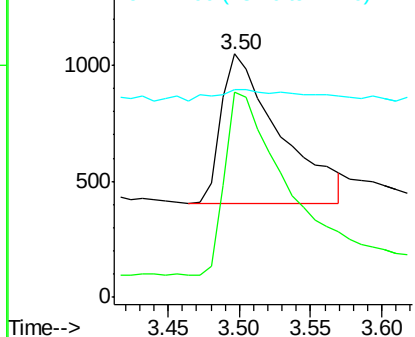
42 100

74 128.6 103.1 154.7

44 11.0 3.4 5.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.452 ng

RT: 5.24 min Scan# 274

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

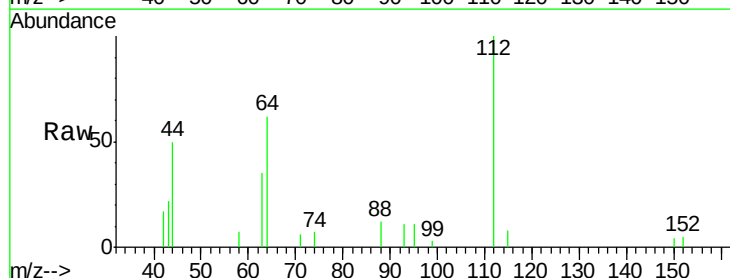
Tgt Ion: 112 Resp: 4842

Ion Ratio Lower Upper

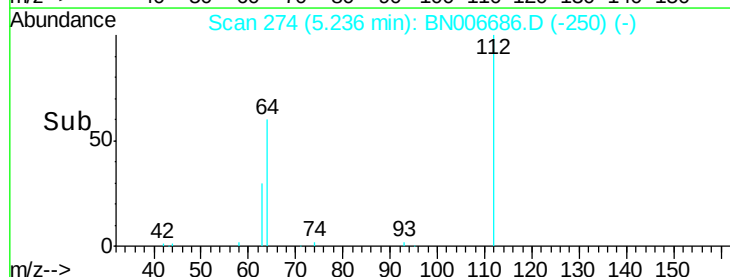
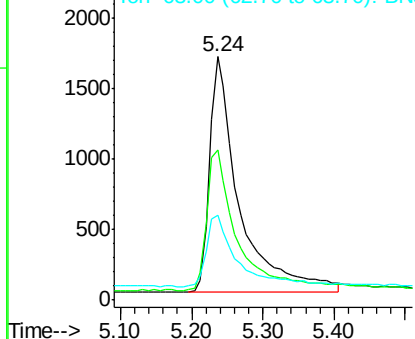
112 100

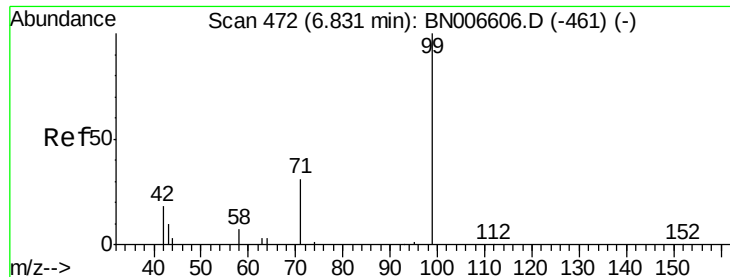
64 60.8 48.9 73.3

63 31.6 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.453 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

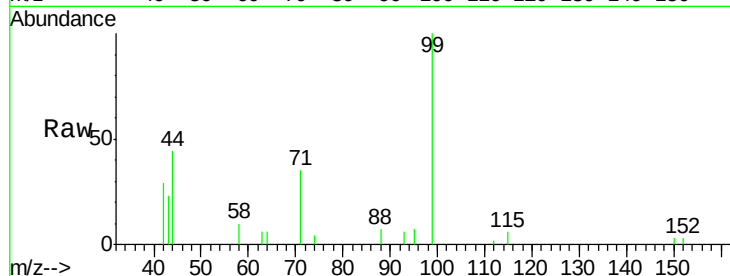
Tot Ion: 99 Resp: 6416

Ion Ratio Lower Upper

99 100

42 19.8 16.4 24.6

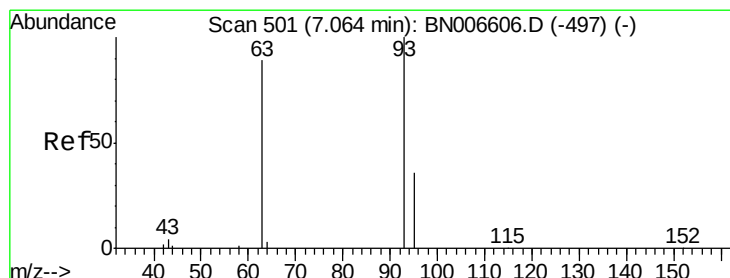
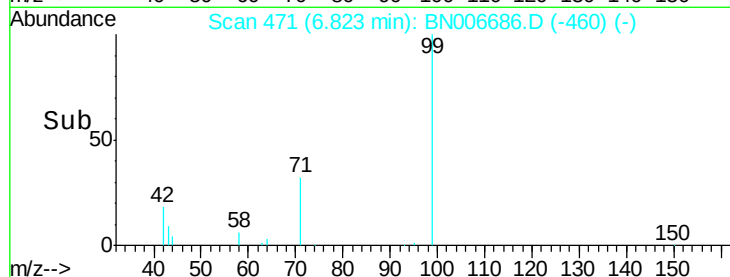
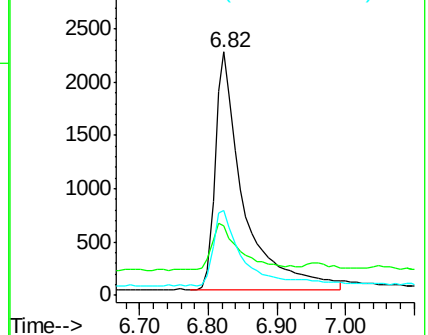
71 33.1 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006686.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006686.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006686.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.383 ng

RT: 7.06 min Scan# 500

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

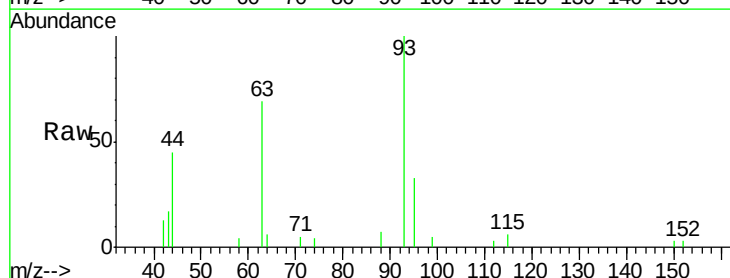
Tgt Ion: 93 Resp: 4839

Ion Ratio Lower Upper

93 100

63 74.5 52.5 78.7

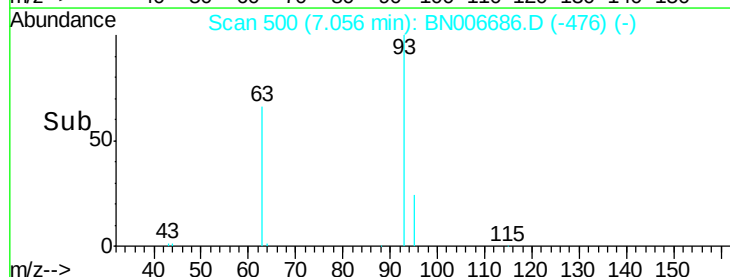
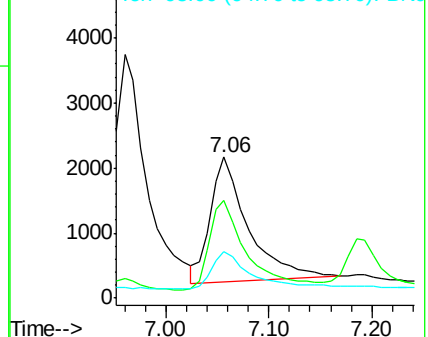
95 34.3 24.2 36.4

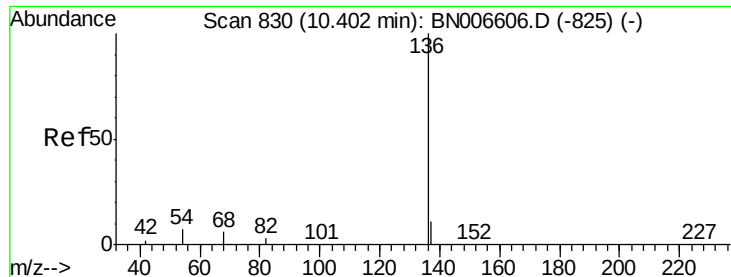


Abundance Ion 93.00 (92.70 to 93.70): BN006686.D (-476) (-)

Ion 63.00 (62.70 to 63.70): BN006686.D (-476) (-)

Ion 95.00 (94.70 to 95.70): BN006686.D (-476) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 17799

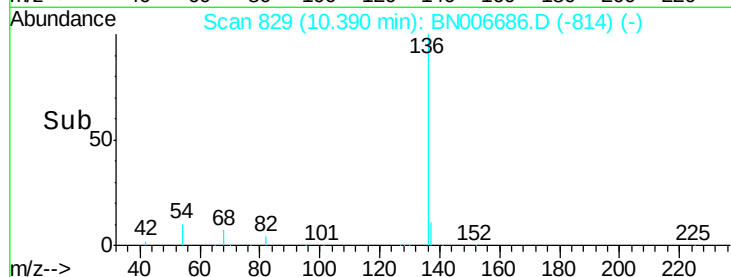
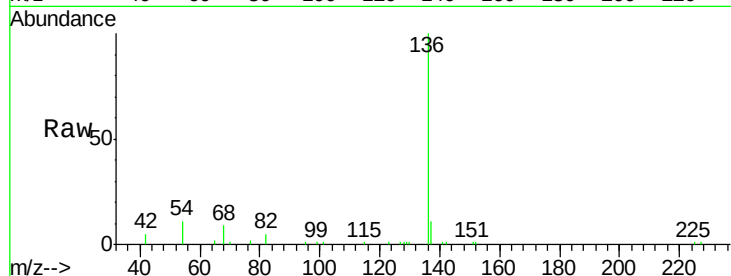
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 10.7 6.7 10.1#

68 8.5 5.3 7.9#

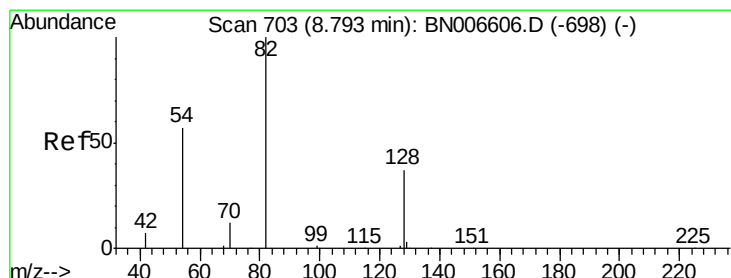
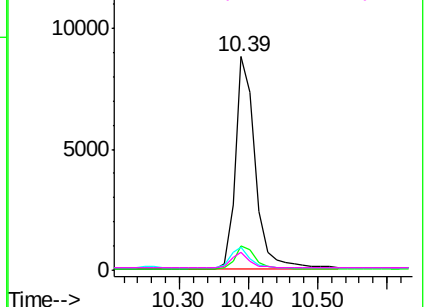


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.437 ng

RT: 8.78 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

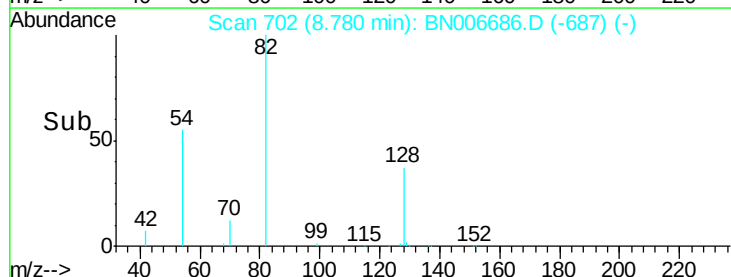
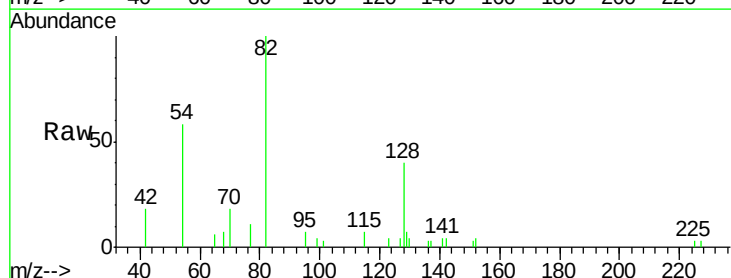
Tgt Ion: 82 Resp: 5225

Ion Ratio Lower Upper

82 100

128 40.4 32.6 49.0

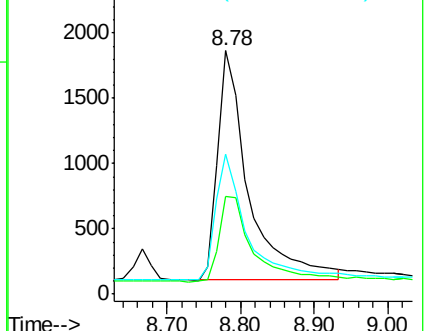
54 57.5 48.2 72.4

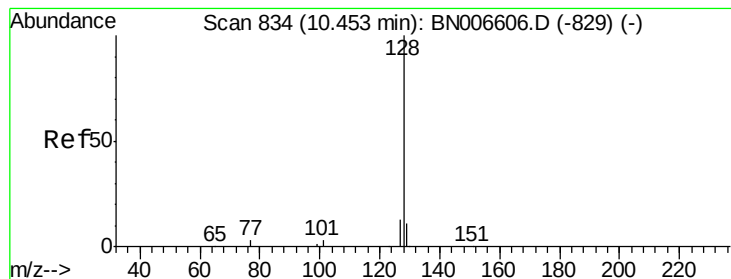


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.423 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

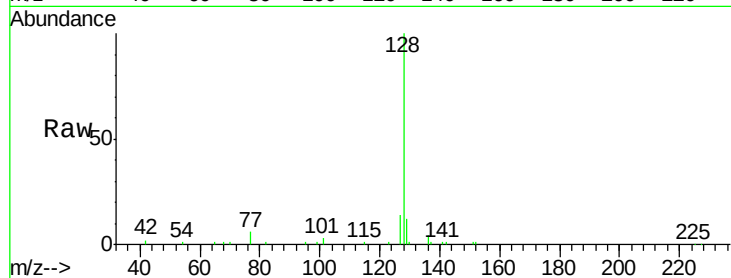
Tot Ion:128 Resp: 19778

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

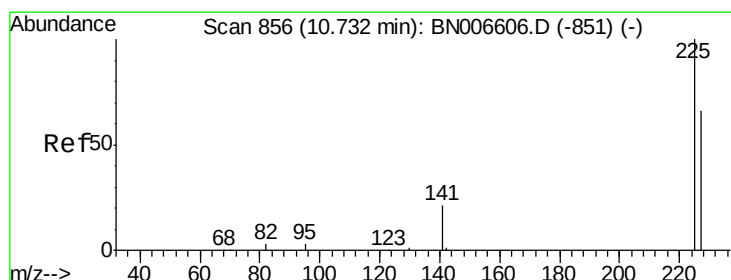
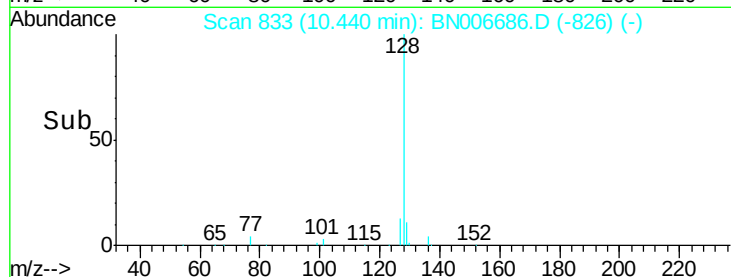
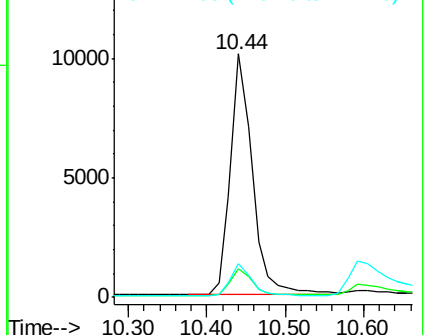
127 13.6 10.8 16.2



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: 0.430 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

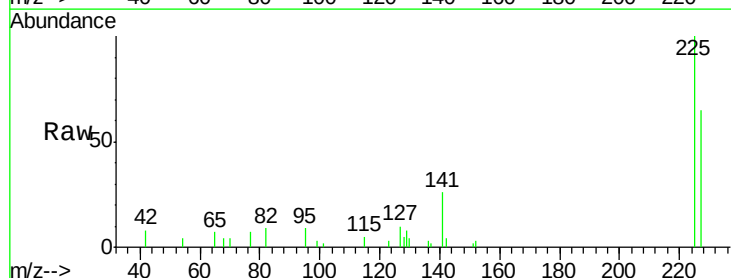
Tgt Ion:225 Resp: 4136

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

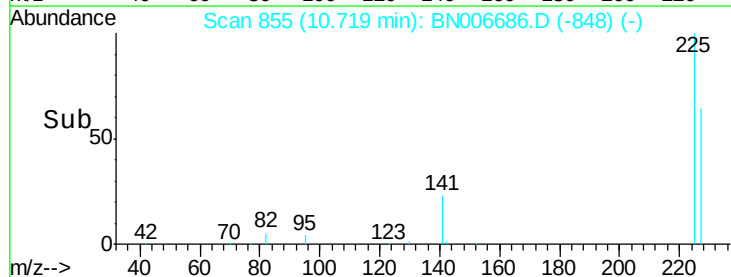
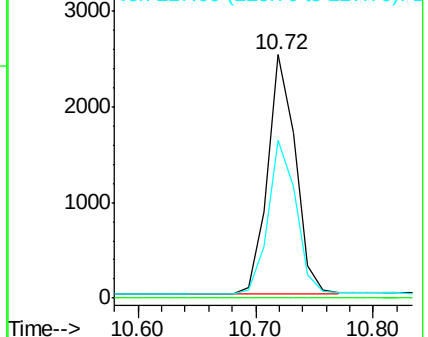
227 64.2 51.4 77.2

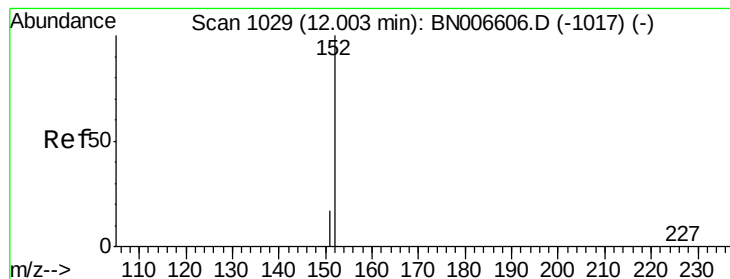


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 11.99 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

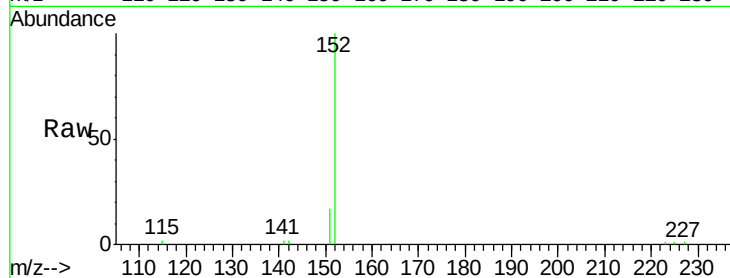
SSTDCCC0.4EC

Tot Ion:152 Resp: 11241

Ion Ratio Lower Upper

152 100

151 18.8 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.99

6000

5000

4000

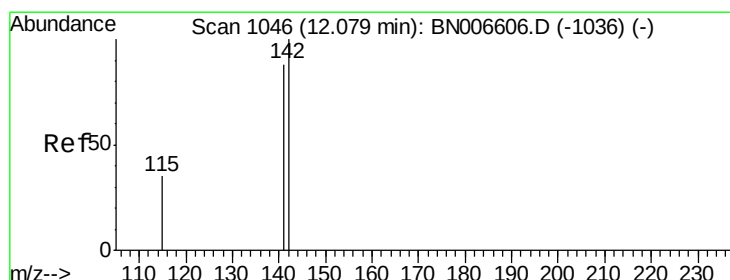
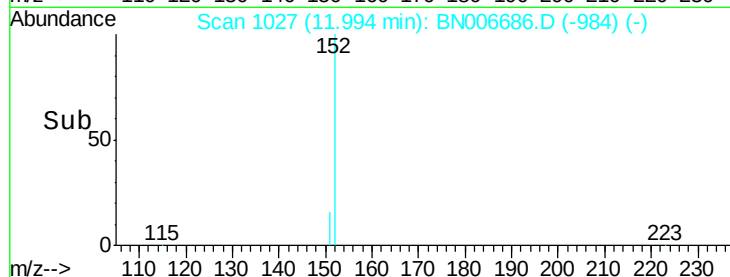
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.407 ng

RT: 12.07 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

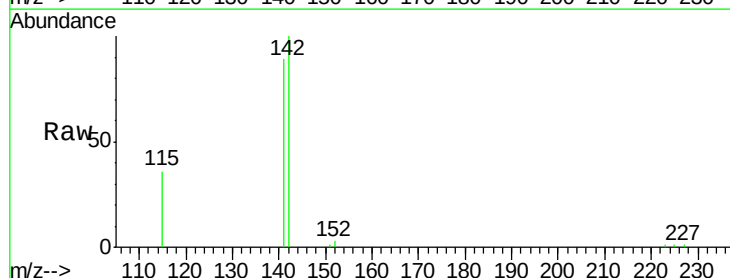
Tgt Ion:142 Resp: 13166

Ion Ratio Lower Upper

142 100

141 88.6 70.2 105.4

115 36.3 28.5 42.7



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

12.07

10000

8000

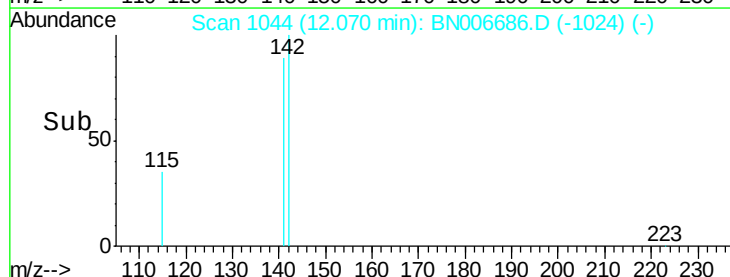
6000

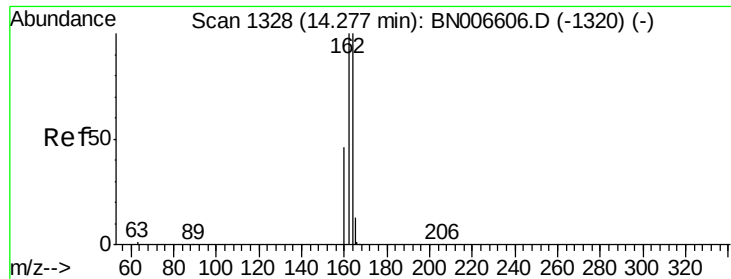
4000

2000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

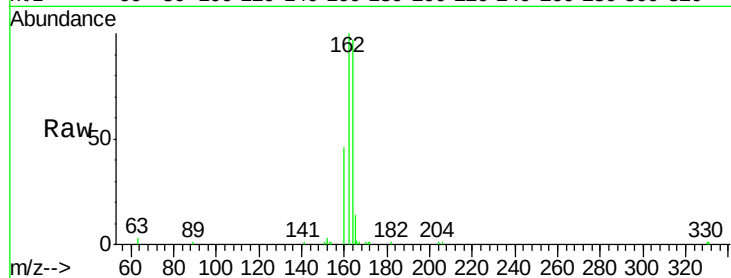
Tot Ion:164 Resp: 9520

Ion Ratio Lower Upper

164 100

162 103.2 80.0 120.0

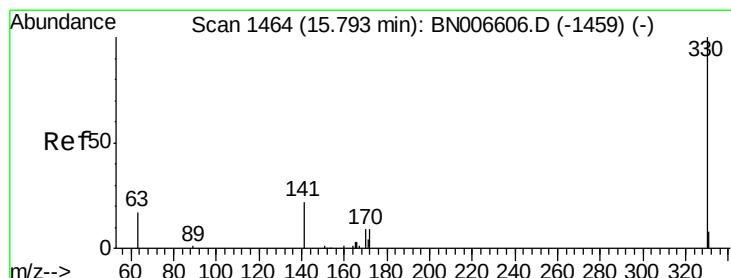
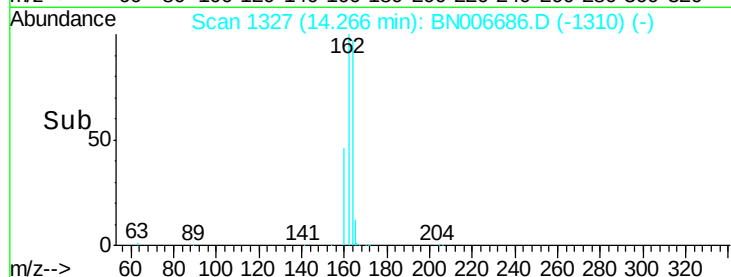
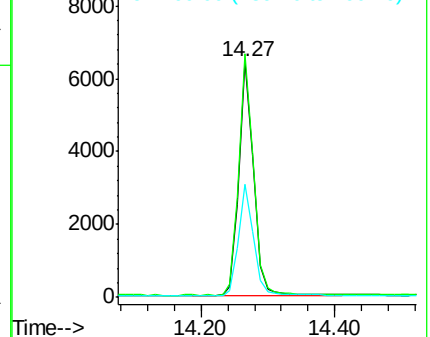
160 47.8 37.0 55.4



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: 0.457 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

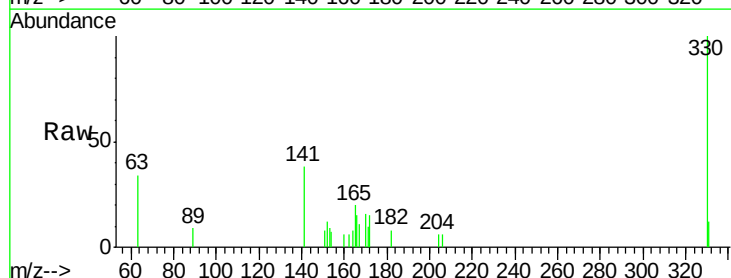
Tgt Ion:330 Resp: 2050

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

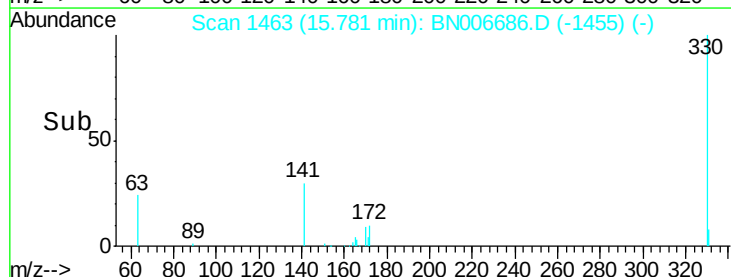
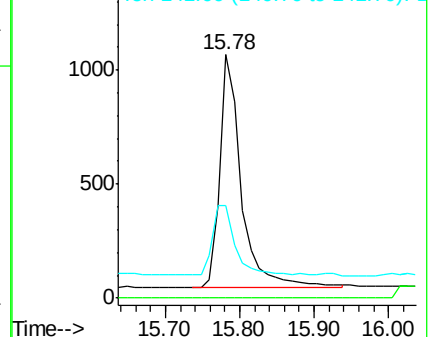
141 32.5 26.5 39.7

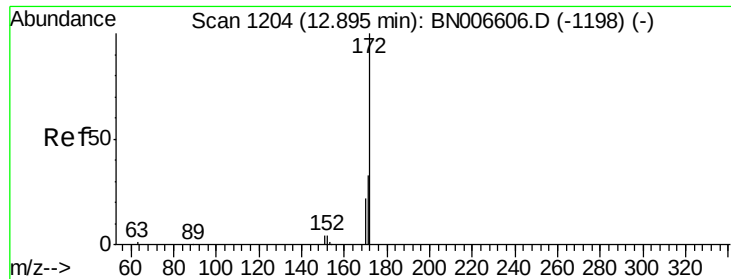


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

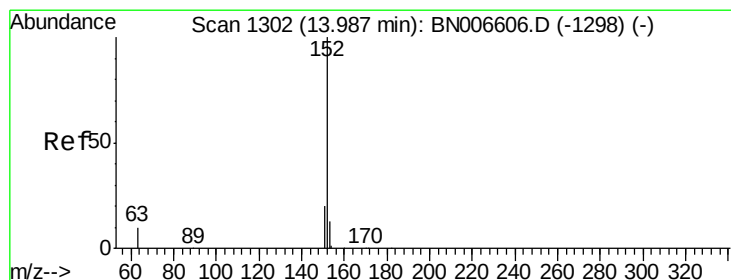
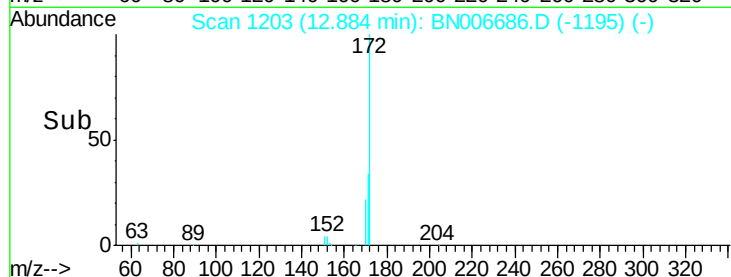
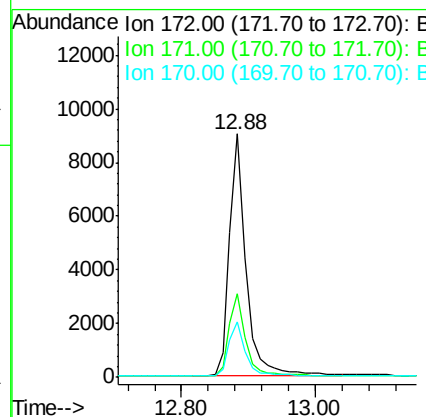
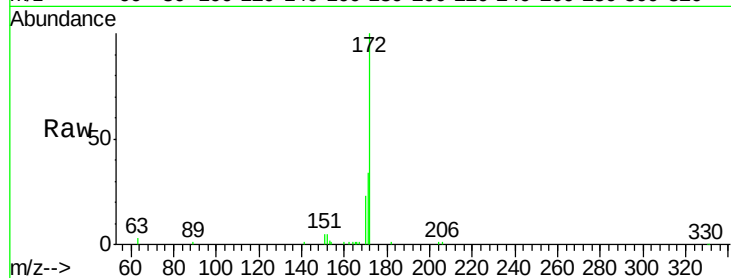




#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

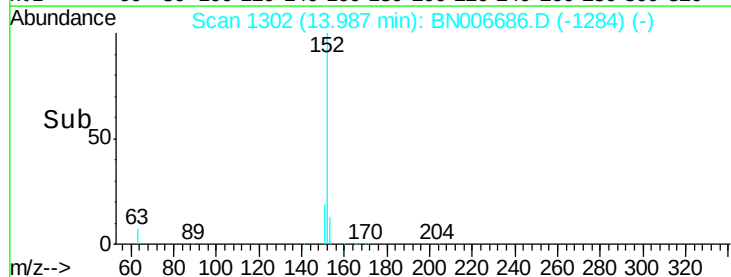
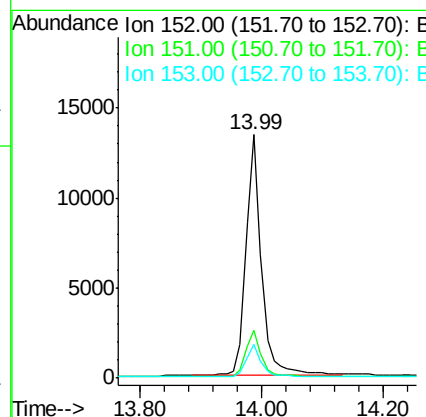
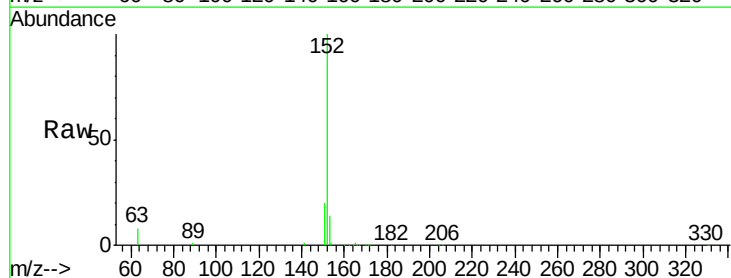
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

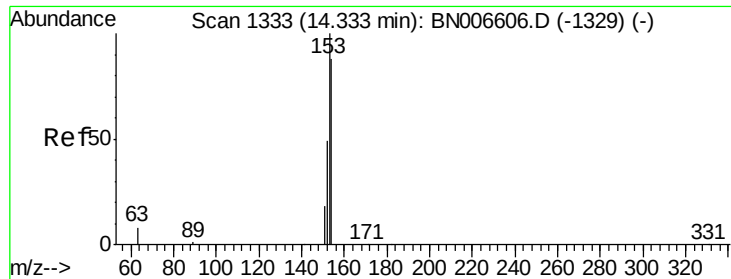
Tot Ion:172 Resp: 15630
Ion Ratio Lower Upper
172 100
171 34.3 27.0 40.4
170 22.6 17.7 26.5



#16
Acenaphthylene
Concen: 0.522 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:152 Resp: 23678
Ion Ratio Lower Upper
152 100
151 20.4 15.6 23.4
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.454 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

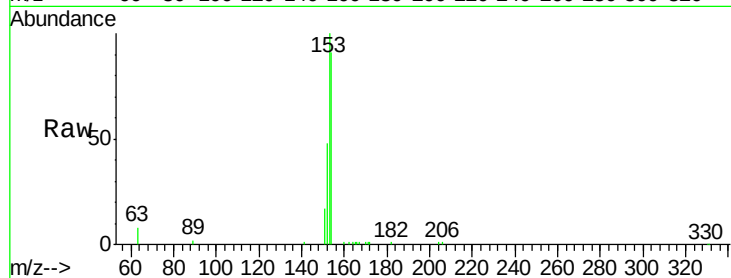
Tot Ion:154 Resp: 13581

Ion Ratio Lower Upper

154 100

153 110.7 90.2 135.4

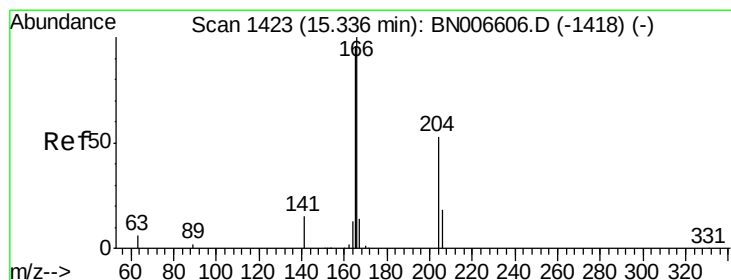
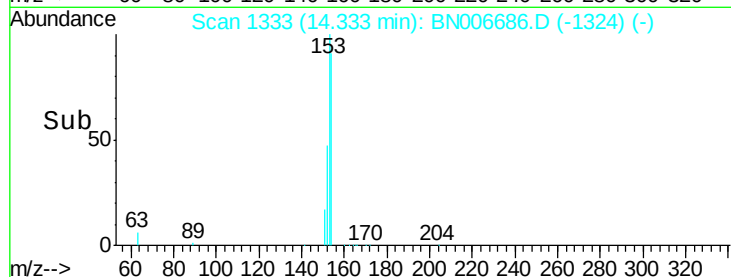
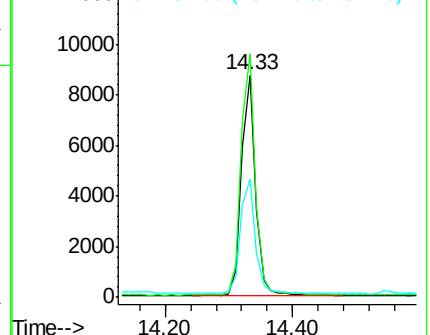
152 54.3 44.2 66.4



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: 0.447 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

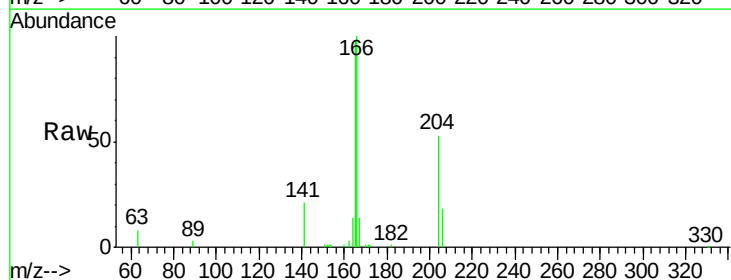
Tgt Ion:166 Resp: 16870

Ion Ratio Lower Upper

166 100

165 100.2 78.4 117.6

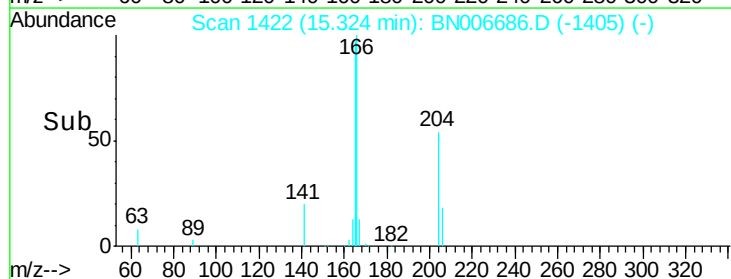
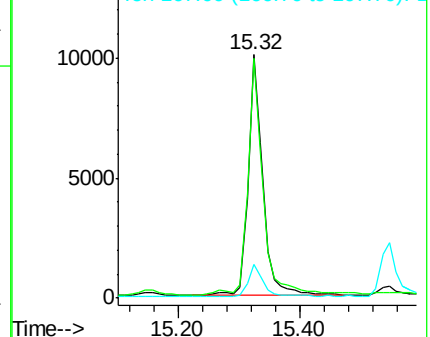
167 13.3 10.8 16.2

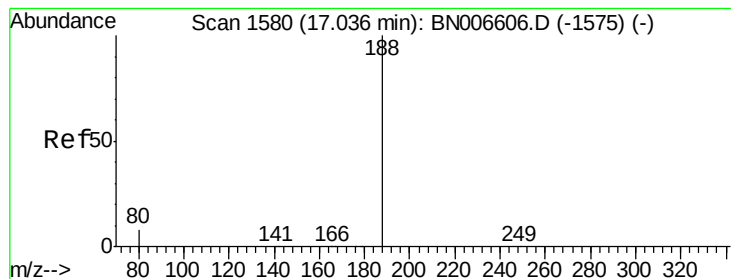


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

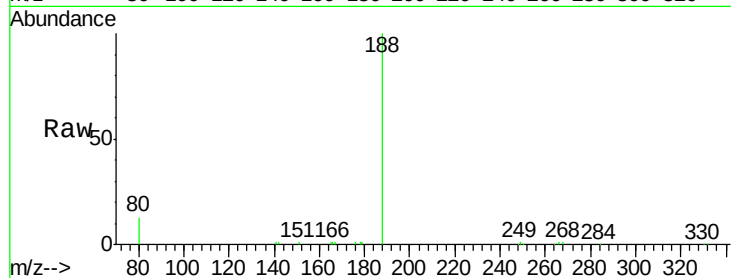
Tot Ion:188 Resp: 20525

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

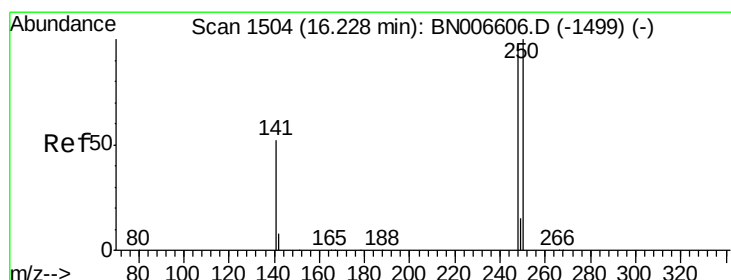
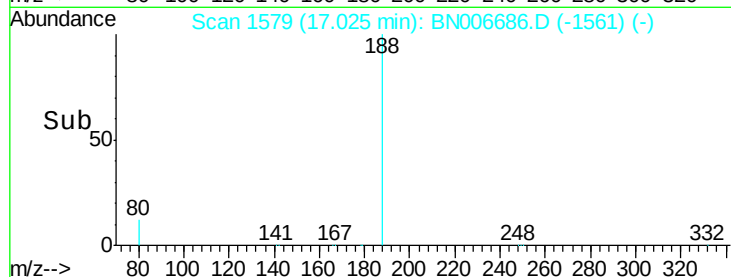
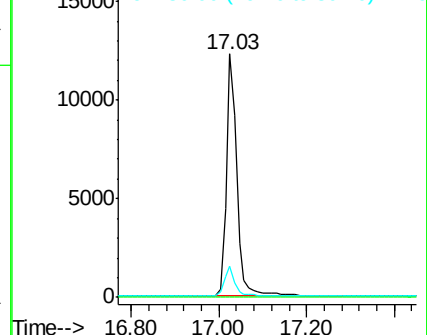
80 12.8 7.1 10.7#



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: 0.443 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

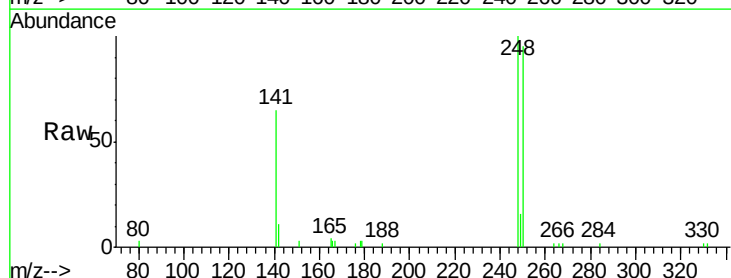
Tgt Ion:248 Resp: 5039

Ion Ratio Lower Upper

248 100

250 95.5 82.2 123.4

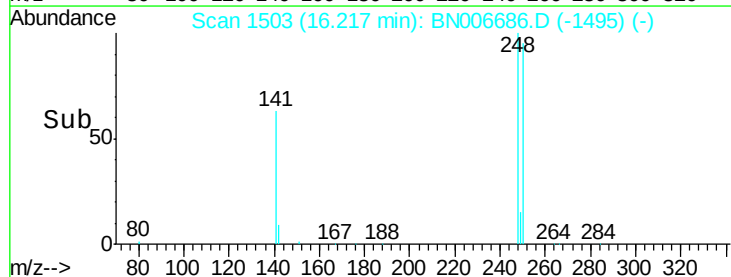
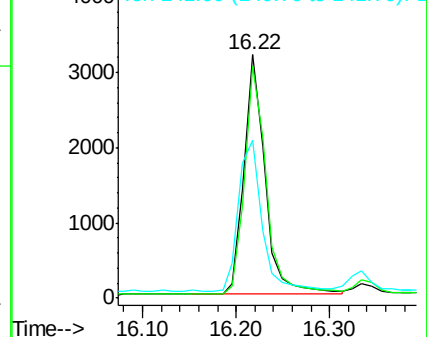
141 64.9 43.8 65.8

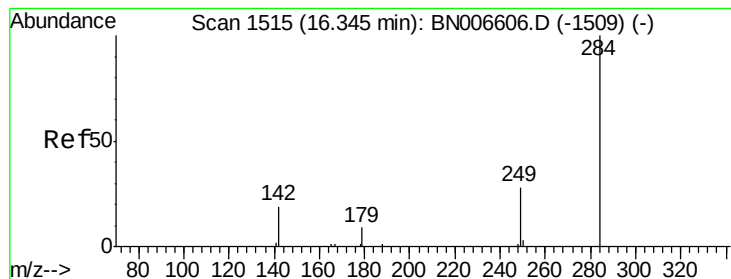


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.427 ng

RT: 16.34 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

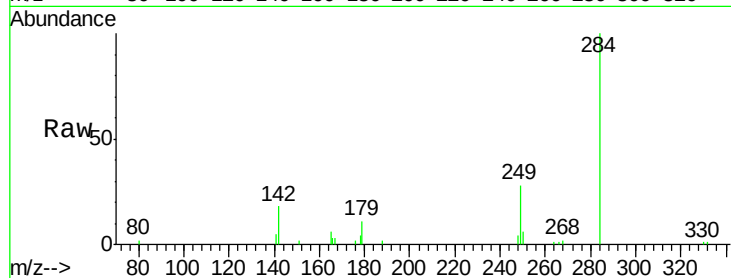
Tot Ion:284 Resp: 6137

Ion Ratio Lower Upper

284 100

142 33.5 27.5 41.3

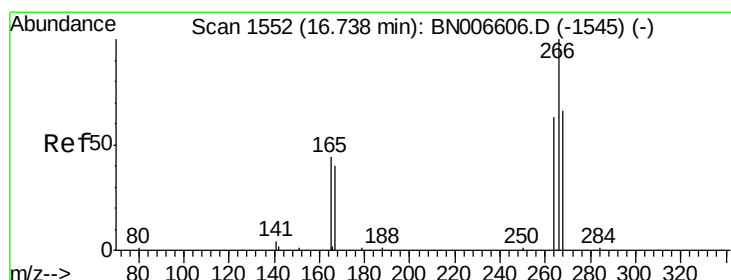
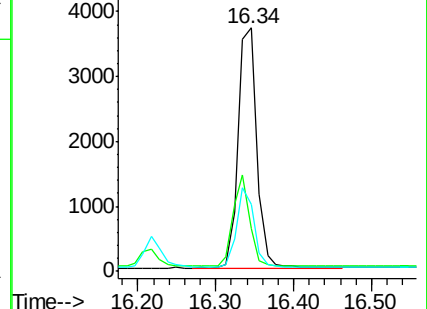
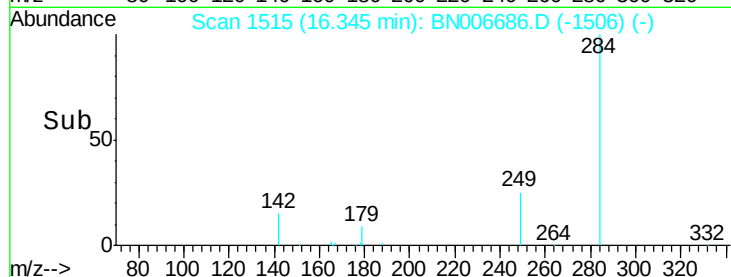
249 31.0 24.7 37.1



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: 0.617 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

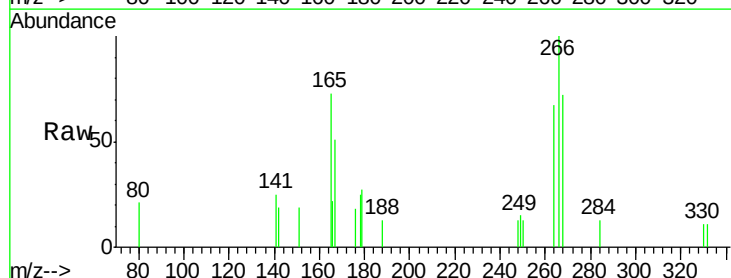
Tgt Ion:266 Resp: 1393

Ion Ratio Lower Upper

266 100

264 66.6 56.2 84.4

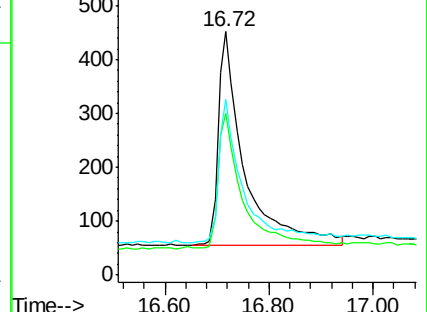
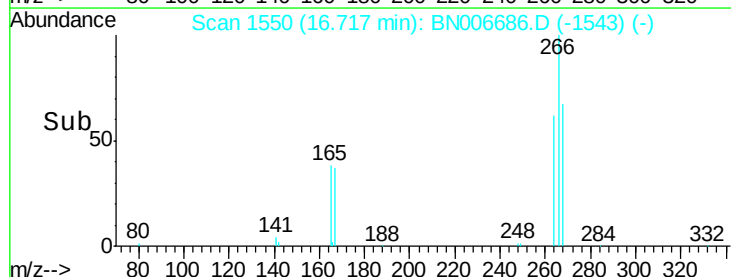
268 72.1 63.0 94.4

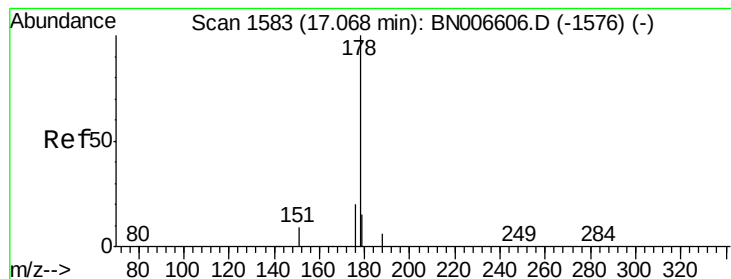


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.430 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

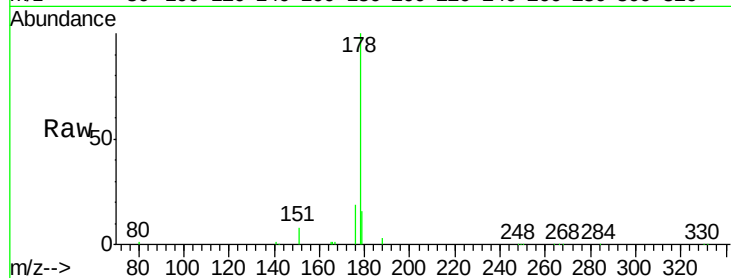
Tot Ion:178 Resp: 25074

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

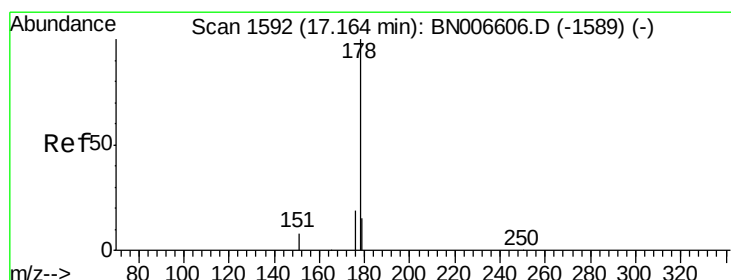
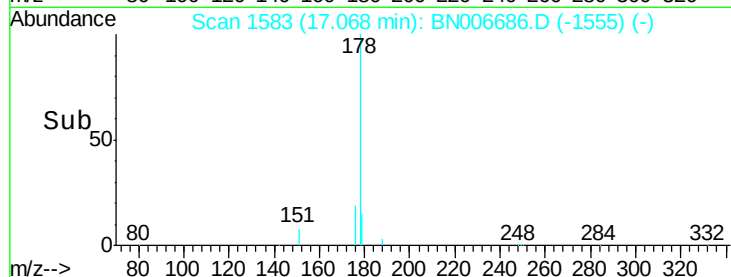
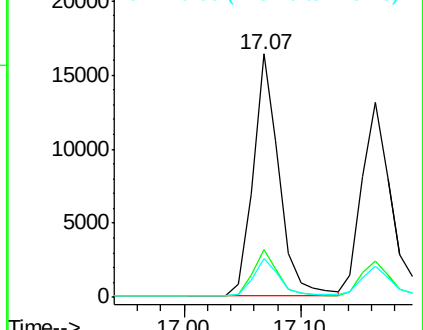
179 15.5 12.2 18.4



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: 0.448 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

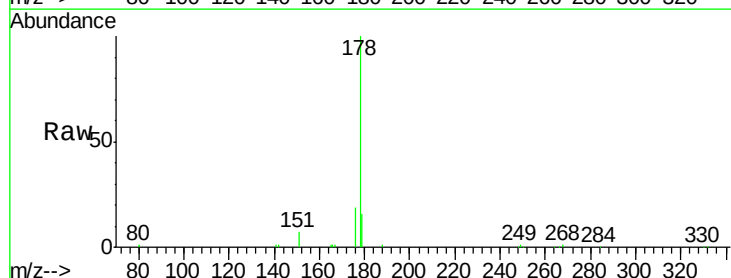
Tgt Ion:178 Resp: 22704

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

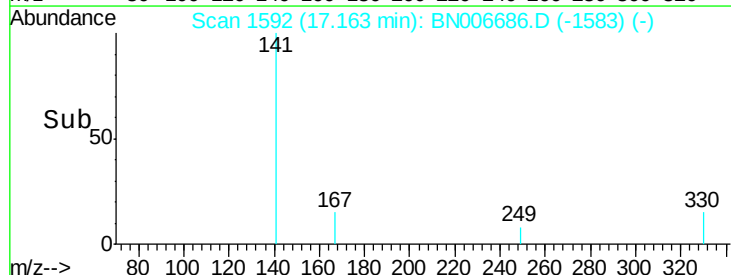
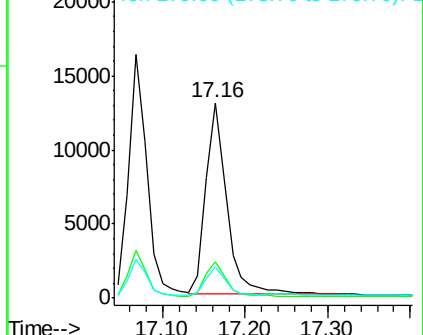
179 14.3 12.2 18.2

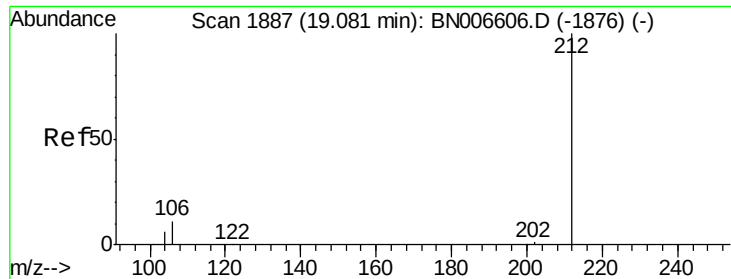


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.421 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

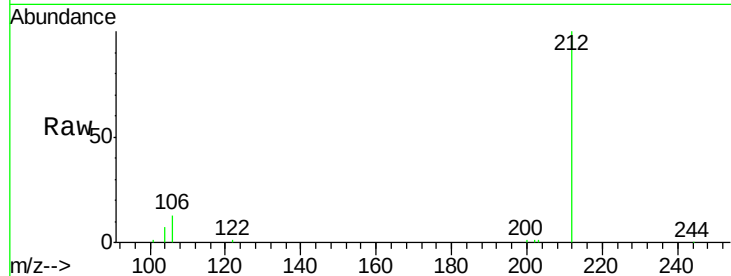
Tot Ion:212 Resp: 25390

Ion Ratio Lower Upper

212 100

106 14.0 10.6 15.8

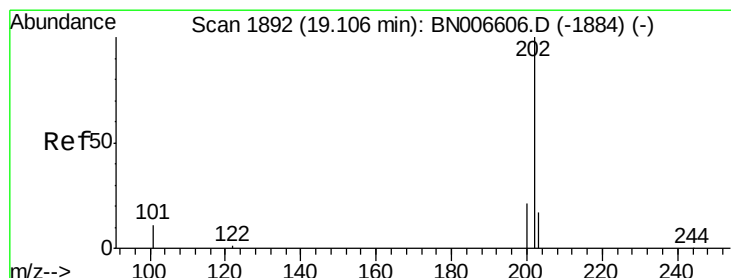
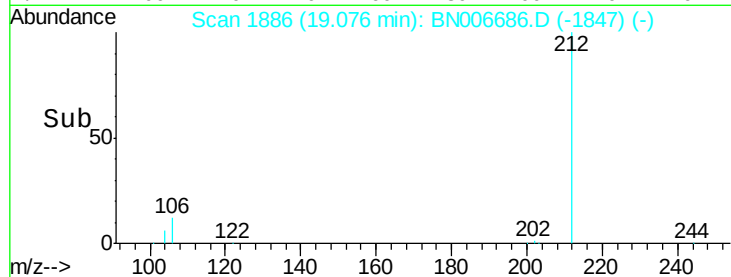
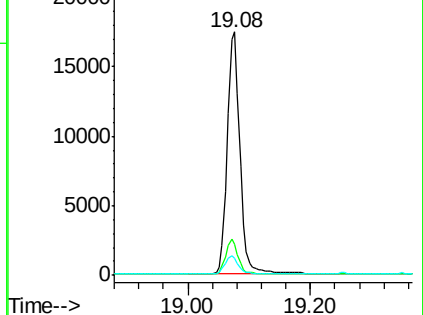
104 7.4 5.8 8.6



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: 0.421 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

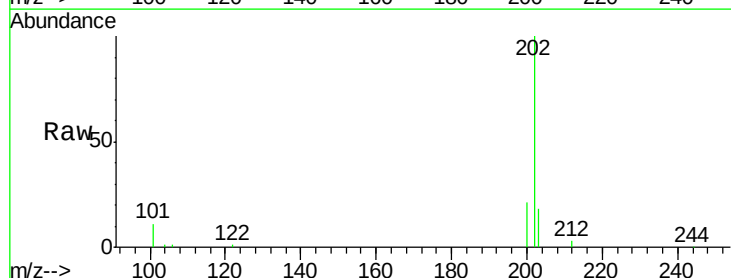
Tgt Ion:202 Resp: 29878

Ion Ratio Lower Upper

202 100

101 11.2 8.9 13.3

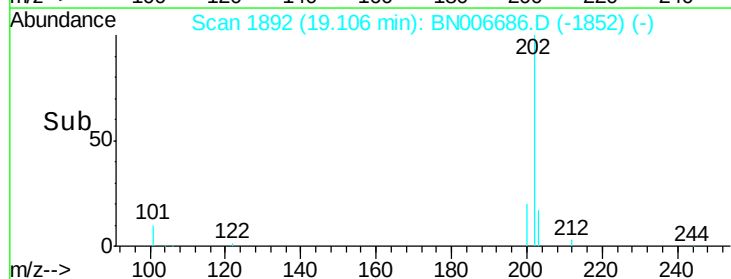
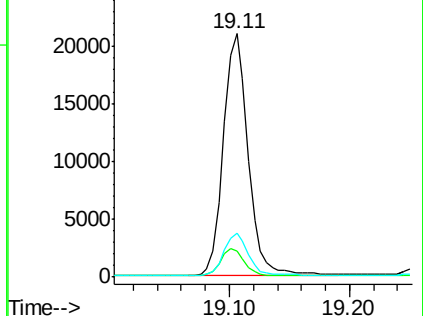
203 17.1 13.6 20.4

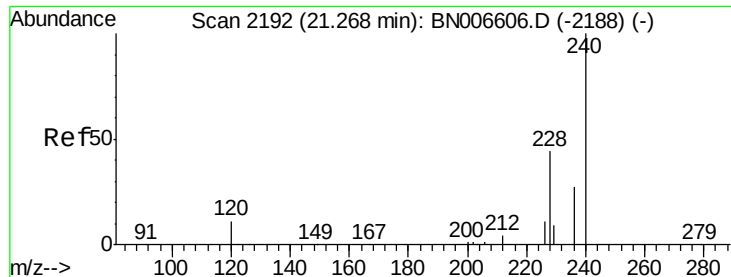


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

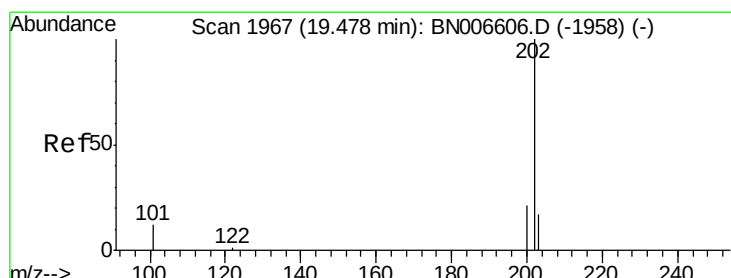
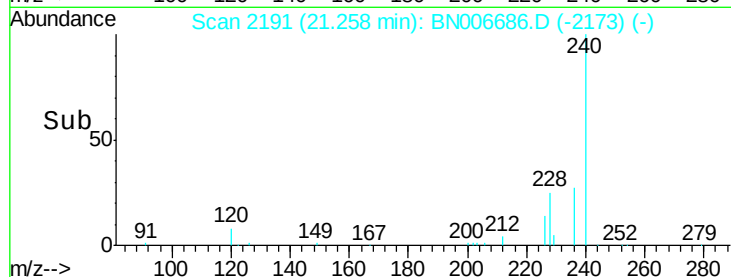
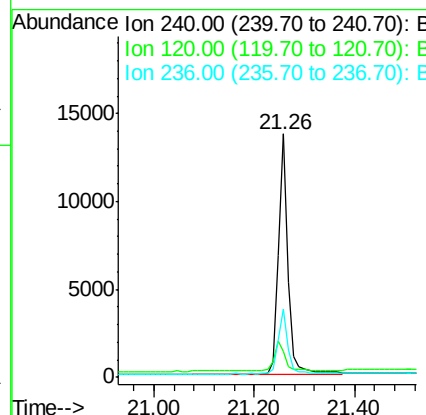
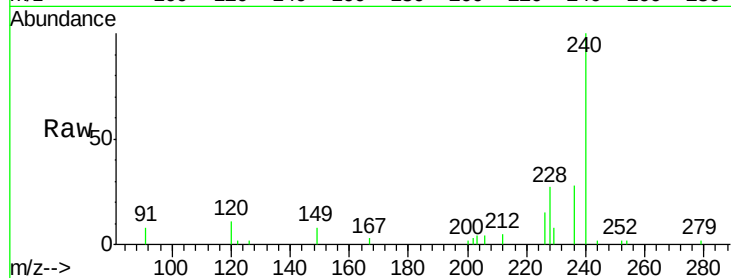




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BN006686.D
 Acq: 02 Jul 2019 07:28

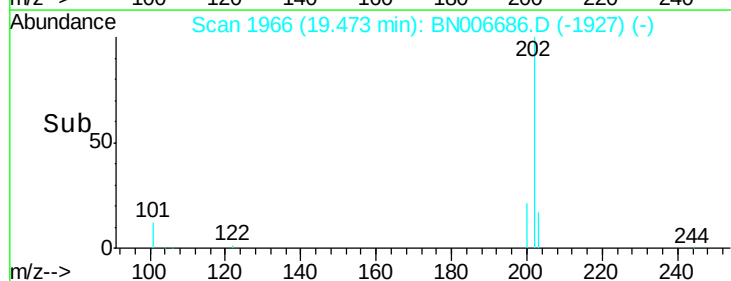
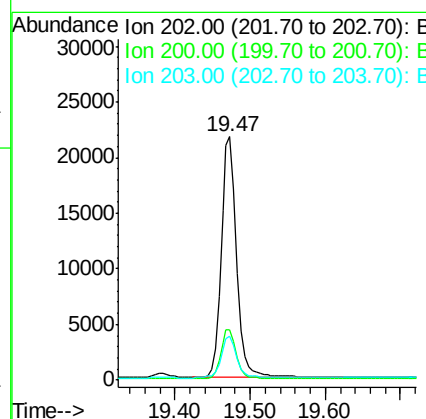
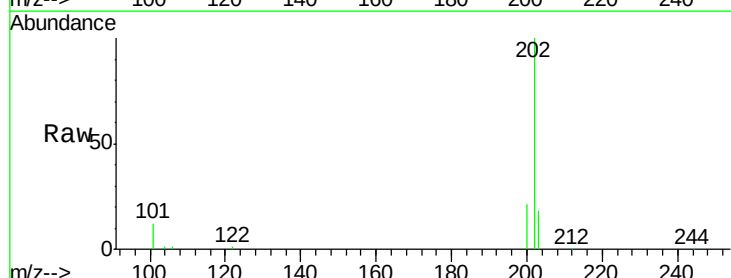
Instrument :
 BNA_N
 ClientSampleId :
 SSTCCCC0.4EC

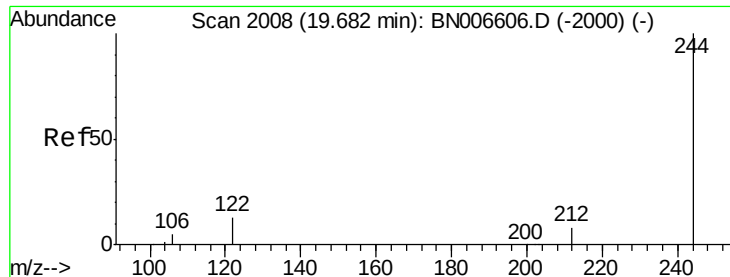
Tot Ion:240 Resp: 18589
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.9 14.9
 236 28.1 22.2 33.4



#28
 Pyrene
 Concen: 0.480 ng
 RT: 19.47 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BN006686.D
 Acq: 02 Jul 2019 07:28

Tgt Ion:202 Resp: 31222
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.7 25.1
 203 18.3 14.1 21.1





#29

Terphenyl-d14

Concen: 0.469 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

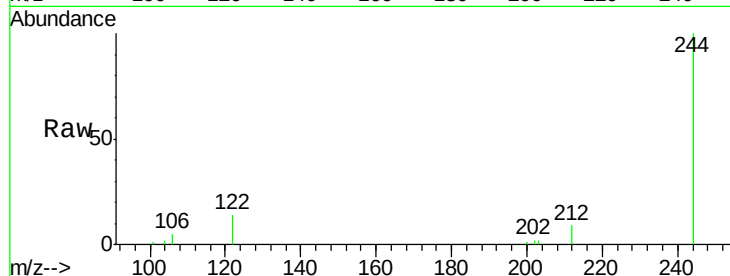
Tot Ion:244 Resp: 18262

Ion Ratio Lower Upper

244 100

212 8.5 6.7 10.1

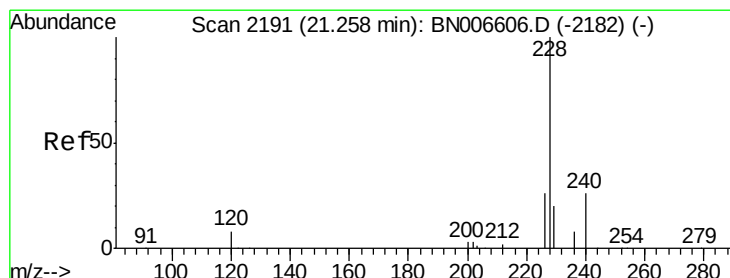
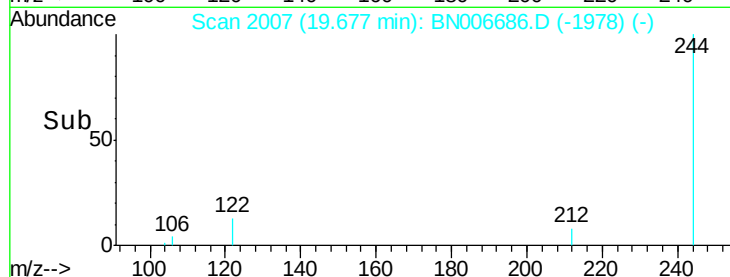
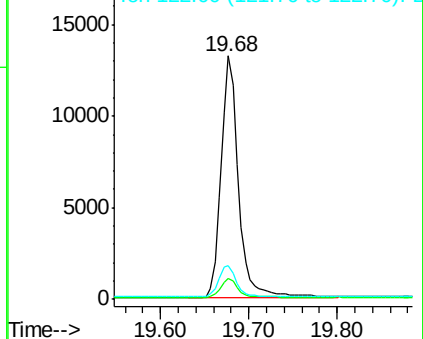
122 13.9 11.0 16.6



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: 0.467 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

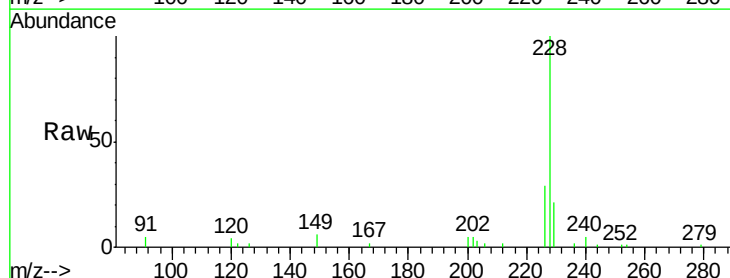
Tgt Ion:228 Resp: 28368

Ion Ratio Lower Upper

228 100

226 29.2 21.2 31.8

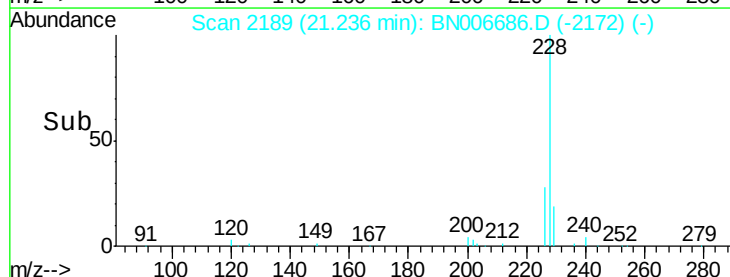
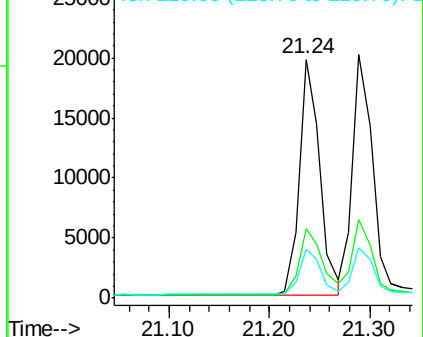
229 20.7 16.1 24.1

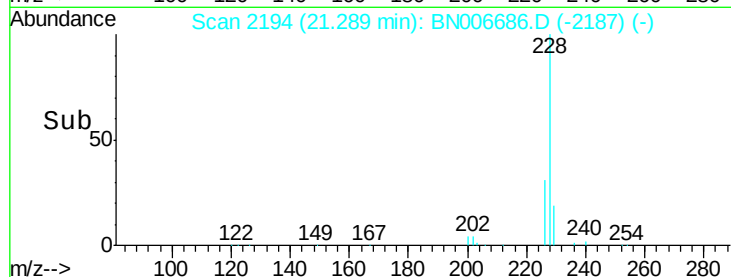
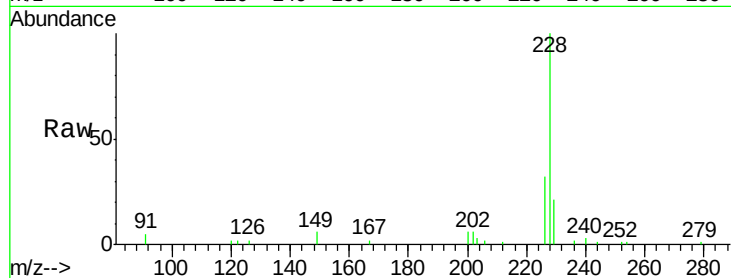
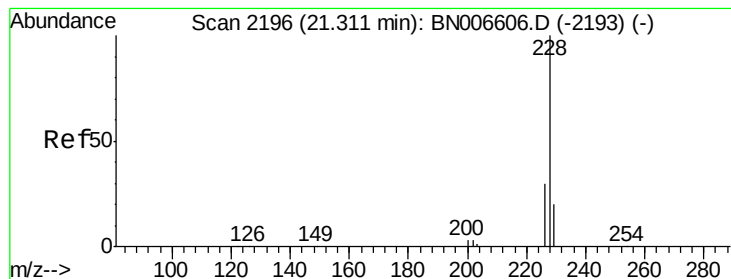


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.422 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

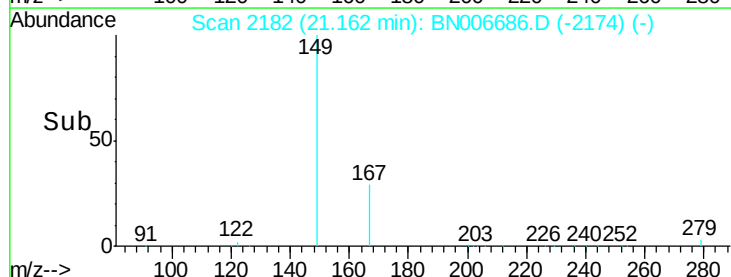
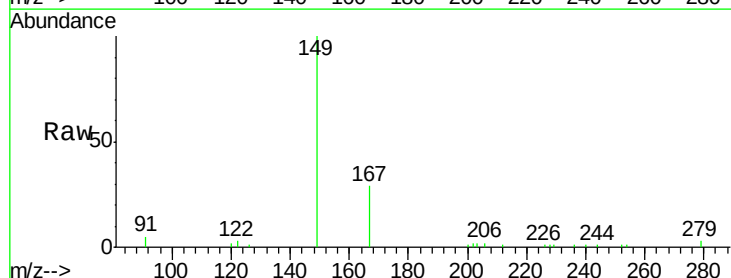
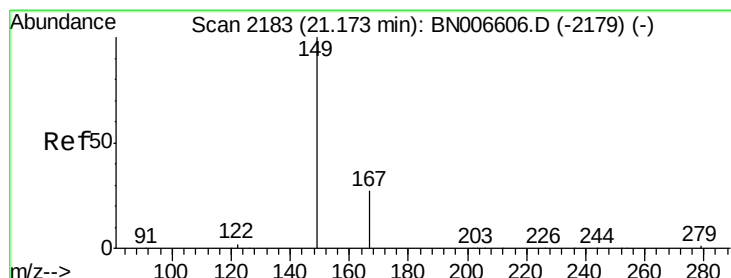
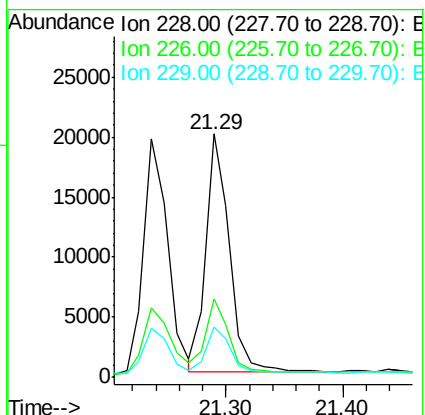
Tot Ion:228 Resp: 27657

Ion Ratio Lower Upper

228 100

226 32.3 23.8 35.6

229 20.8 15.9 23.9



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.703 ng

RT: 21.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

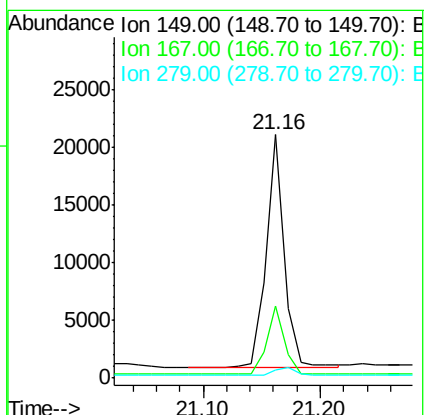
Tgt Ion:149 Resp: 21504

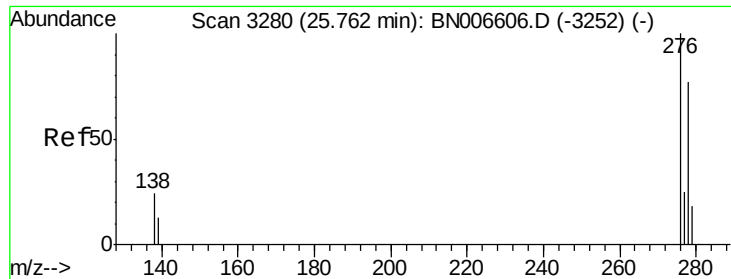
Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

279 4.1 3.3 4.9

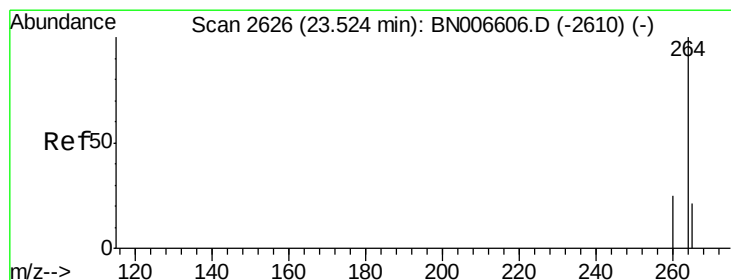
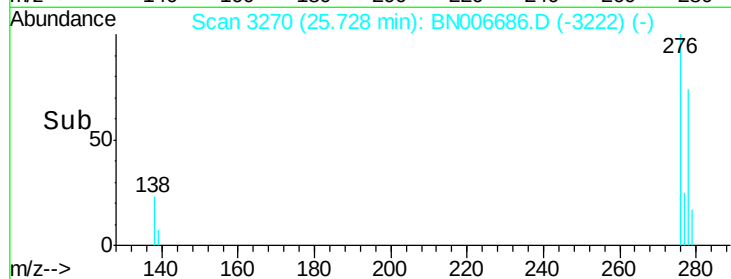
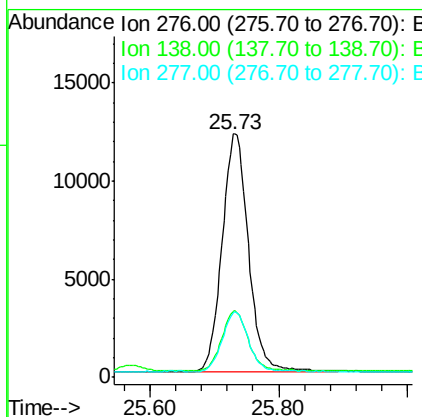
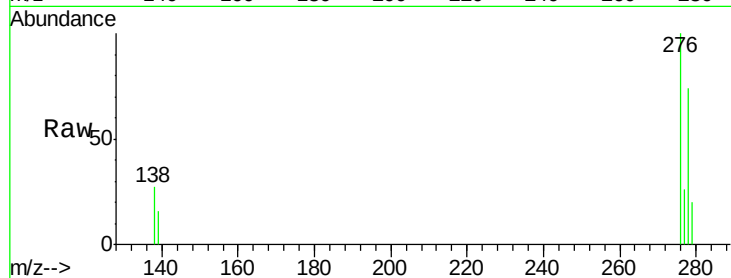




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.523 ng
 RT: 25.73 min Scan# 3270
 Delta R.T. -0.03 min
 Lab File: BN006686.D
 Acq: 02 Jul 2019 07:28

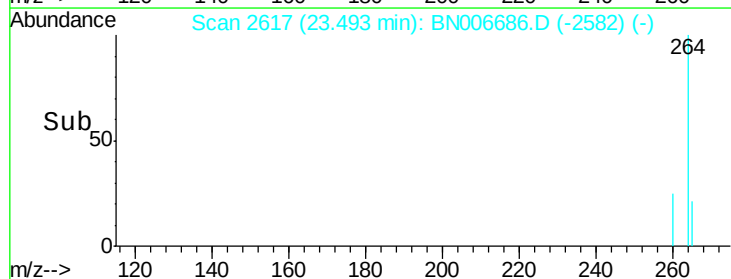
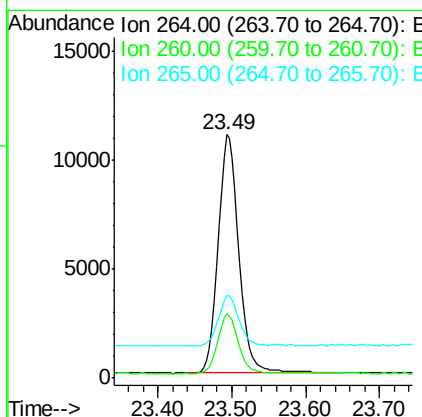
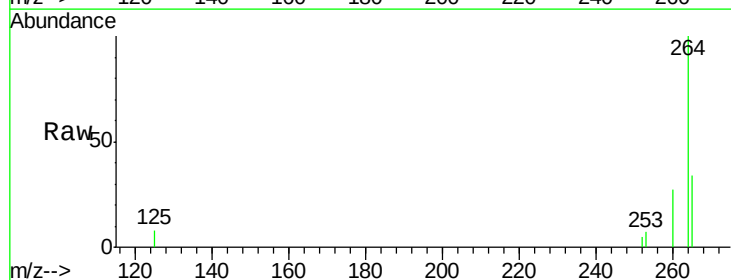
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

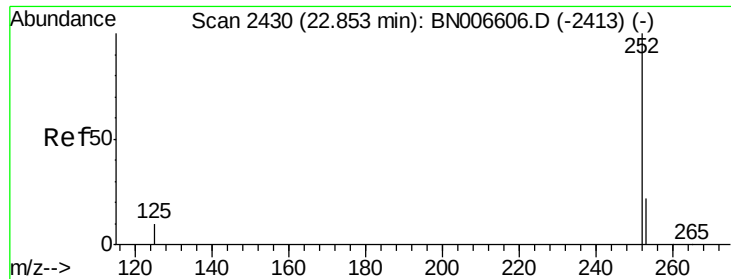
Tot Ion:276 Resp: 34671
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.3 28.9
 277 24.3 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2617
 Delta R.T. -0.03 min
 Lab File: BN006686.D
 Acq: 02 Jul 2019 07:28

Tgt Ion:264 Resp: 21039
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.2 30.2
 265 33.9 23.3 34.9

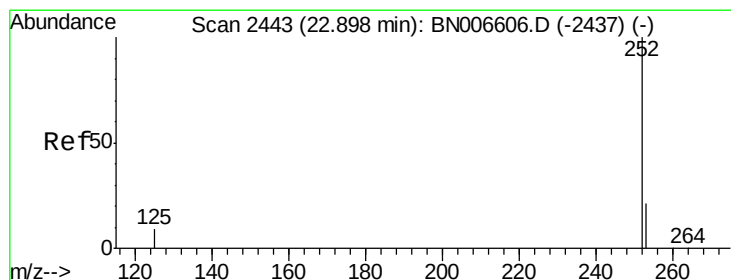
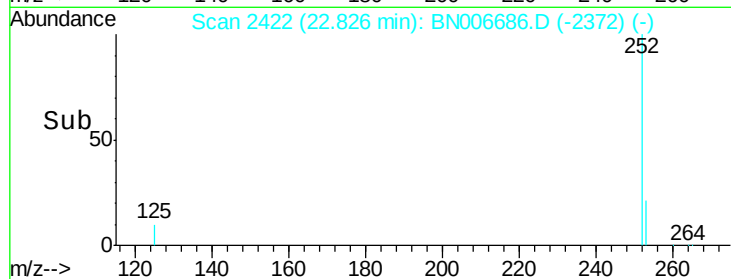
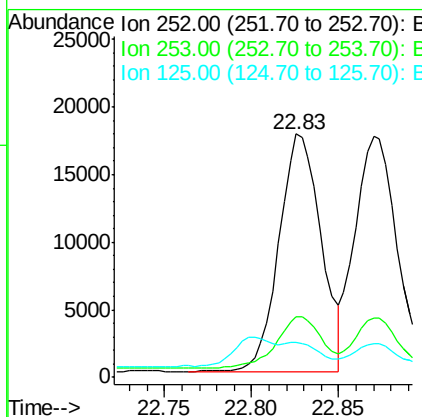
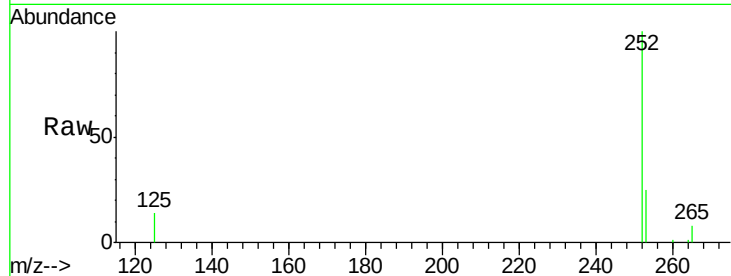




#35
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 22.83 min Scan# 2422
Delta R.T. -0.03 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

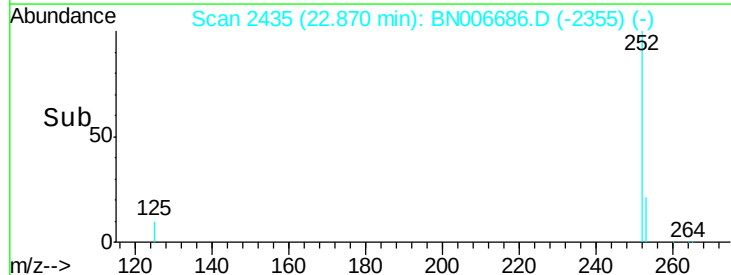
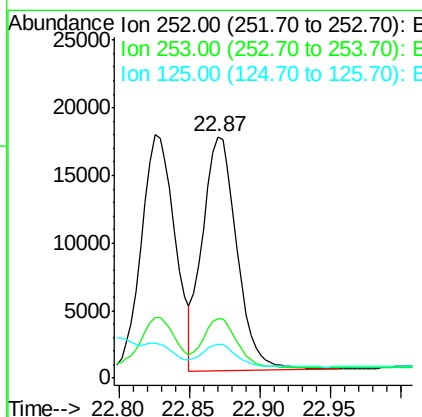
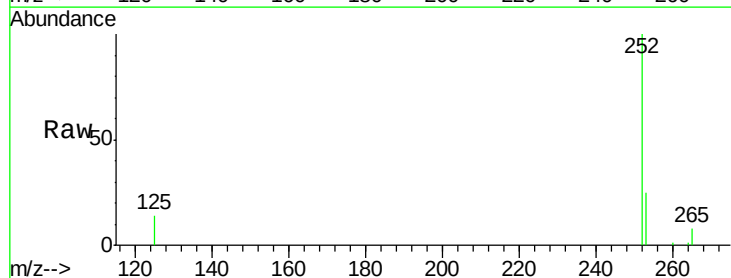
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

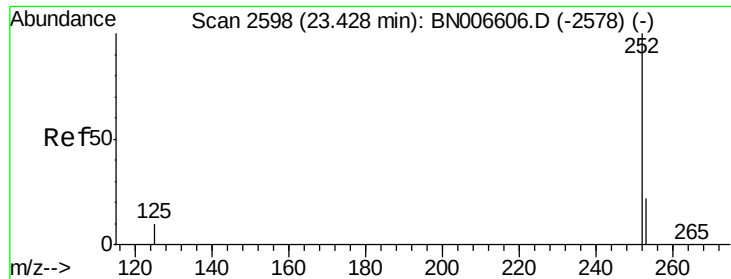
Tot Ion:252 Resp: 29548
Ion Ratio Lower Upper
252 100
253 24.9 18.4 27.6
125 14.5 8.7 13.1#



#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 22.87 min Scan# 2435
Delta R.T. -0.03 min
Lab File: BN006686.D
Acq: 02 Jul 2019 07:28

Tgt Ion:252 Resp: 29365
Ion Ratio Lower Upper
252 100
253 24.8 18.3 27.5
125 14.0 8.4 12.6#





#37

Benzo(a)pyrene

Concen: 0.430 ng

RT: 23.40 min Scan# 2590

Delta R.T. -0.03 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

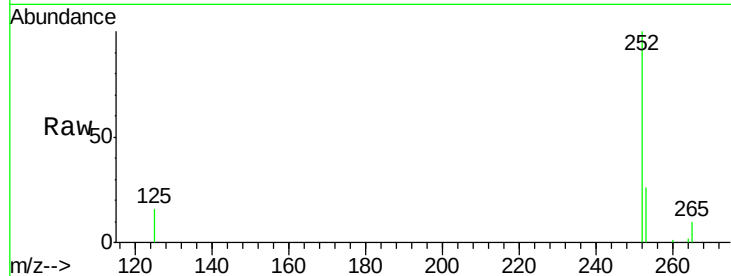
Tot Ion:252 Resp: 28756

Ion Ratio Lower Upper

252 100

253 25.9 18.8 28.2

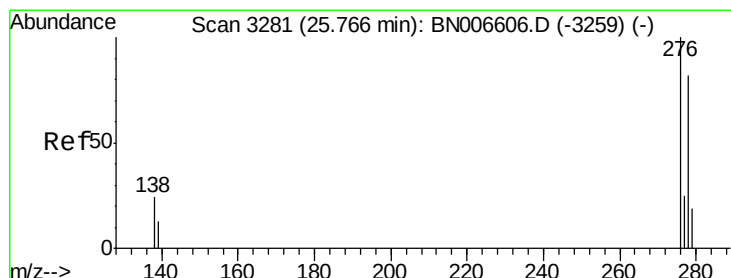
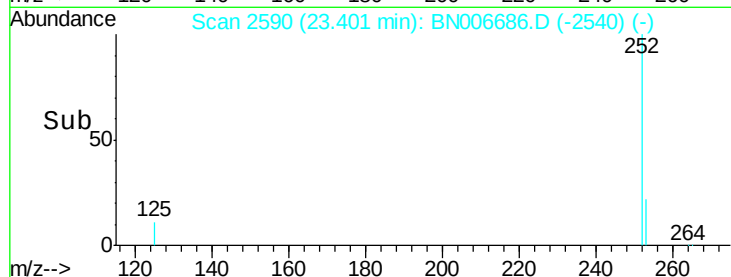
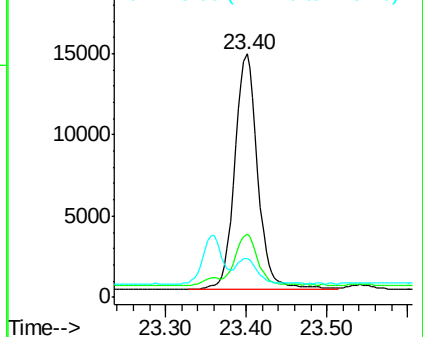
125 16.1 9.4 14.2#



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: 0.475 ng

RT: 25.73 min Scan# 3272

Delta R.T. -0.03 min

Lab File: BN006686.D

Acq: 02 Jul 2019 07:28

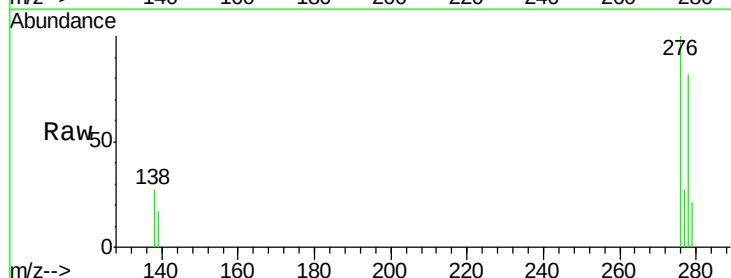
Tgt Ion:278 Resp: 27746

Ion Ratio Lower Upper

278 100

139 20.7 13.5 20.3#

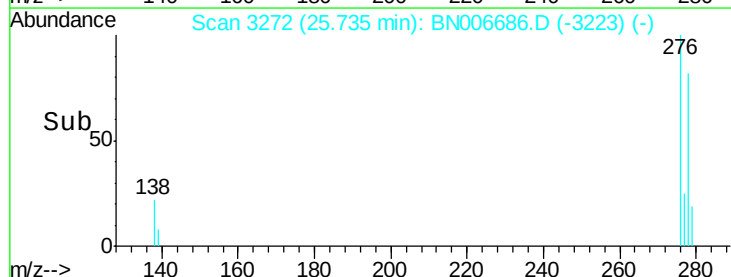
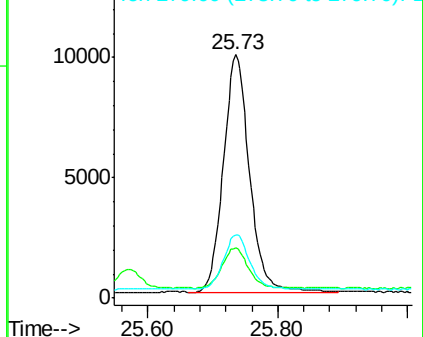
279 26.1 19.4 29.2

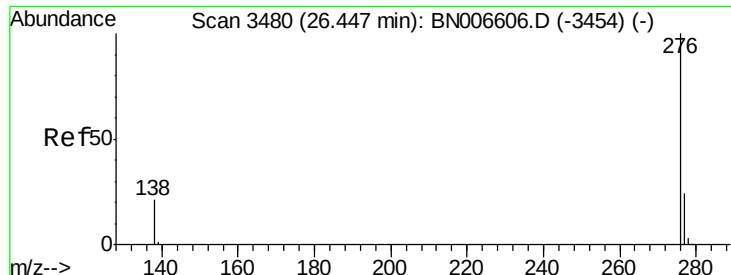


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.492 ng

RT: 26.42 min Scan# 3472

Delta R.T. -0.03 min

Lab File: BN006686.D

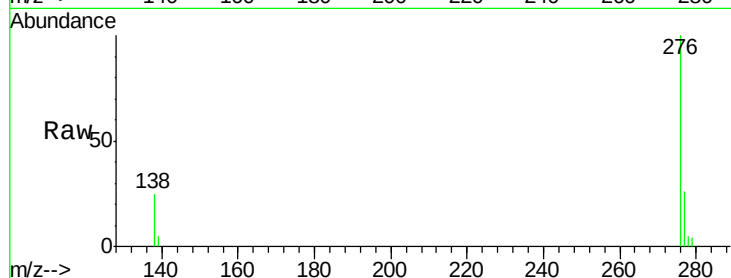
Acq: 02 Jul 2019 07:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



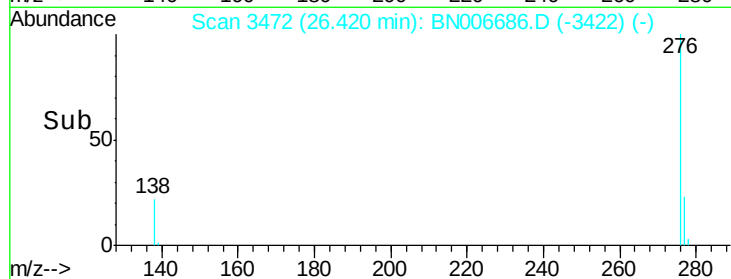
Tot Ion:276 Resp: 28684

Ion Ratio Lower Upper

276 100

277 25.8 19.6 29.4

138 25.0 17.7 26.5



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

