

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010819.D
 Acq On : 10 Jun 2020 15:20
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN061020

Quant Time: Jun 10 16:06:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2218	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	7364	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	3857	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	8047	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	6875	0.40	ng	0.00
34) Perylene-d12	23.29	264	6684	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	1851	0.43	ng	0.00
5) Phenol-d6	6.74	99	2100	0.42	ng	0.00
8) Nitrobenzene-d5	8.69	82	2227	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	4744	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	538	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	6608	0.43	ng	0.00
25) Fluoranthene-d10	18.96	212	8954	0.40	ng	0.00
29) Terphenyl-d14	19.58	244	6977	0.43	ng	0.00

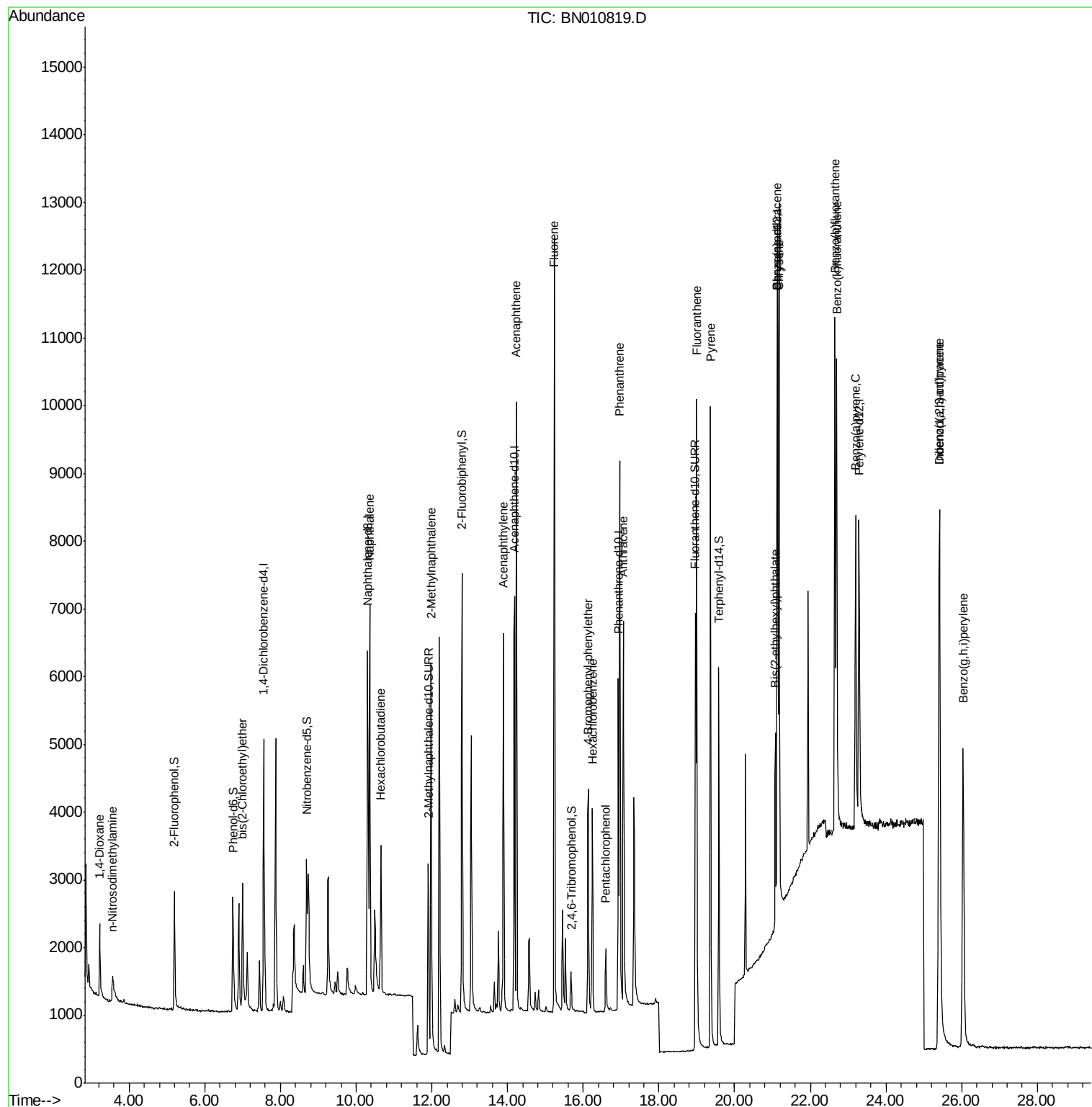
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	947	0.436	ng	98
3) n-Nitrosodimethylamine	3.56	42	507	0.401	ng	# 94
6) bis(2-Chloroethyl)ether	7.00	93	2066	0.420	ng	96
9) Naphthalene	10.35	128	7825	0.423	ng	99
10) Hexachlorobutadiene	10.65	225	1921	0.420	ng	# 99
12) 2-Methylnaphthalene	11.98	142	5056	0.408	ng	98
16) Acenaphthylene	13.89	152	6476	0.410	ng	100
17) Acenaphthene	14.24	154	4551	0.422	ng	99
18) Fluorene	15.23	166	5684	0.409	ng	98
20) 4-Bromophenyl-phenylether	16.14	248	1920	0.397	ng	98
21) Hexachlorobenzene	16.24	284	2075	0.411	ng	97
22) Pentachlorophenol	16.59	266	622	0.367	ng	97
23) Phenanthrene	16.96	178	9045	0.412	ng	99
24) Anthracene	17.06	178	7249	0.395	ng	100
26) Fluoranthene	18.99	202	9938	0.398	ng	100
28) Pyrene	19.36	202	9892	0.435	ng	100
30) Benzo(a)anthracene	21.12	228	8019	0.397	ng	99
31) Chrysene	21.17	228	10449	0.444	ng	98
32) Bis(2-ethylhexyl)phthalate	21.08	149	2874	0.427	ng	96
33) Indeno(1,2,3-cd)pyrene	25.40	276	10946	0.416	ng	98
35) Benzo(b)fluoranthene	22.65	252	9241	0.407	ng	99
36) Benzo(k)fluoranthene	22.69	252	10278	0.424	ng	99
37) Benzo(a)pyrene	23.19	252	8002	0.410	ng	99
38) Dibenzo(a,h)anthracene	25.42	278	9175	0.413	ng	99
39) Benzo(g,h,i)perylene	26.04	276	9789	0.421	ng	99

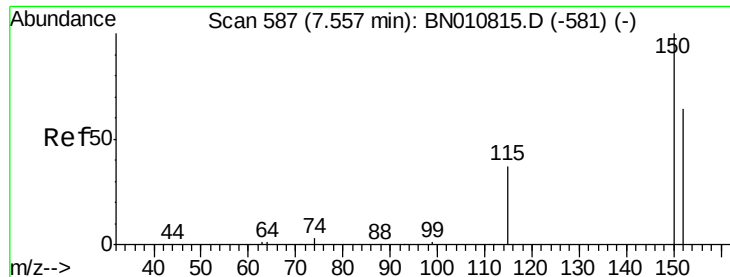
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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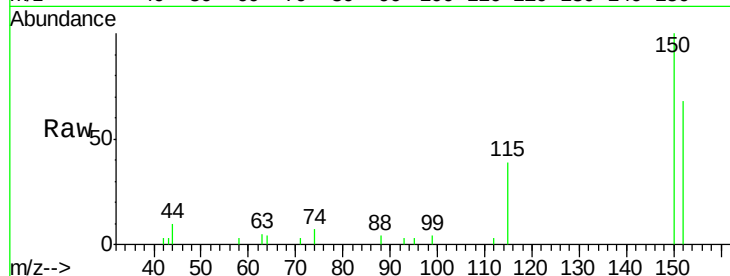


#1

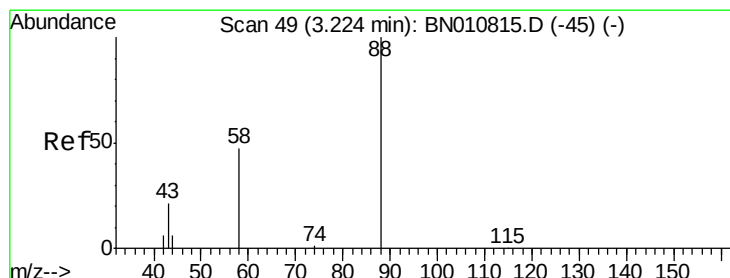
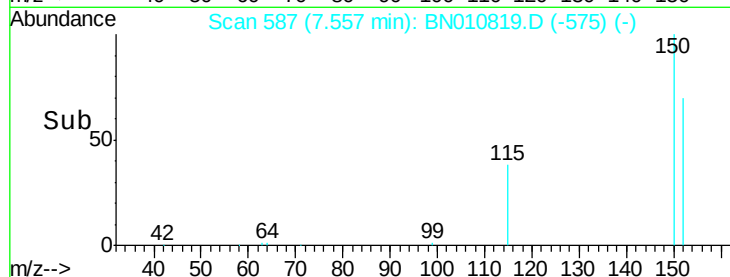
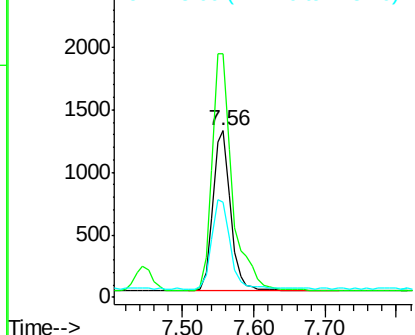
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010819.D
Acq: 10 Jun 2020 15:20

Instrument :
BNA_N
ClientSampleId :
ICVBN061020

Tot Ion:152 Resp: 2218
Ion Ratio Lower Upper
152 100
150 146.2 123.8 185.6
115 57.3 49.2 73.8



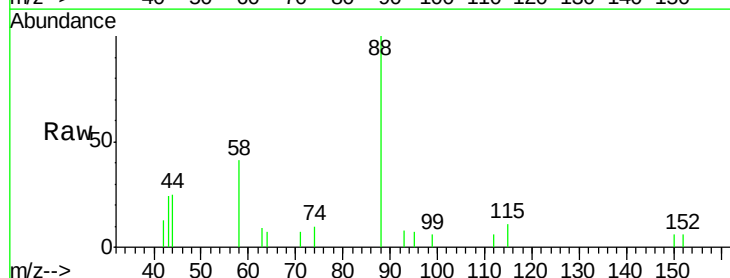
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



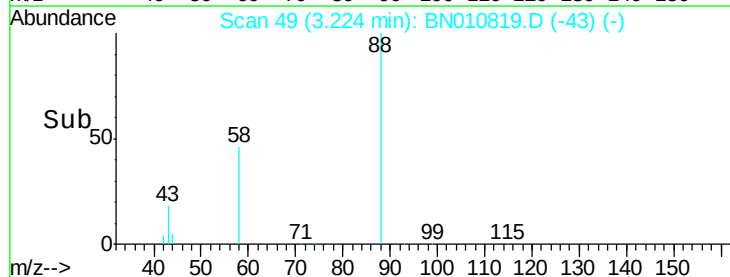
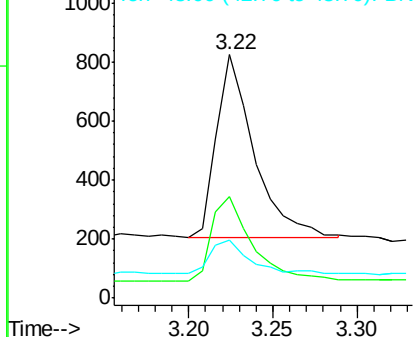
#2

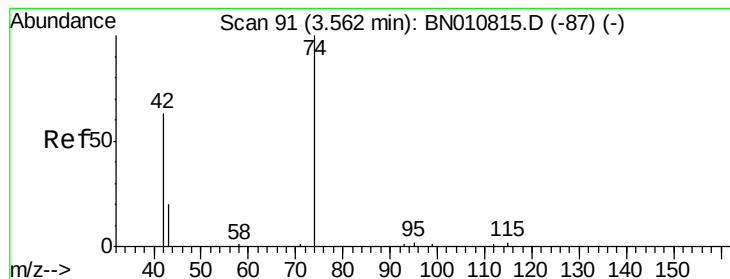
1,4-Dioxane
Concen: 0.436 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010819.D
Acq: 10 Jun 2020 15:20

Tgt Ion: 88 Resp: 947
Ion Ratio Lower Upper
88 100
58 49.4 38.2 57.4
43 19.2 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.401 ng

RT: 3.56 min Scan# 91

Delta R.T. -0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020

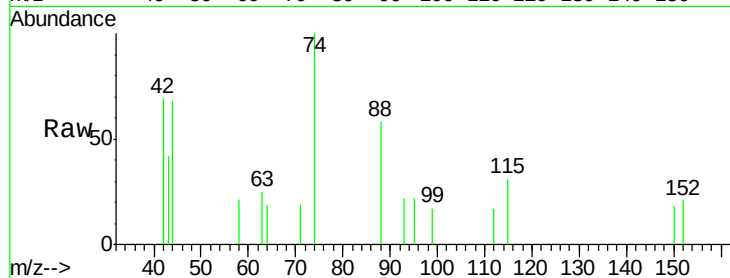
Tot Ion: 42 Resp: 507

Ion Ratio Lower Upper

42 100

74 167.5 140.7 211.1

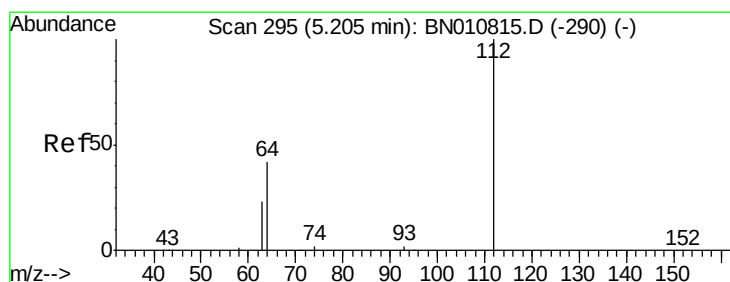
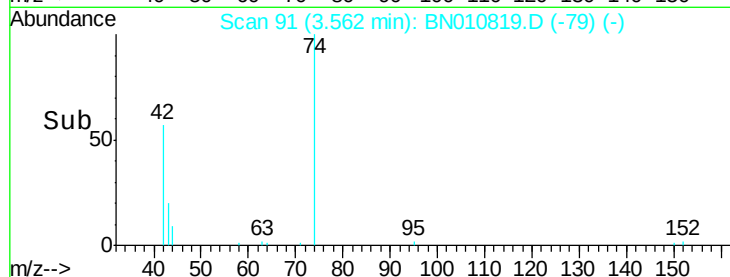
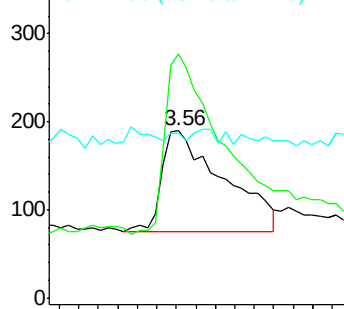
44 3.0 1.4 2.2#



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: 0.432 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.01 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

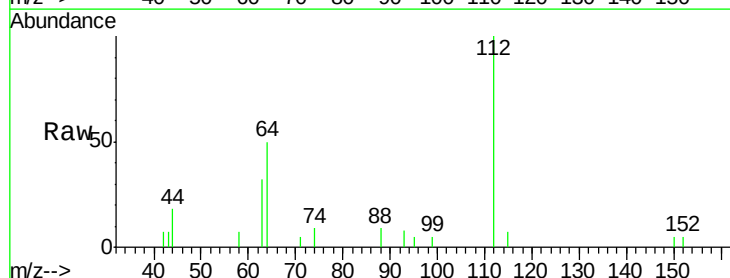
Tgt Ion: 112 Resp: 1851

Ion Ratio Lower Upper

112 100

64 44.7 37.4 56.0

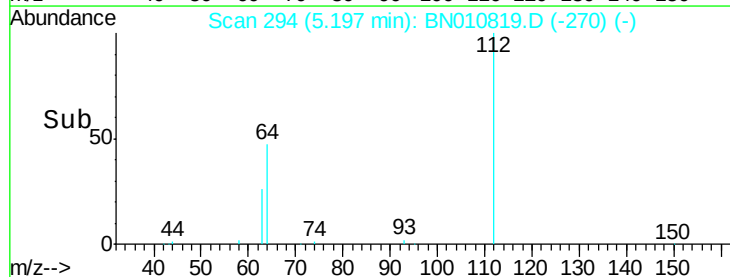
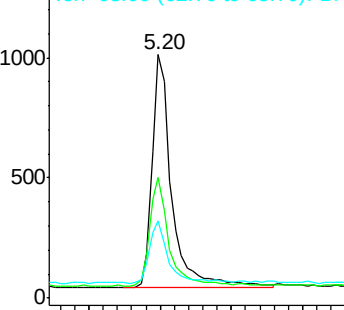
63 27.4 22.2 33.4

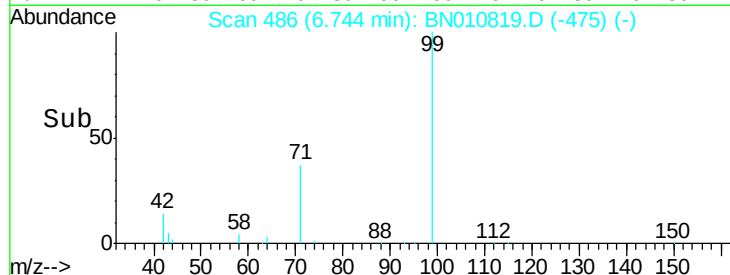
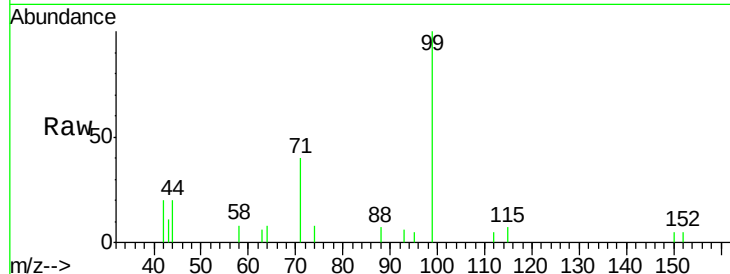
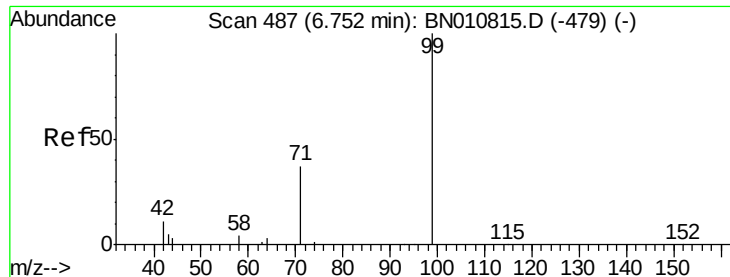


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.416 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020

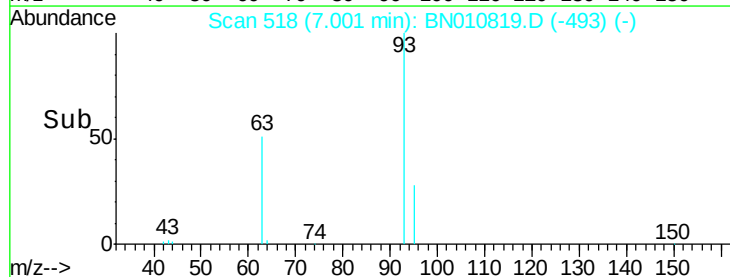
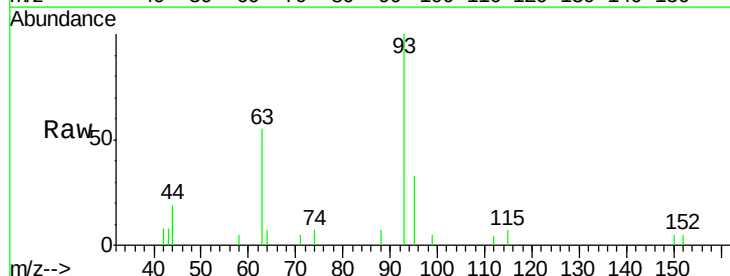
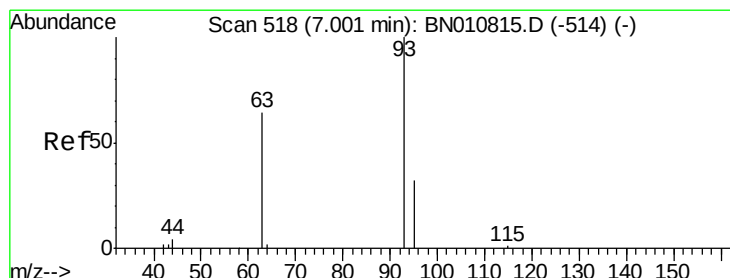
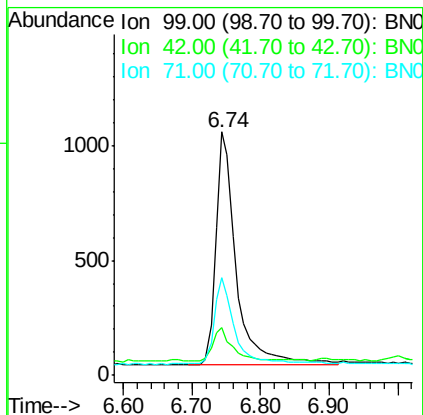
Tot Ion: 99 Resp: 2100

Ion Ratio Lower Upper

99 100

42 13.3 11.1 16.7

71 37.0 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.420 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

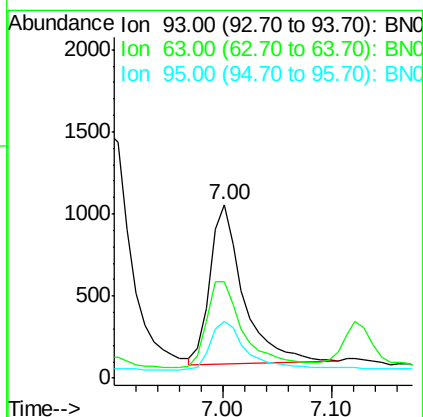
Tgt Ion: 93 Resp: 2066

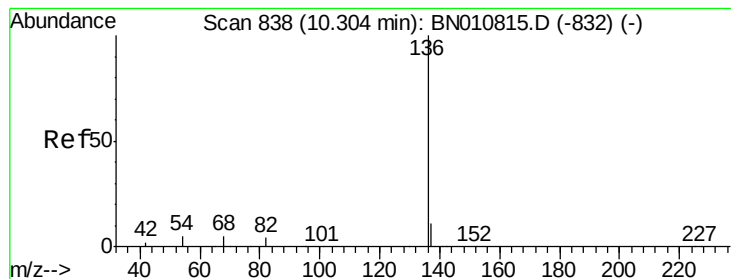
Ion Ratio Lower Upper

93 100

63 58.9 49.4 74.2

95 35.6 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020

Tot Ion:136 Resp: 7364

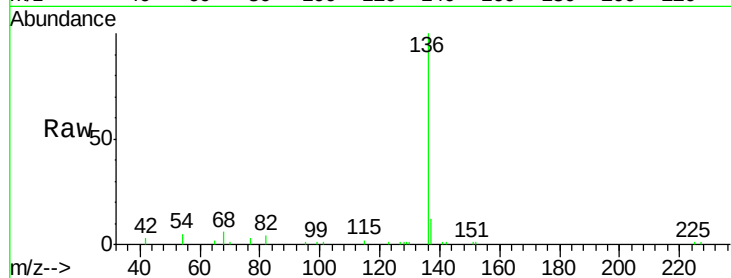
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 5.0 4.9 7.3

68 5.9 4.7 7.1

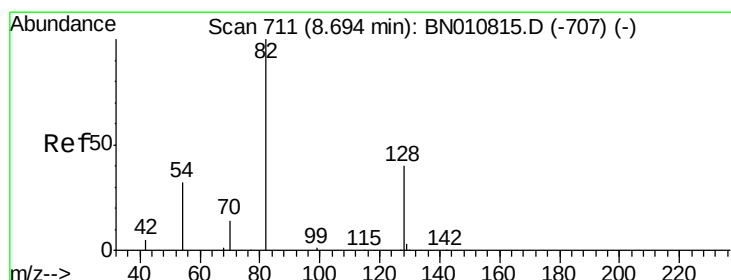
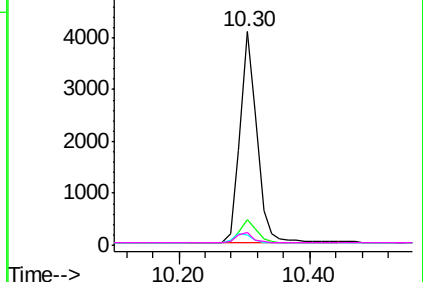
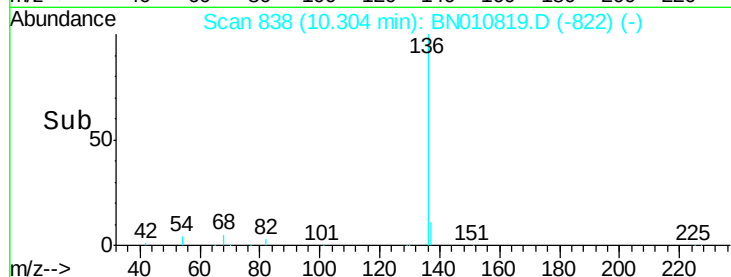


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.409 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

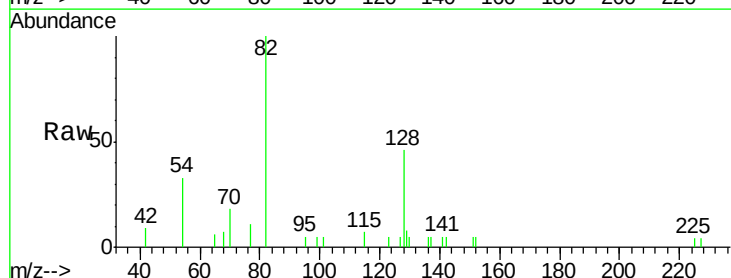
Tgt Ion: 82 Resp: 2227

Ion Ratio Lower Upper

82 100

128 46.0 35.4 53.0

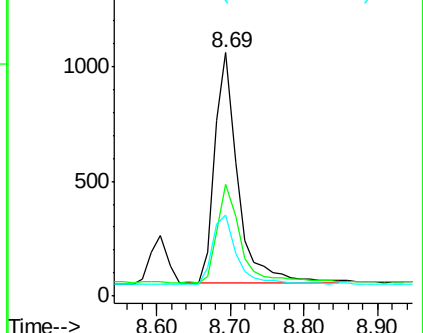
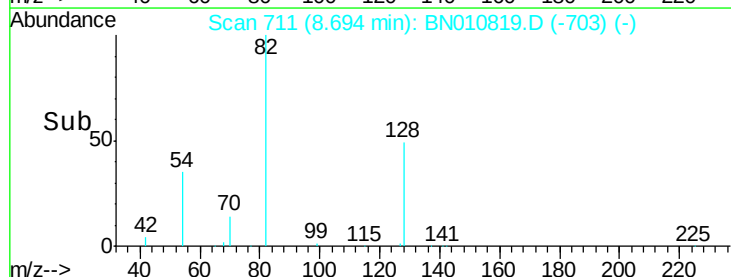
54 33.2 28.2 42.4

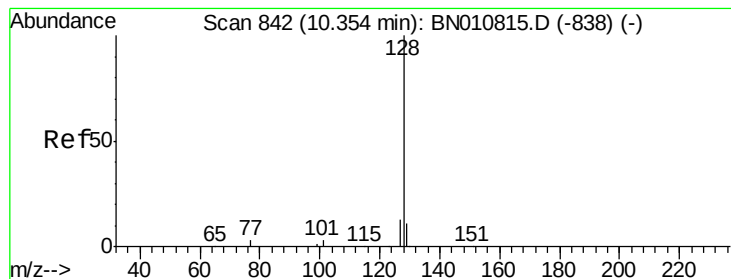


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

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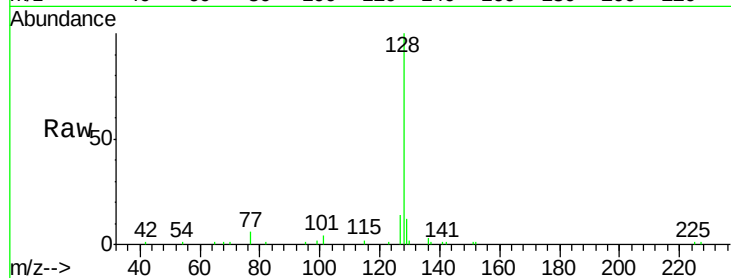
Tot Ion:128 Resp: 7825

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

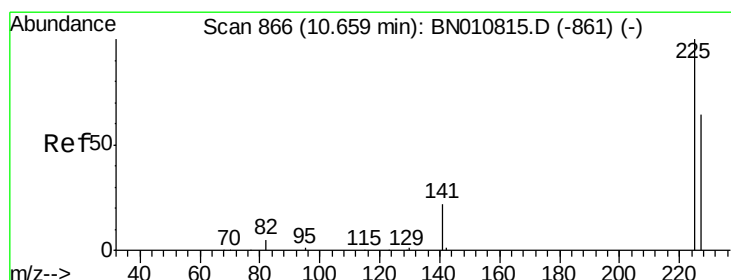
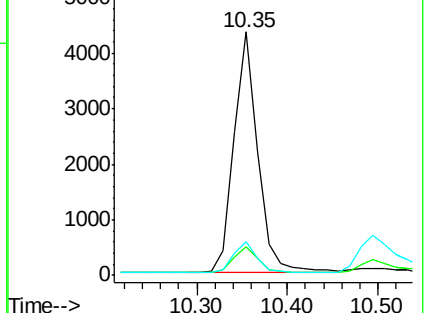
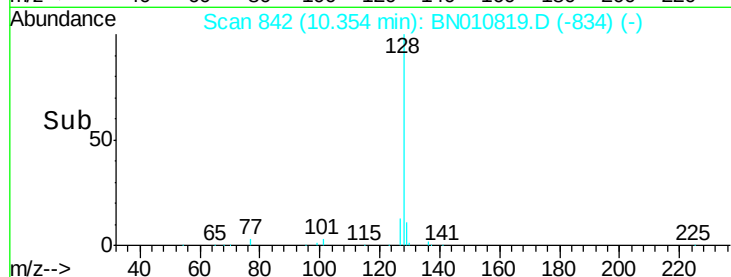
127 13.9 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.420 ng

RT: 10.65 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

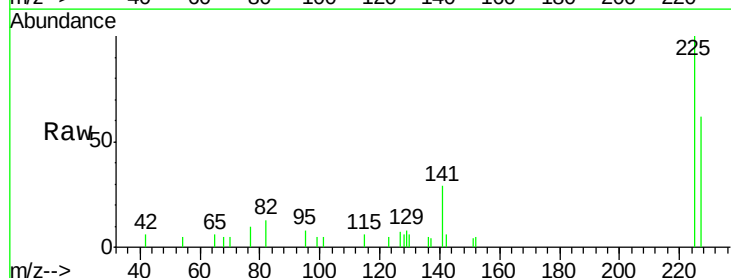
Tgt Ion:225 Resp: 1921

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

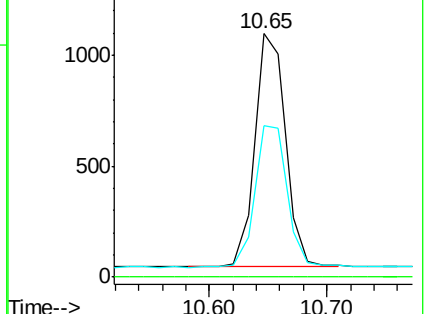
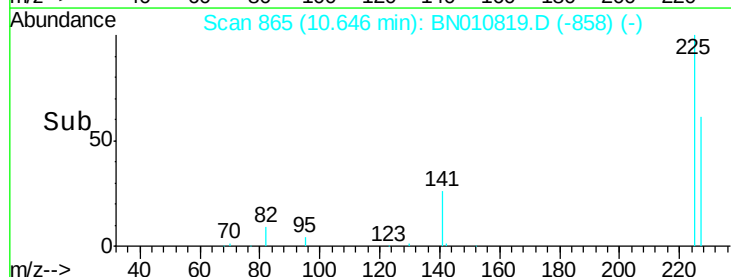
227 63.6 50.5 75.7

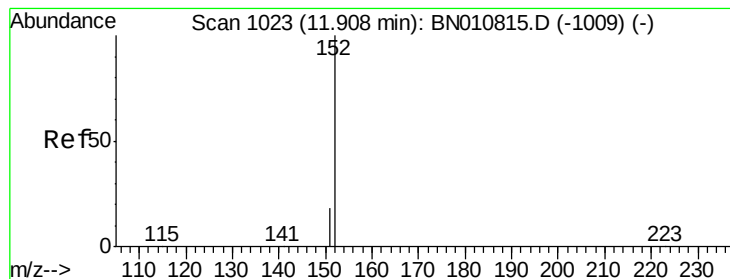


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.415 ng

RT: 11.90 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

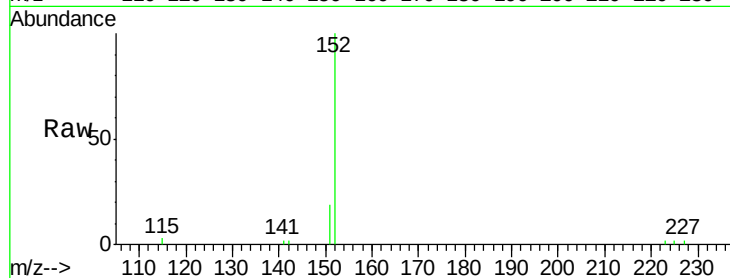
ICVBN061020

Tot Ion:152 Resp: 4744

Ion Ratio Lower Upper

152 100

151 19.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

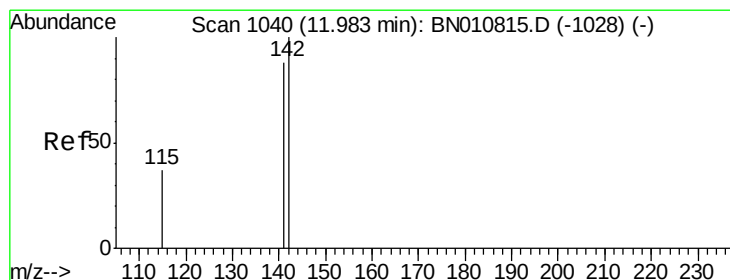
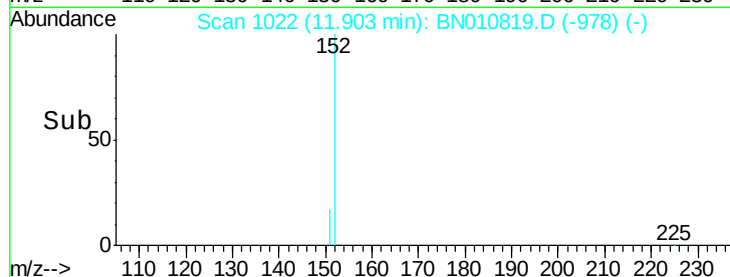
1500

1000

500

0

Time--> 11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 11.98 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

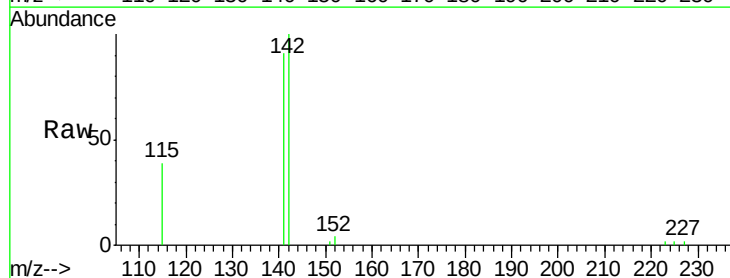
Tgt Ion:142 Resp: 5056

Ion Ratio Lower Upper

142 100

141 90.5 70.8 106.2

115 39.0 31.5 47.3



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

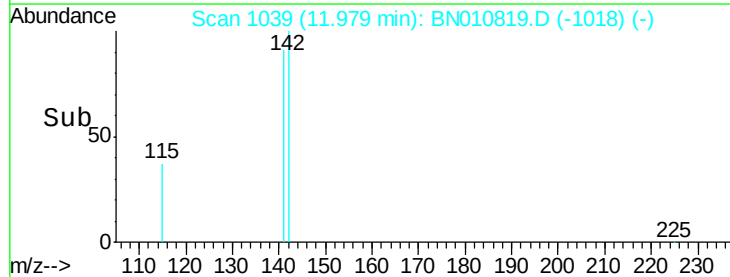
3000

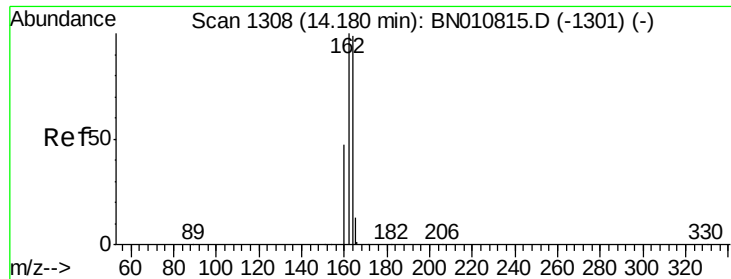
2000

1000

0

Time--> 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

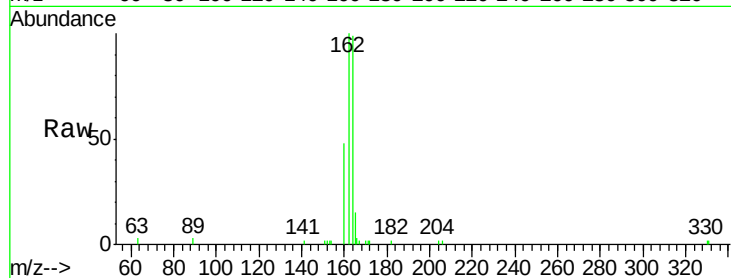
BNA_N

ClientSampleId :

ICVBN061020

Tot Ion:164 Resp: 3857

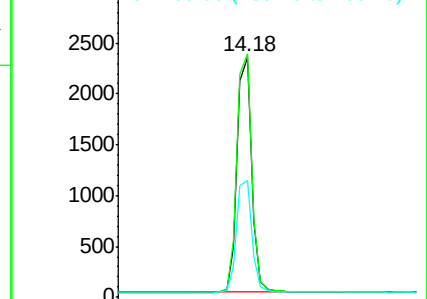
Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.0	121.6
160	48.9	38.9	58.3



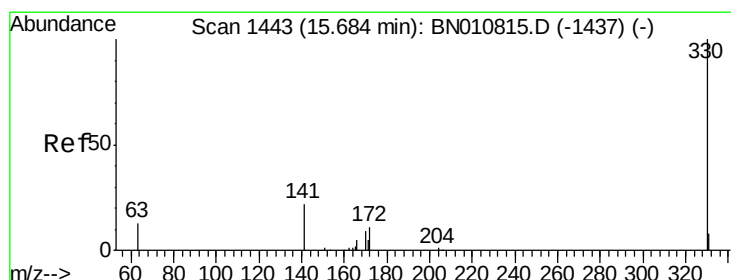
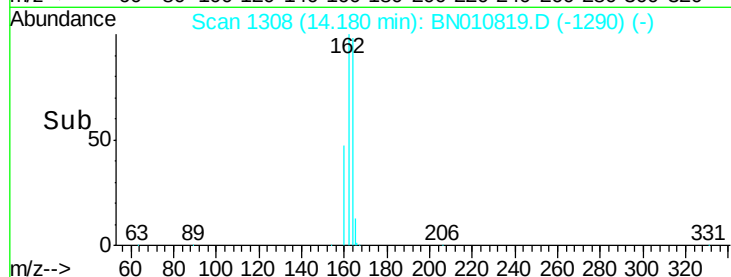
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.390 ng

RT: 15.68 min Scan# 1443

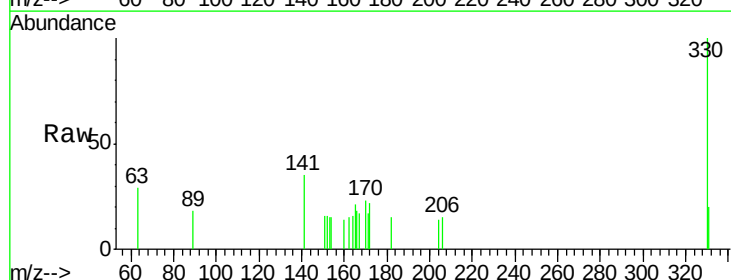
Delta R.T. -0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Tgt Ion:330 Resp: 538

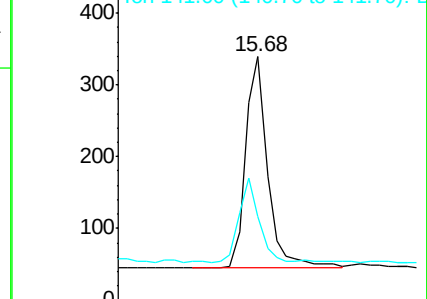
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.1	33.2	49.8



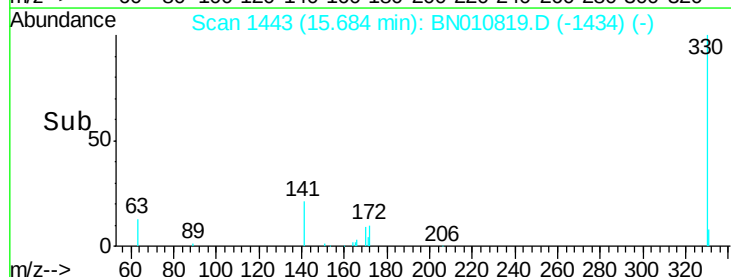
Abundance Ion 330.00 (329.70 to 330.70): E

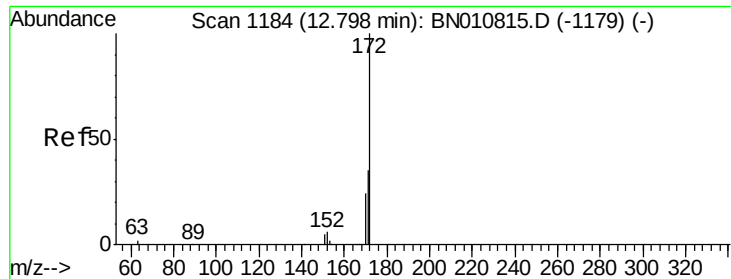
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

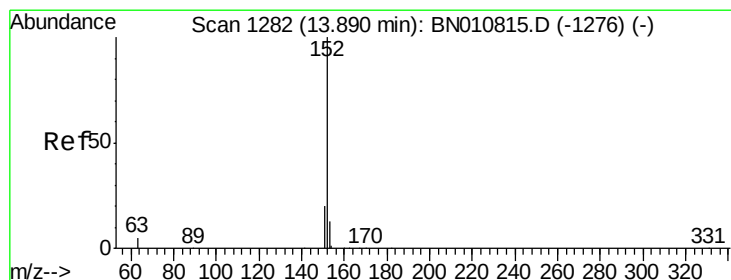
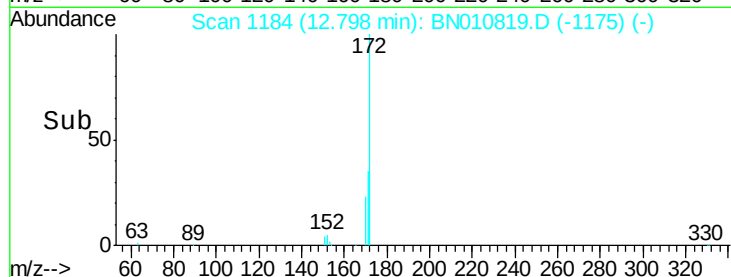
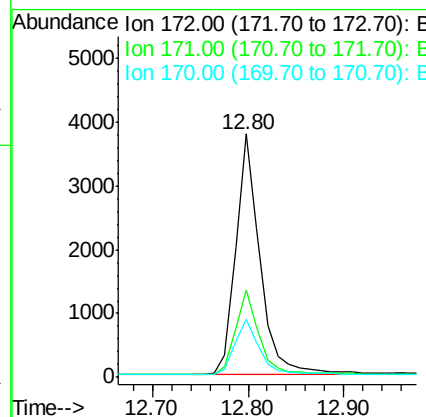
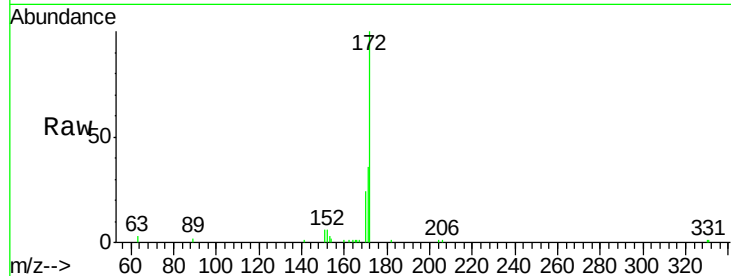




#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN010819.D
Acq: 10 Jun 2020 15:20

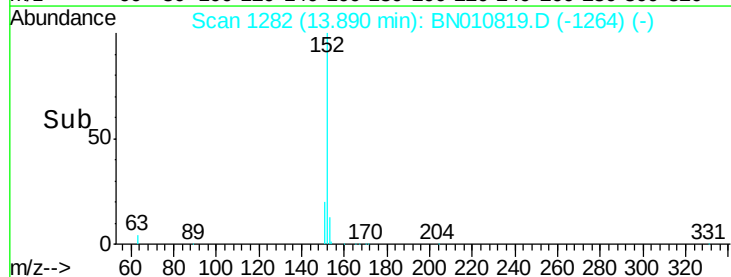
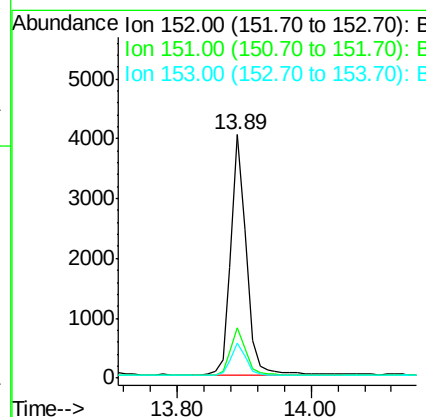
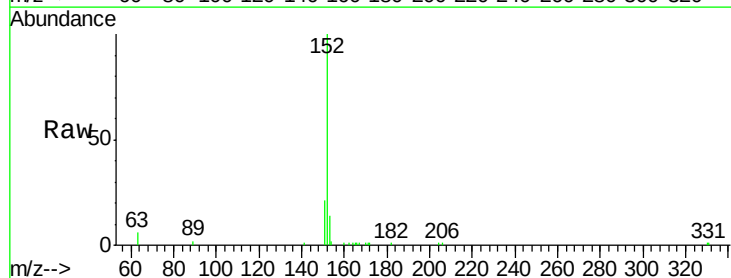
Instrument :
BNA_N
ClientSampleId :
ICVBN061020

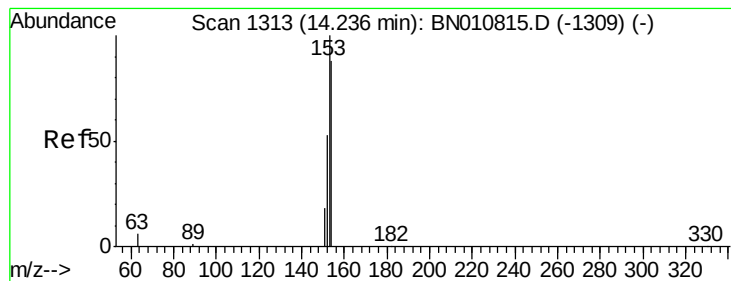
Tot Ion:172 Resp: 6608
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.0 19.7 29.5



#16
Acenaphthylene
Concen: 0.410 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010819.D
Acq: 10 Jun 2020 15:20

Tgt Ion:152 Resp: 6476
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 0.422 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020

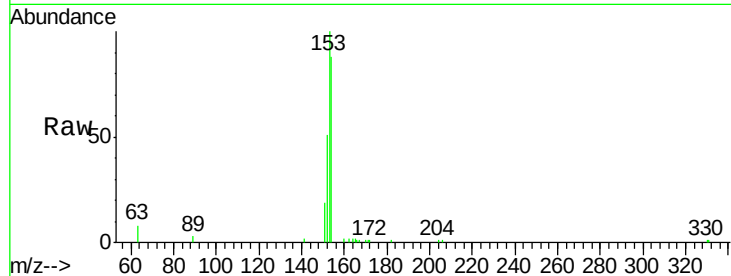
Tot Ion:154 Resp: 4551

Ion Ratio Lower Upper

154 100

153 113.6 91.8 137.6

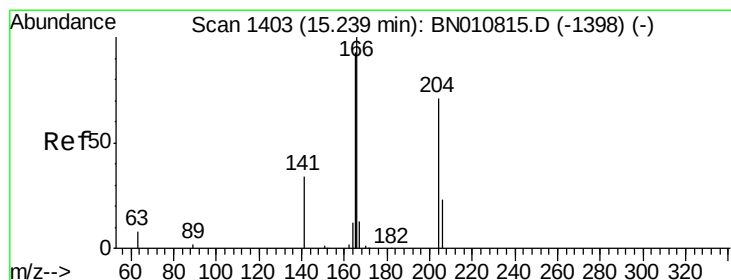
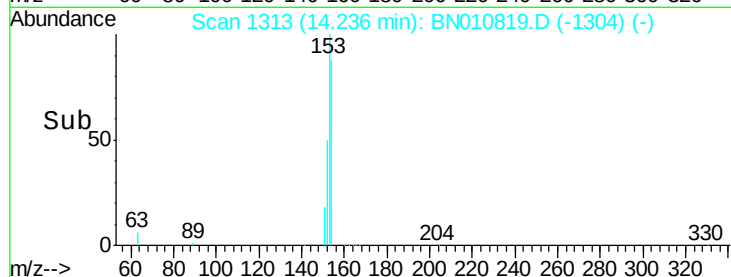
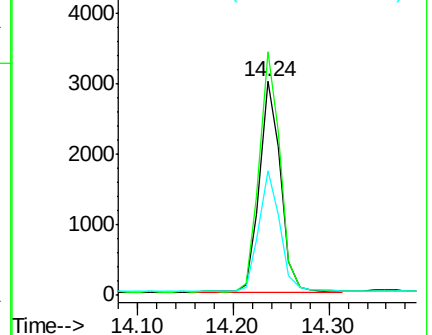
152 58.1 47.6 71.4



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: 0.409 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

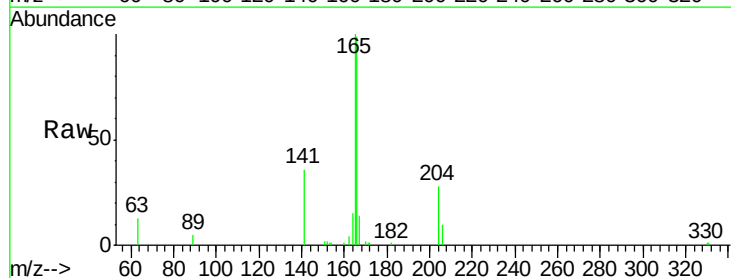
Tgt Ion:166 Resp: 5684

Ion Ratio Lower Upper

166 100

165 98.5 77.2 115.8

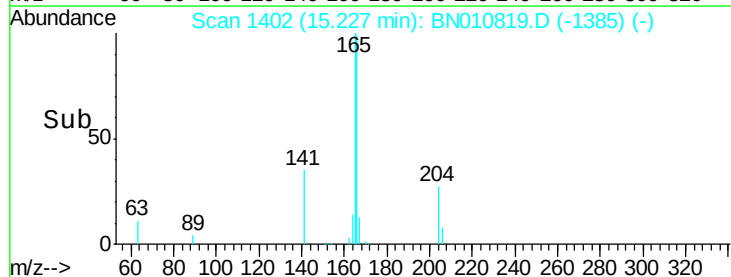
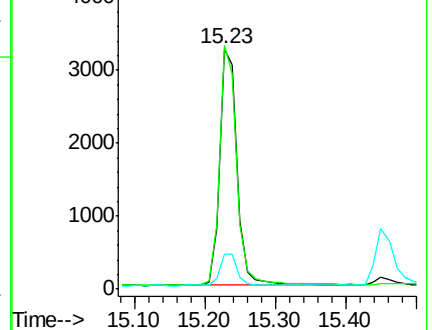
167 13.5 10.7 16.1

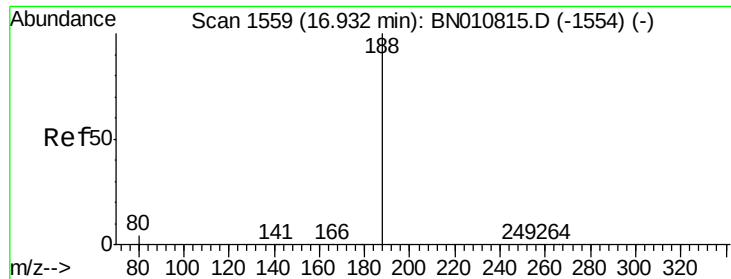


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020

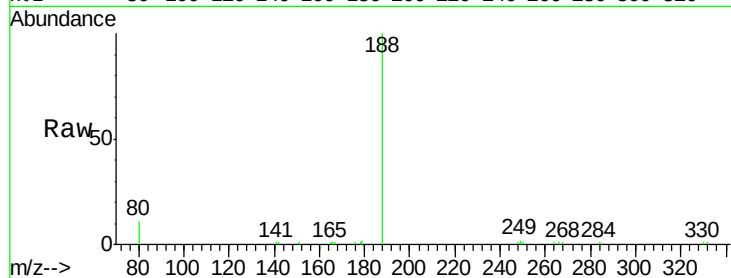
Tot Ion:188 Resp: 8047

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

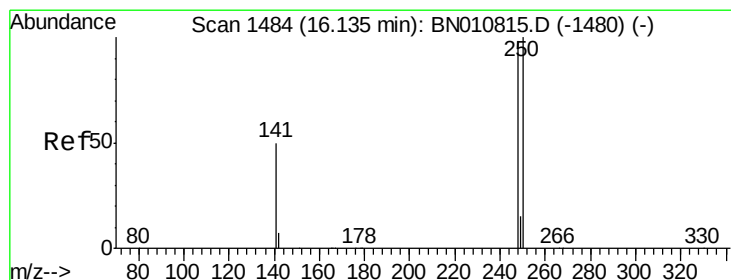
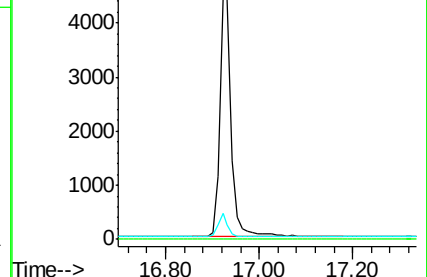
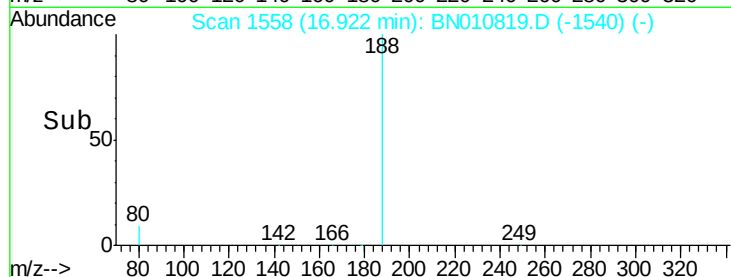
80 10.5 4.5 6.7#



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: 0.397 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

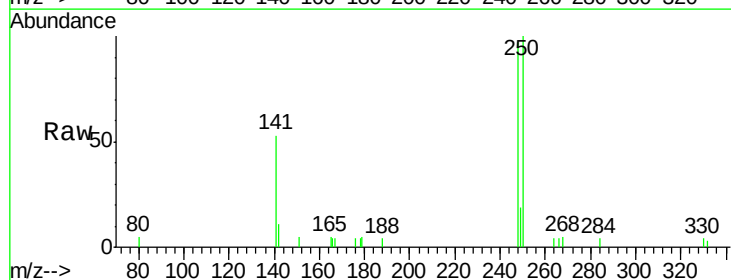
Tgt Ion:248 Resp: 1920

Ion Ratio Lower Upper

248 100

250 103.4 81.8 122.8

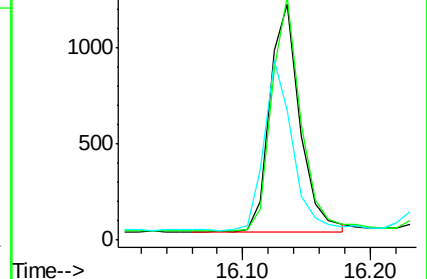
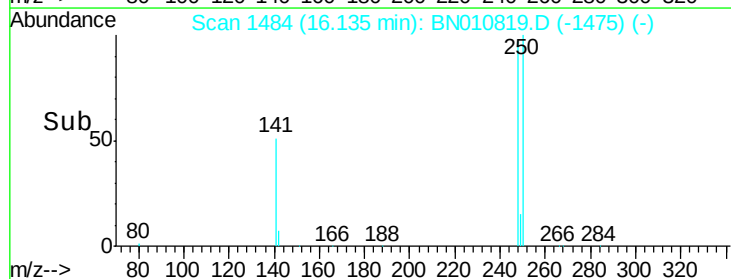
141 55.2 42.6 64.0

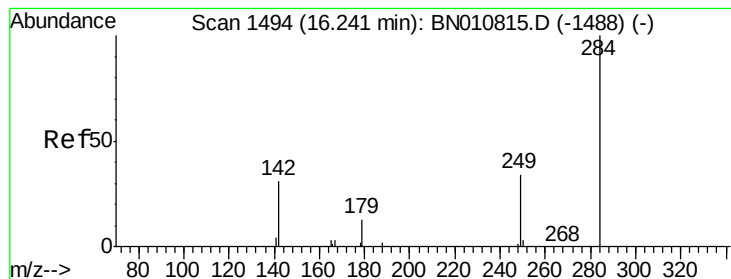


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.411 ng

RT: 16.24 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020

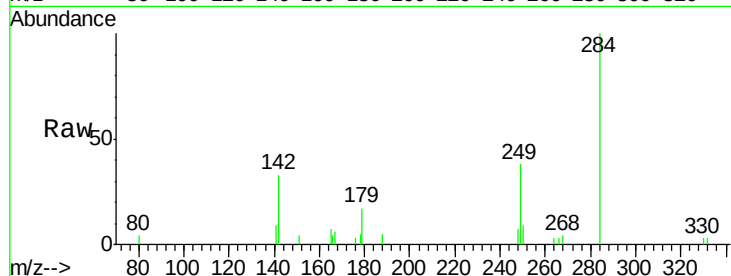
Tot Ion:284 Resp: 2075

Ion Ratio Lower Upper

284 100

142 40.5 31.0 46.4

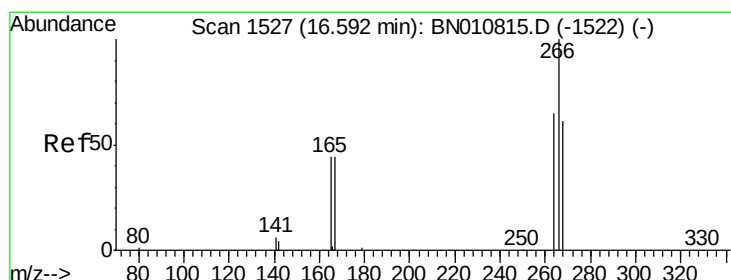
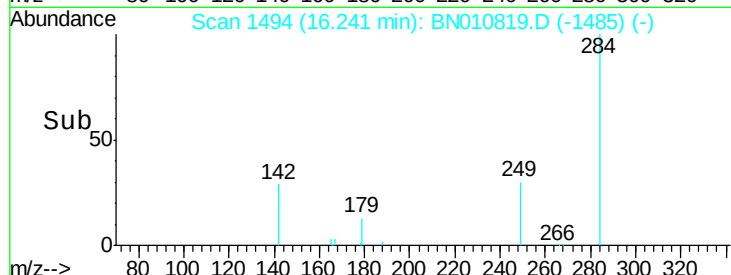
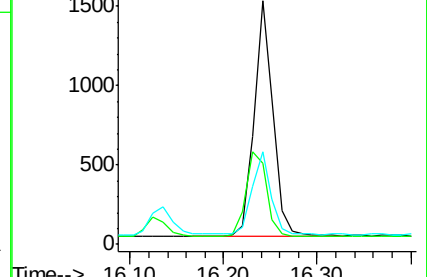
249 35.6 27.1 40.7



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: 0.367 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

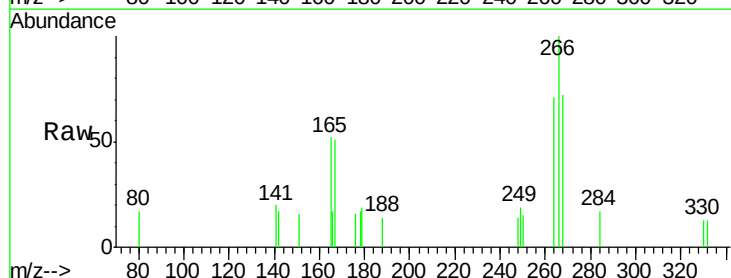
Tgt Ion:266 Resp: 622

Ion Ratio Lower Upper

266 100

264 71.0 54.8 82.2

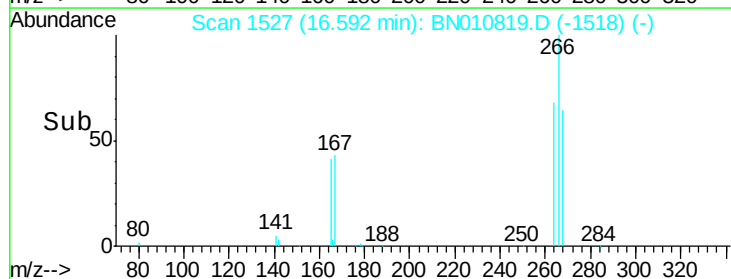
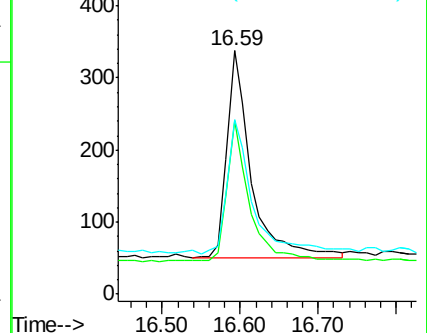
268 71.6 55.9 83.9

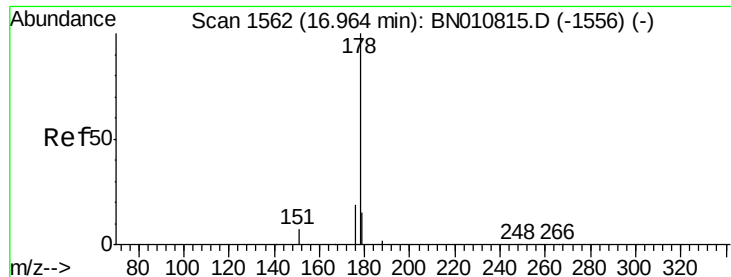


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.412 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020

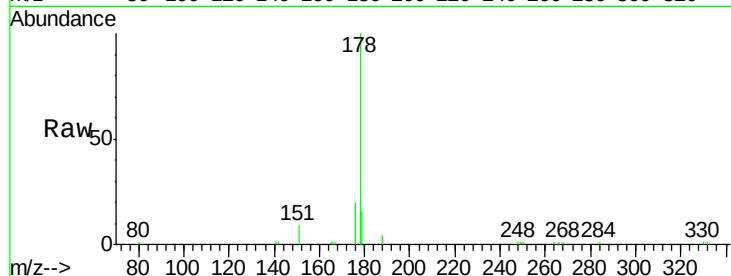
Tot Ion:178 Resp: 9045

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

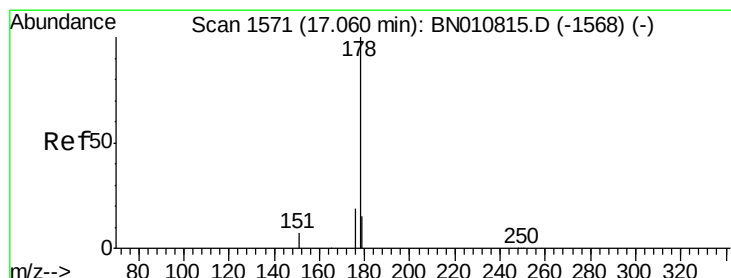
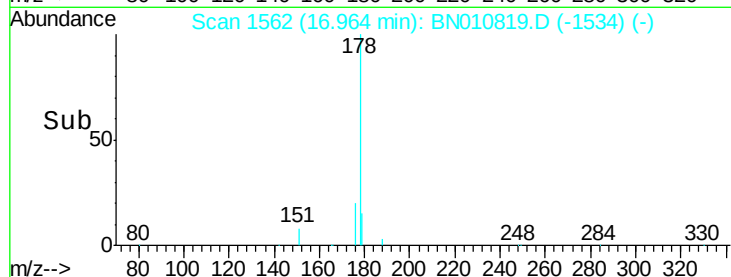
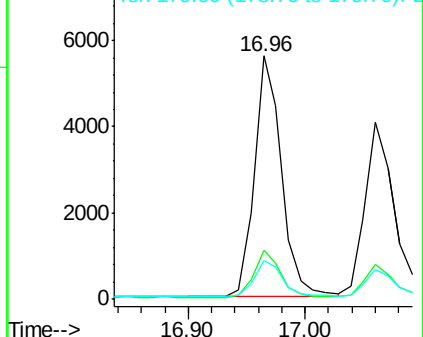
179 15.3 12.6 19.0



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: 0.395 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

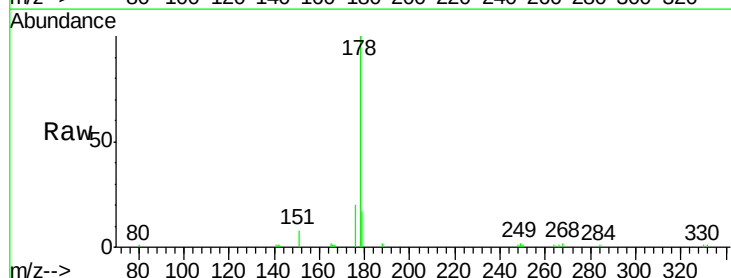
Tgt Ion:178 Resp: 7249

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

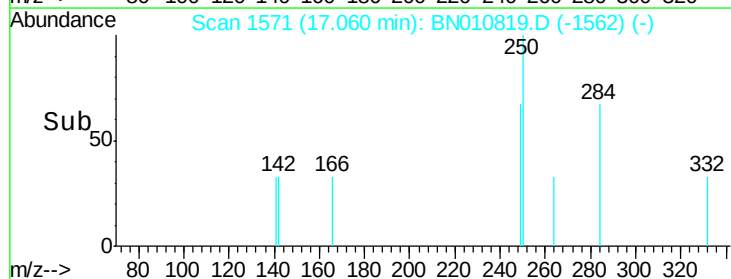
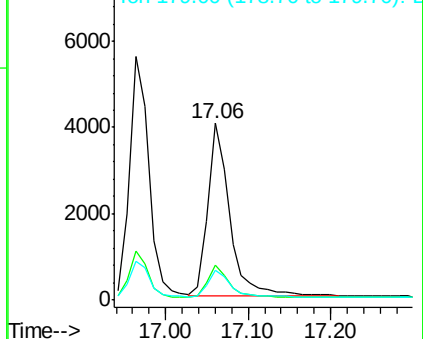
179 15.6 12.3 18.5

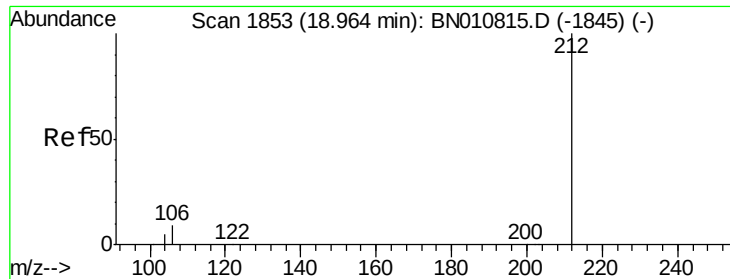


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

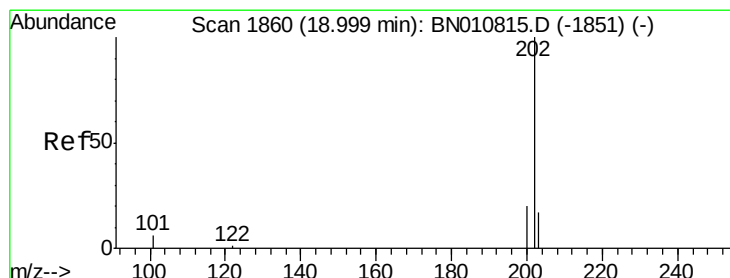
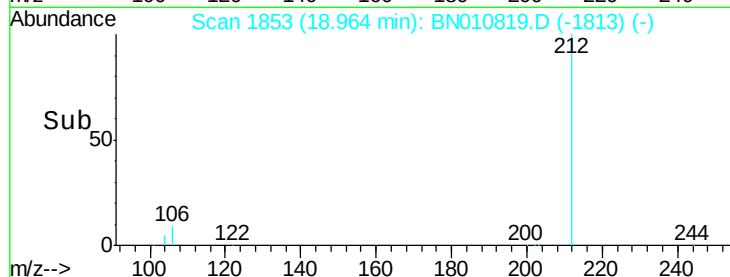
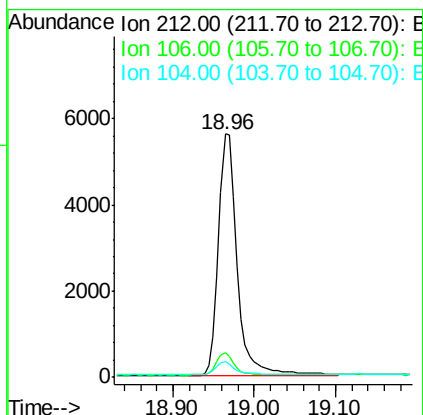
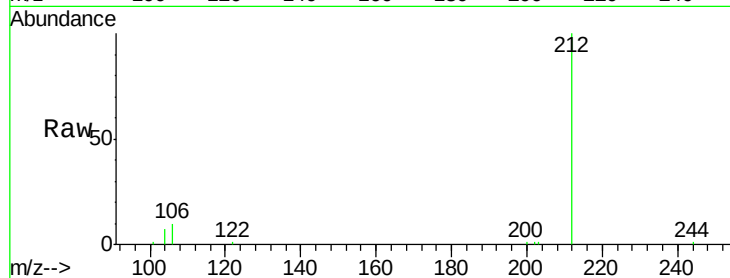




#25
 Fluoranthene-d10
 Concen: 0.403 ng
 RT: 18.96 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BN010819.D
 Acq: 10 Jun 2020 15:20

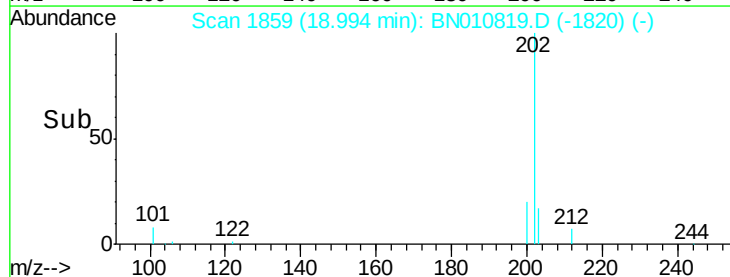
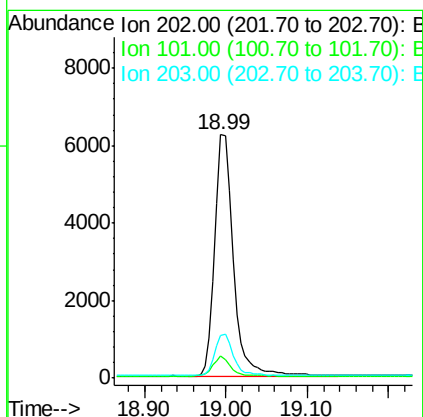
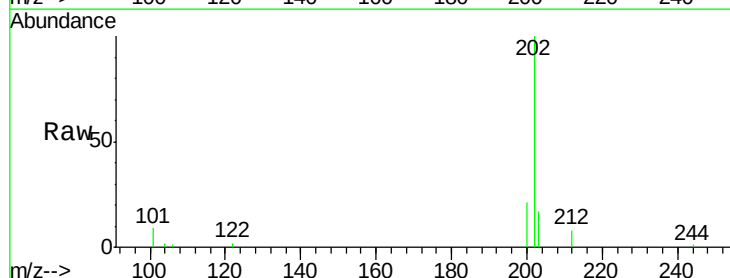
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN061020

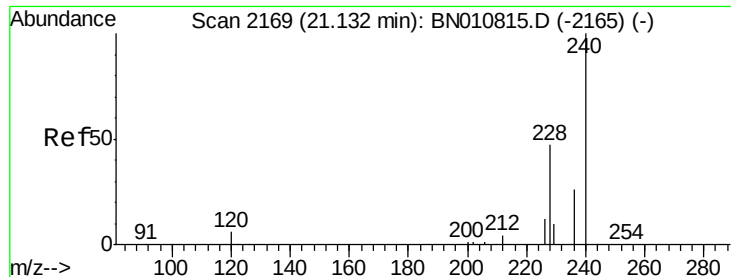
Tot Ion:212 Resp: 8954
 Ion Ratio Lower Upper
 212 100
 106 8.9 6.6 10.0
 104 5.1 4.0 6.0



#26
 Fluoranthene
 Concen: 0.398 ng
 RT: 18.99 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: BN010819.D
 Acq: 10 Jun 2020 15:20

Tgt Ion:202 Resp: 9938
 Ion Ratio Lower Upper
 202 100
 101 7.6 5.8 8.6
 203 17.1 13.7 20.5

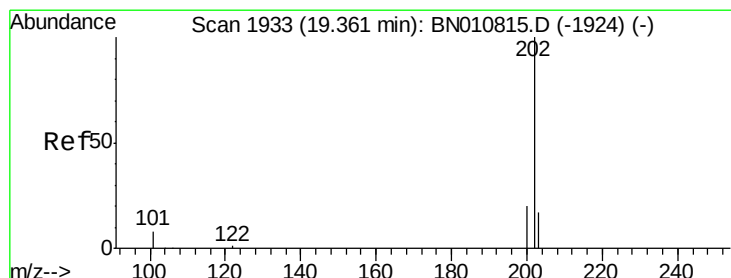
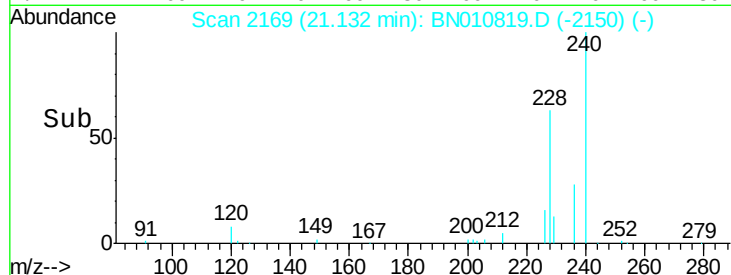
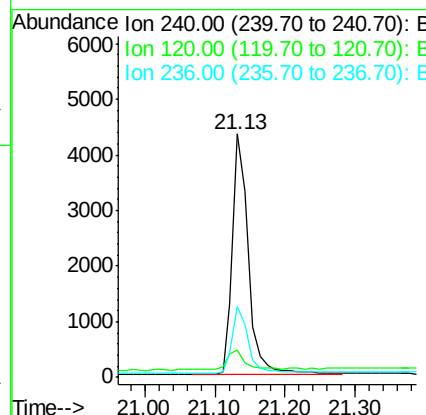
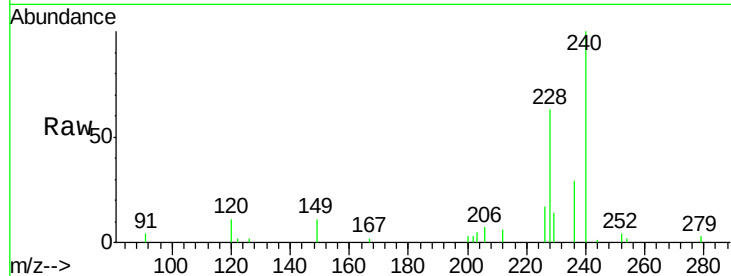




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010819.D
Acq: 10 Jun 2020 15:20

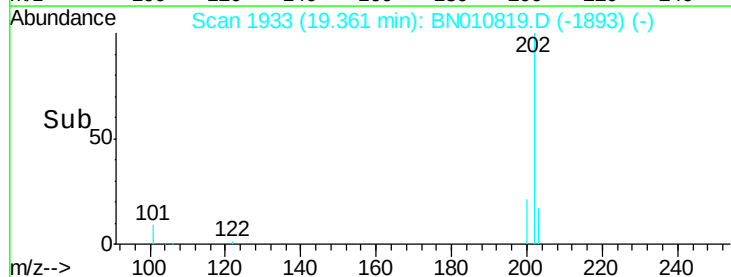
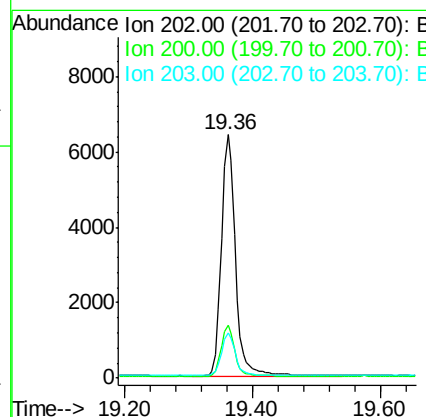
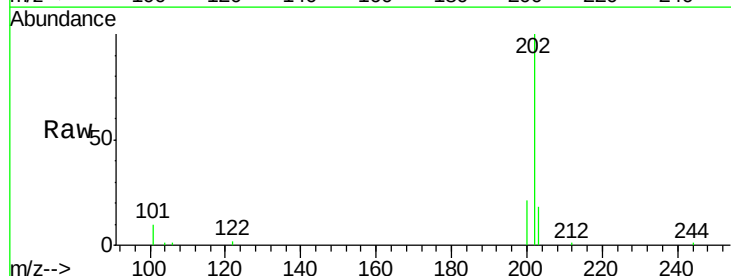
Instrument :
BNA_N
ClientSampleId :
ICVBN061020

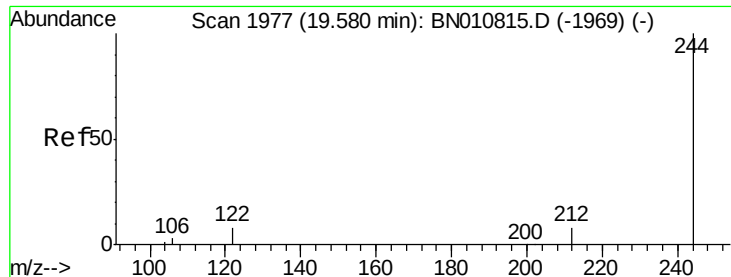
Tot Ion:240 Resp: 6875
Ion Ratio Lower Upper
240 100
120 11.1 7.5 11.3
236 29.1 22.3 33.5



#28
Pyrene
Concen: 0.435 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN010819.D
Acq: 10 Jun 2020 15:20

Tgt Ion:202 Resp: 9892
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 17.4 14.2 21.4





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.58 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020

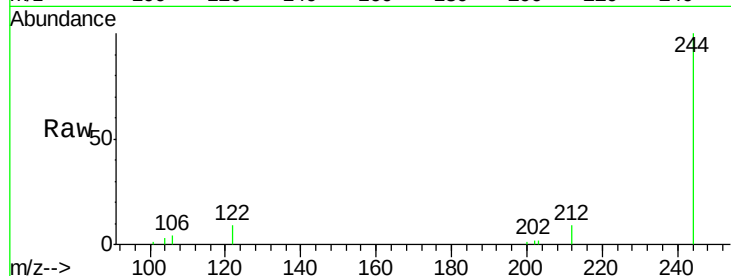
Tot Ion:244 Resp: 6977

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

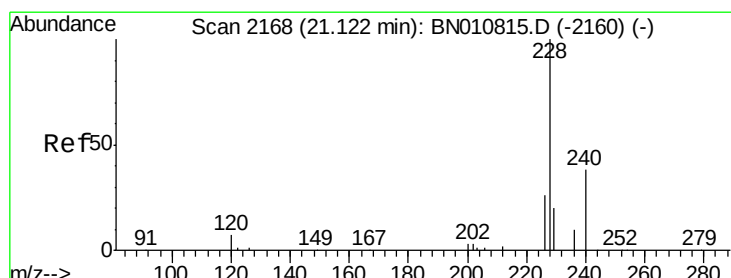
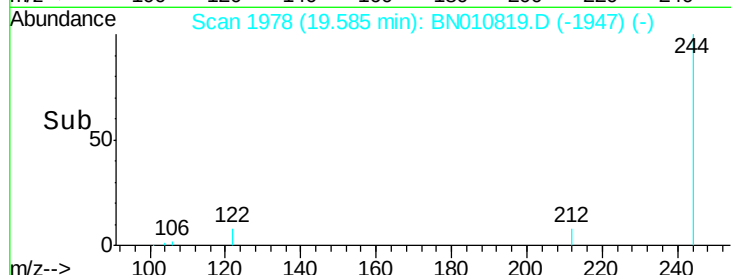
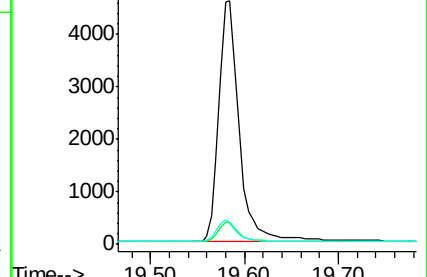
122 8.7 7.5 11.3



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: 0.397 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

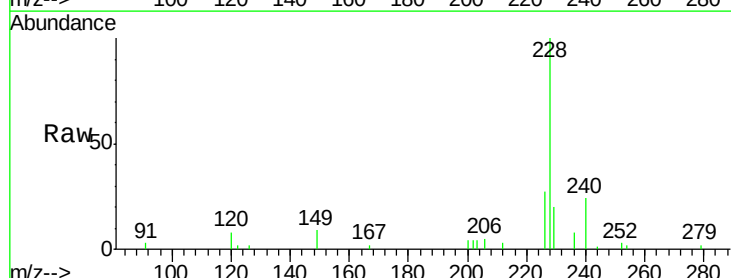
Tgt Ion:228 Resp: 8019

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

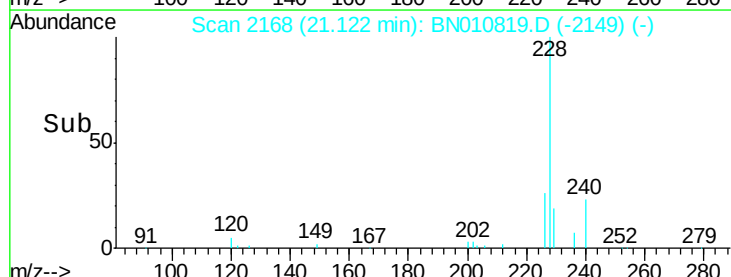
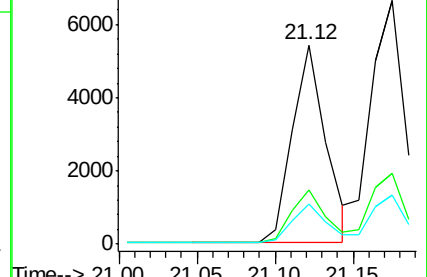
229 20.1 16.6 24.8

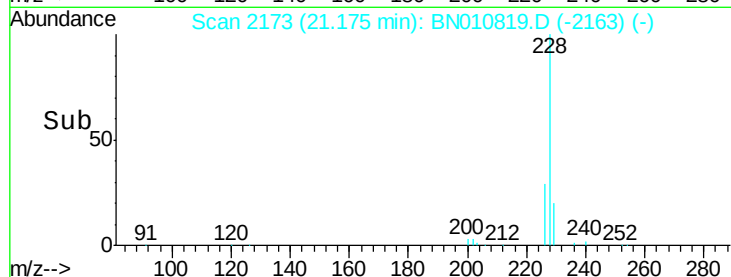
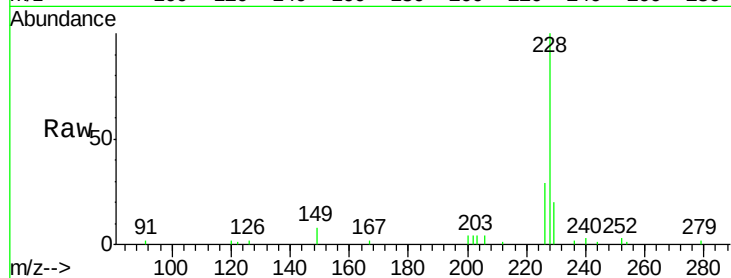
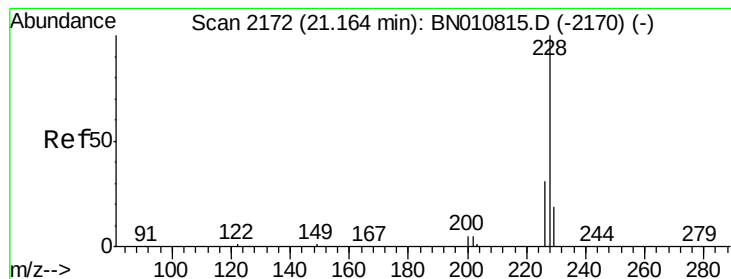


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.444 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020

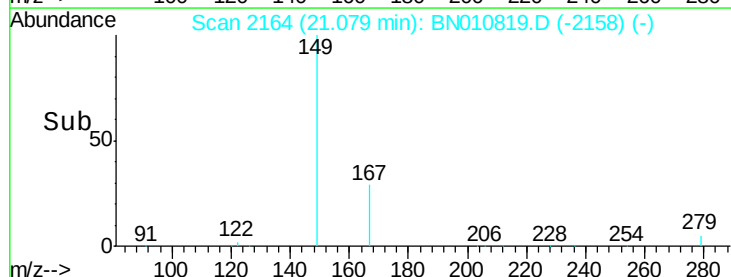
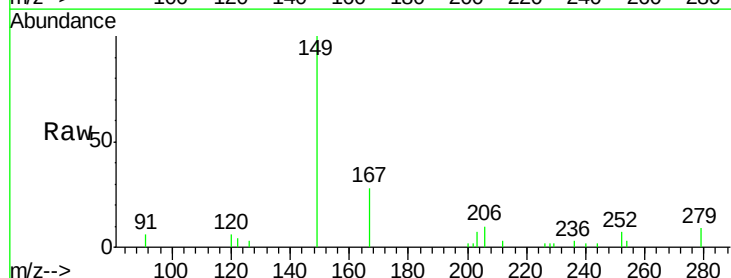
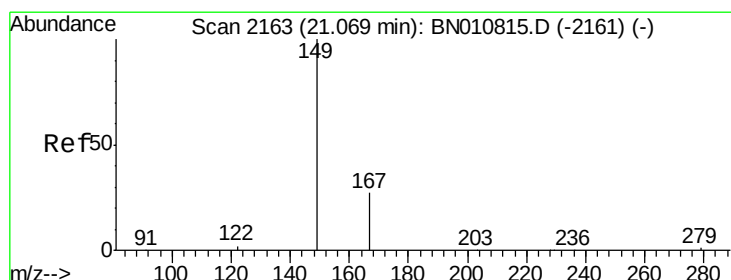
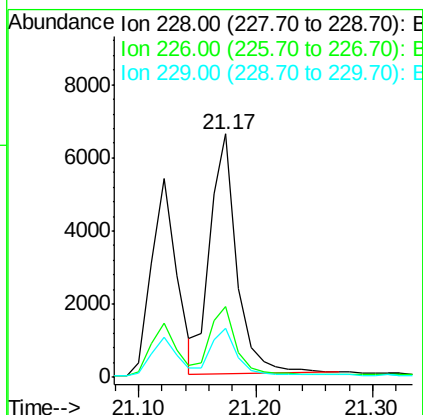
Tot Ion:228 Resp: 10449

Ion Ratio Lower Upper

228 100

226 29.3 25.0 37.6

229 20.2 16.1 24.1



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.427 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

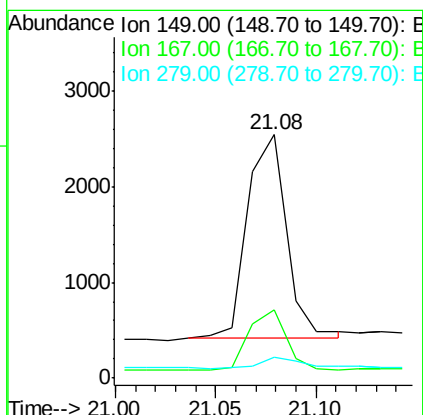
Tgt Ion:149 Resp: 2874

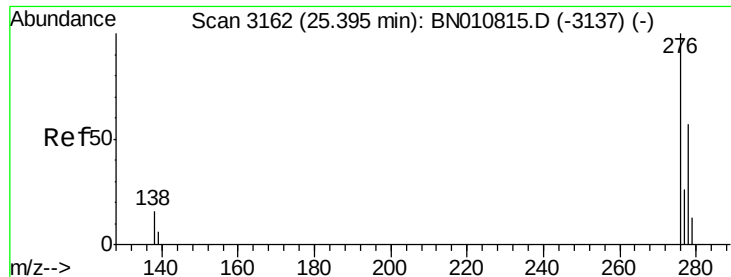
Ion Ratio Lower Upper

149 100

167 27.7 24.1 36.1

279 5.7 4.6 7.0





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.416 ng

RT: 25.40 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020

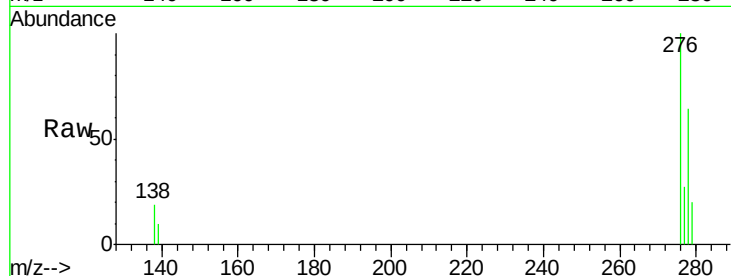
Tot Ion:276 Resp: 10946

Ion Ratio Lower Upper

276 100

138 18.2 13.0 19.6

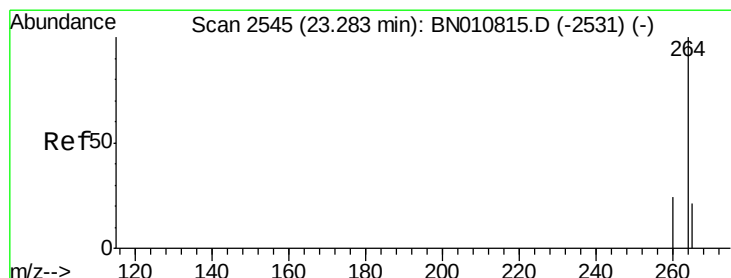
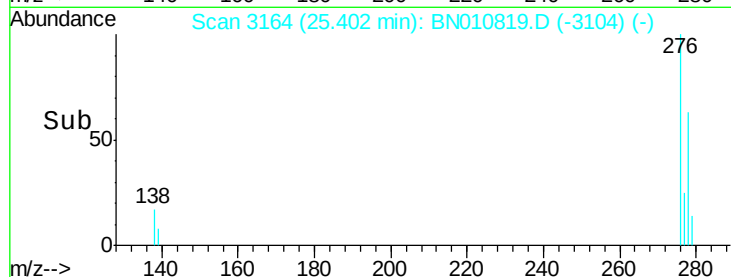
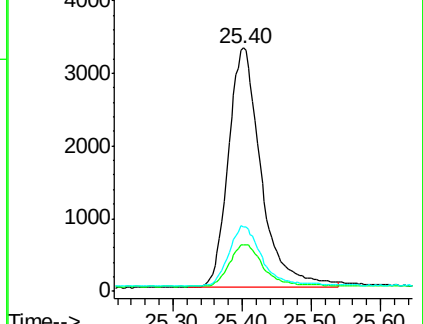
277 24.9 19.7 29.5



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: 23.29 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

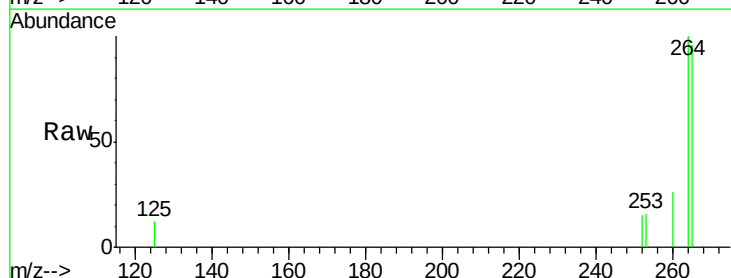
Tgt Ion:264 Resp: 6684

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

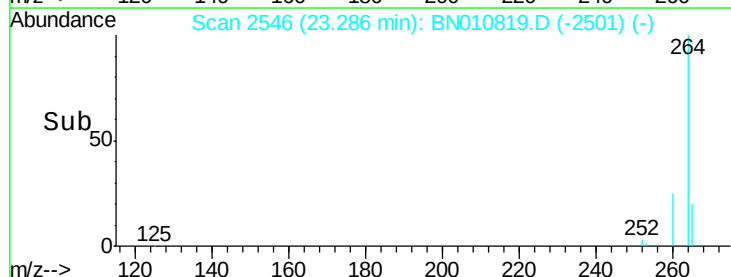
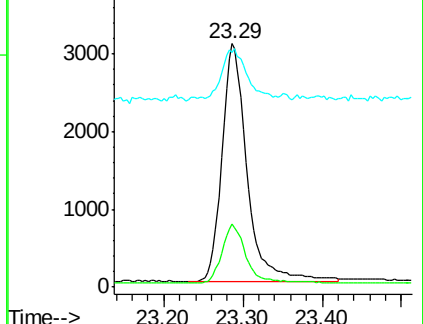
265 96.4 75.0 112.4

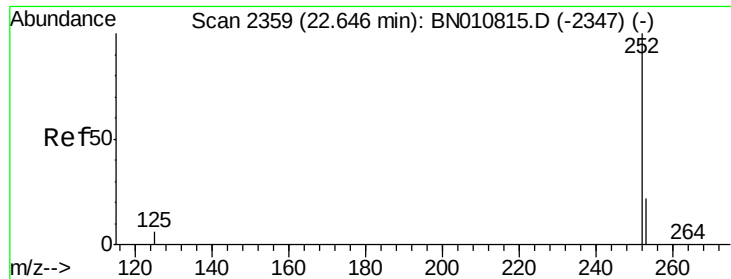


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

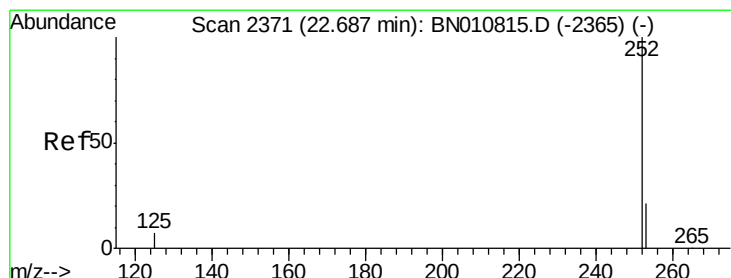
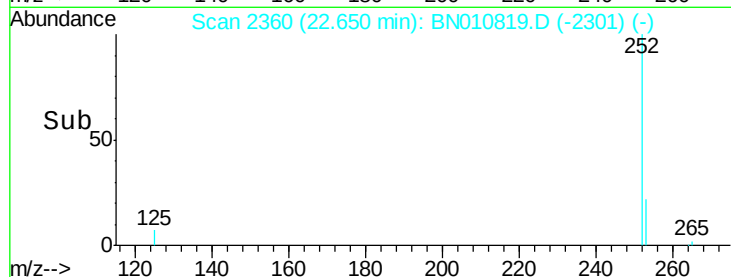
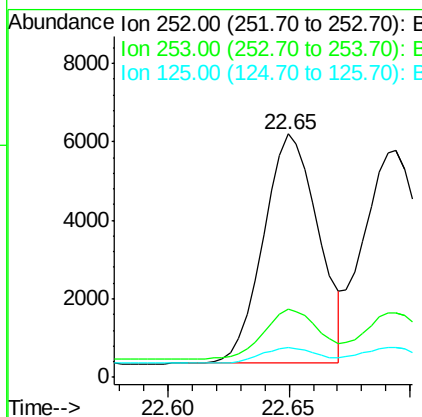
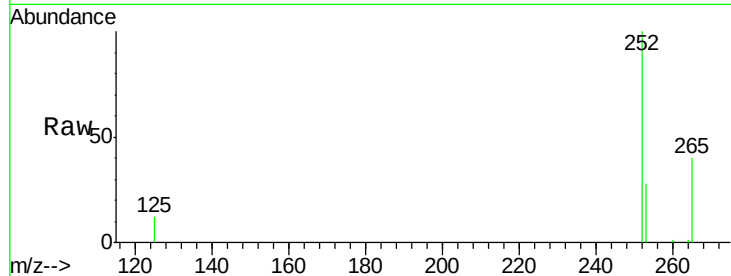




#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN010819.D
Acq: 10 Jun 2020 15:20

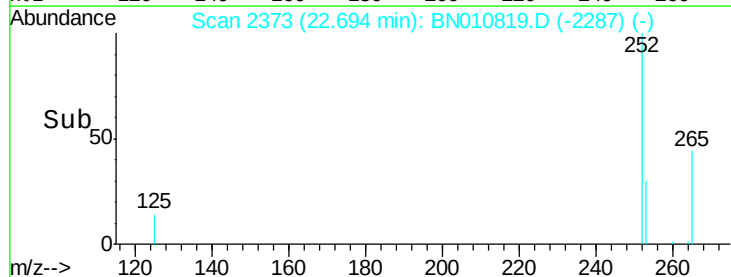
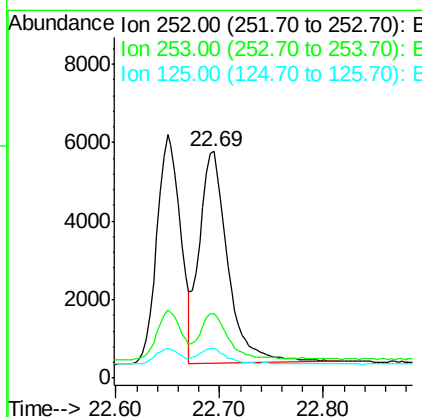
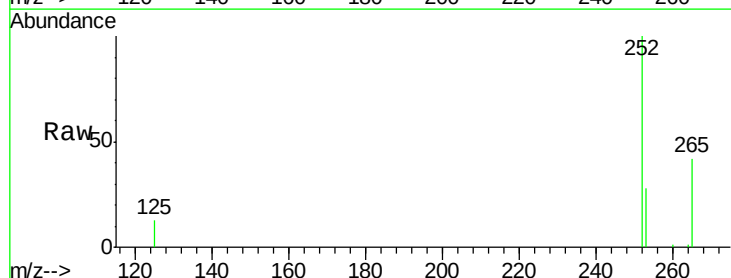
Instrument :
BNA_N
ClientSampleId :
ICVBN061020

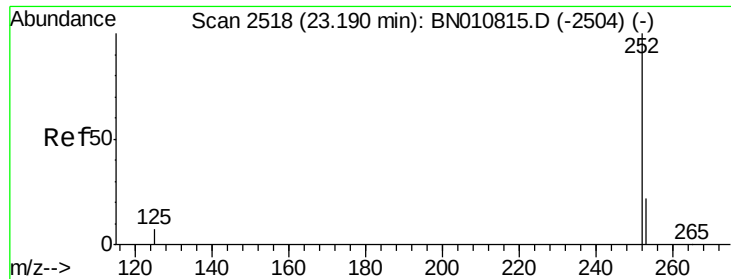
Tot Ion:252 Resp: 9241
Ion Ratio Lower Upper
252 100
253 27.8 22.4 33.6
125 12.4 9.4 14.0



#36
Benzo(k)fluoranthene
Concen: 0.424 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BN010819.D
Acq: 10 Jun 2020 15:20

Tgt Ion:252 Resp: 10278
Ion Ratio Lower Upper
252 100
253 28.4 22.2 33.4
125 13.0 9.8 14.8





#37

Benzo(a)pyrene

Concen: 0.410 ng

RT: 23.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020

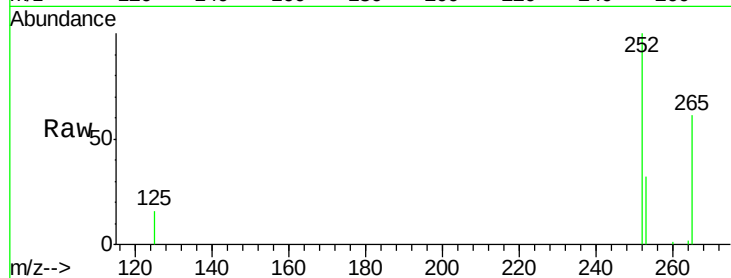
Tot Ion:252 Resp: 8002

Ion Ratio Lower Upper

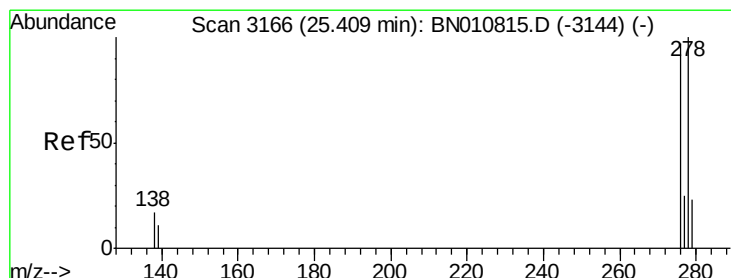
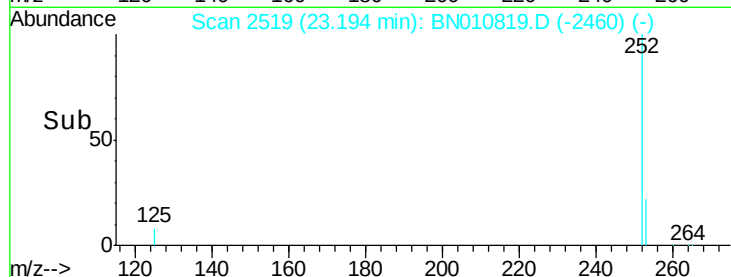
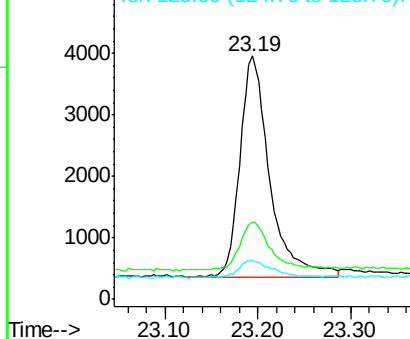
252 100

253 31.7 25.8 38.8

125 16.0 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.413 ng

RT: 25.42 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BN010819.D

Acq: 10 Jun 2020 15:20

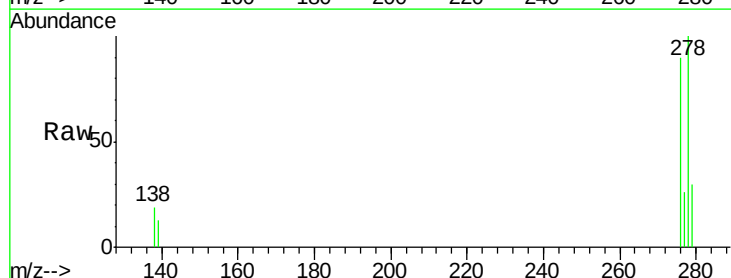
Tgt Ion:278 Resp: 9175

Ion Ratio Lower Upper

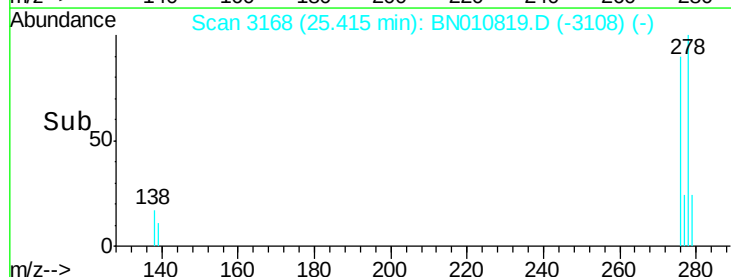
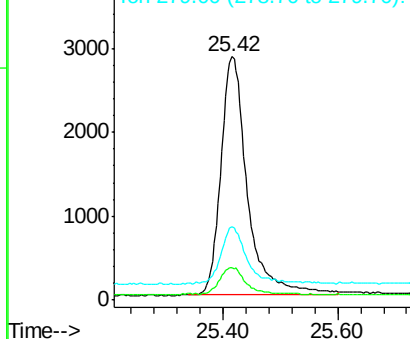
278 100

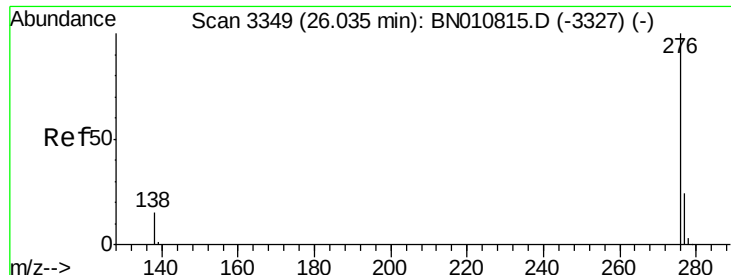
139 13.4 10.6 15.8

279 30.2 23.6 35.4



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: 0.421 ng

RT: 26.04 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BN010819.D

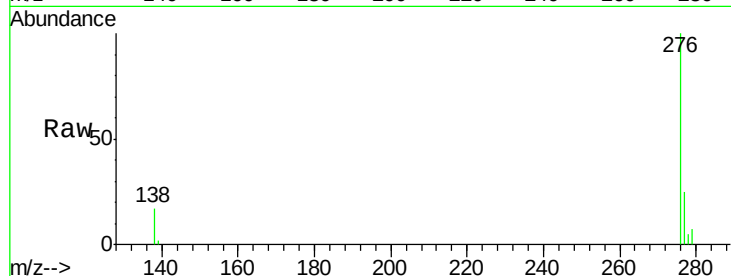
Acq: 10 Jun 2020 15:20

Instrument :

BNA_N

ClientSampleId :

ICVBN061020



Tot Ion: 276 Resp: 9789

Ion Ratio Lower Upper

276 100

277 25.2 20.5 30.7

138 17.0 13.7 20.5

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

