

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010286.D
 Acq On : 19 Mar 2020 12:16
 Operator : CG/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 15:16:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3986	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13711	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	8217	0.40	ng	0.00
19) Phenanthrene-d10	16.99	188	19338	0.40	ng	0.00
27) Chrysene-d12	21.19	240	20525	0.40	ng	0.00
34) Perylene-d12	23.37	264	21485	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3122	0.33	ng	0.00
5) Phenol-d6	6.80	99	3831	0.33	ng	0.00
8) Nitrobenzene-d5	8.74	82	3360	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8581	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1127	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	12749	0.44	ng	0.00
25) Fluoranthene-d10	19.02	212	22251	0.37	ng	0.00
29) Terphenyl-d14	19.63	244	17720	0.38	ng	0.00

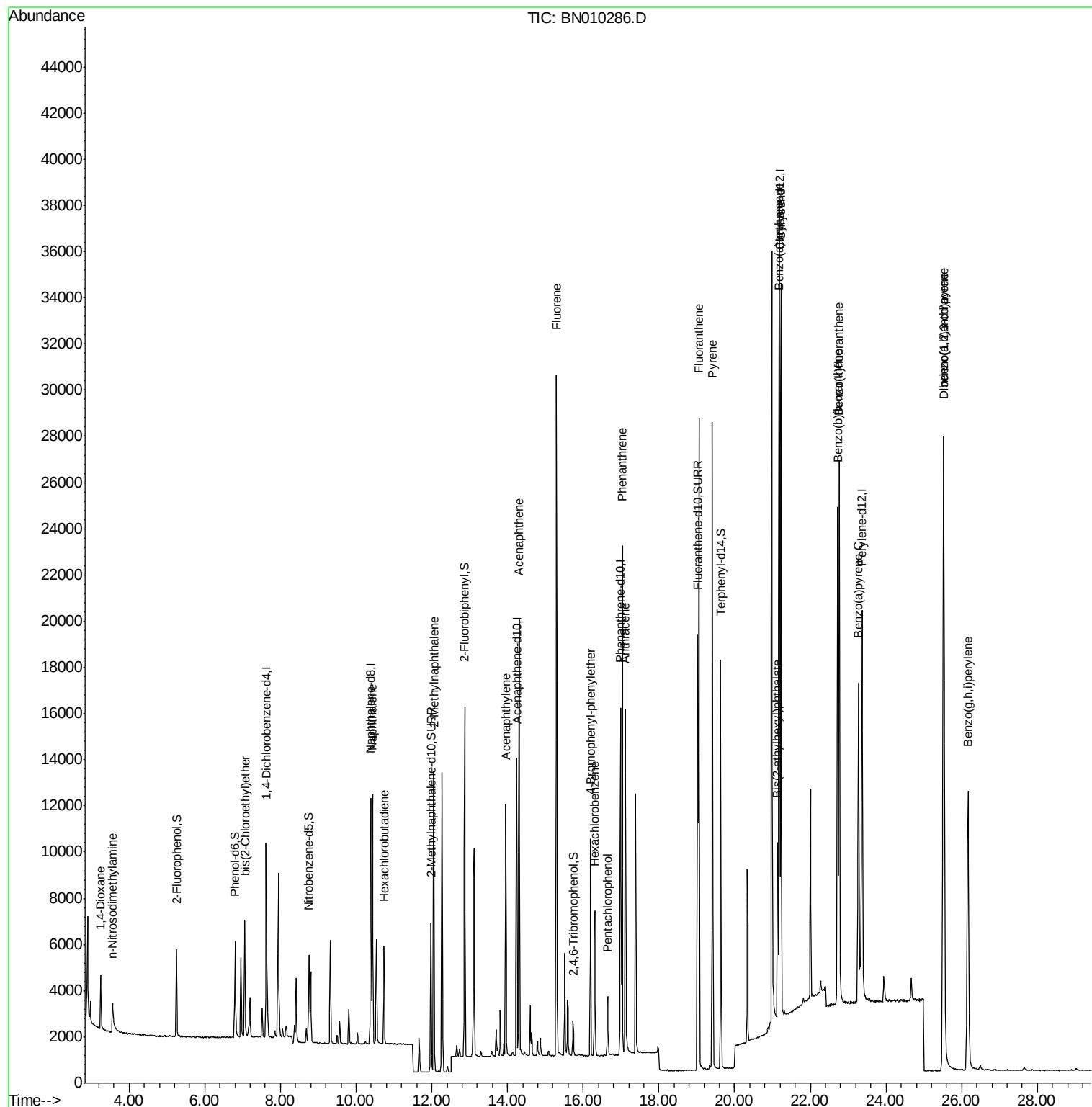
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.25	88	1535	0.395	ng	98
3) n-Nitrosodimethylamine	3.55	42	1193	0.346	ng	99
6) bis(2-Chloroethyl)ether	7.06	93	3821	0.391	ng	100
9) Naphthalene	10.43	128	13763	0.401	ng	100
10) Hexachlorobutadiene	10.73	225	3291	0.416	ng	# 100
12) 2-Methylnaphthalene	12.05	142	9331	0.378	ng	100
16) Acenaphthylene	13.96	152	11971	0.316	ng	100
17) Acenaphthene	14.30	154	9096	0.395	ng	100
18) Fluorene	15.29	166	11822	0.377	ng	100
20) 4-Bromophenyl-phenylether	16.19	248	4609	0.415	ng	100
21) Hexachlorobenzene	16.31	284	4797	0.442	ng	100
22) Pentachlorophenol	16.65	266	1416	0.423	ng	100
23) Phenanthrene	17.03	178	20943	0.408	ng	100
24) Anthracene	17.11	178	17060	0.334	ng	100
26) Fluoranthene	19.05	202	25048	0.385	ng	100
28) Pyrene	19.42	202	25287	0.369	ng	100
30) Benzo(a)anthracene	21.17	228	24994	0.358	ng	100
31) Chrysene	21.23	228	28147	0.410	ng	100
32) Bis(2-ethylhexyl)phthalate	21.13	149	7884	0.265	ng	100
33) Indeno(1,2,3-cd)pyrene	25.52	276	32291	0.396	ng	100
35) Benzo(b)fluoranthene	22.72	252	26511	0.401	ng	100
36) Benzo(k)fluoranthene	22.77	252	28941	0.434	ng	100
37) Benzo(a)pyrene	23.27	252	22381	0.359	ng	100
38) Dibenzo(a,h)anthracene	25.53	278	26772	0.428	ng	100
39) Benzo(g,h,i)perylene	26.16	276	25361	0.406	ng	100

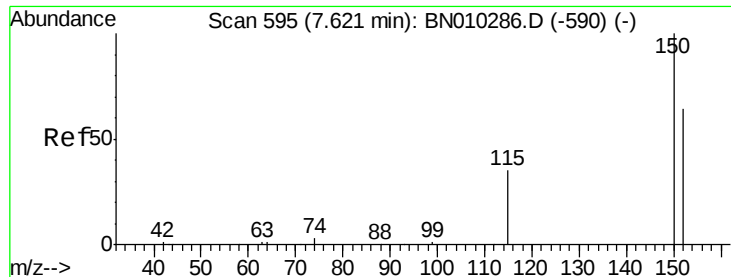
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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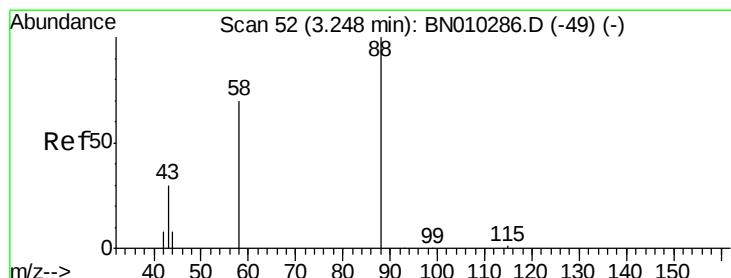
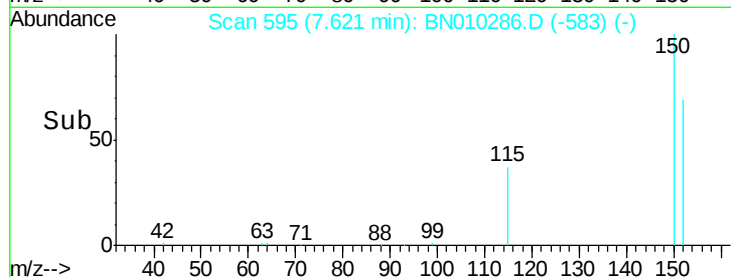
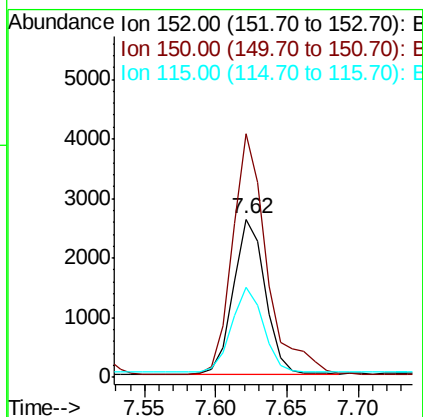
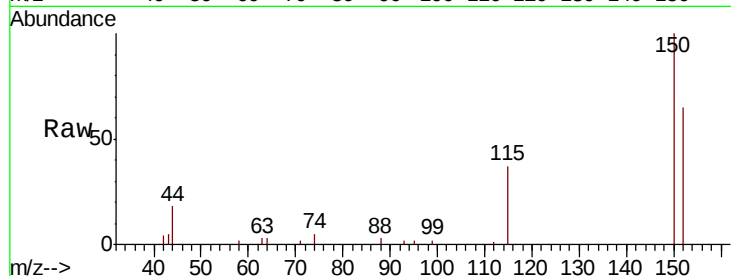


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampled :

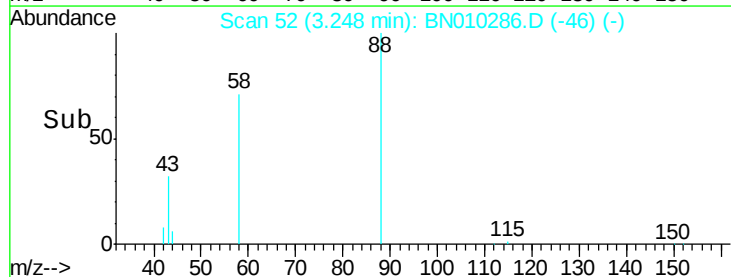
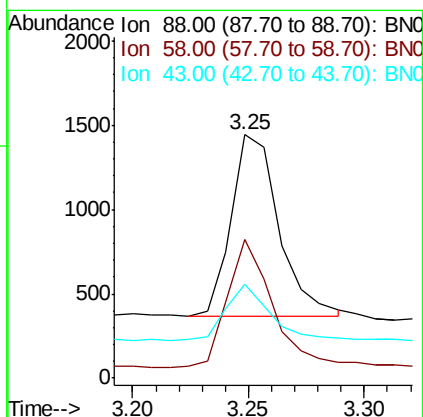
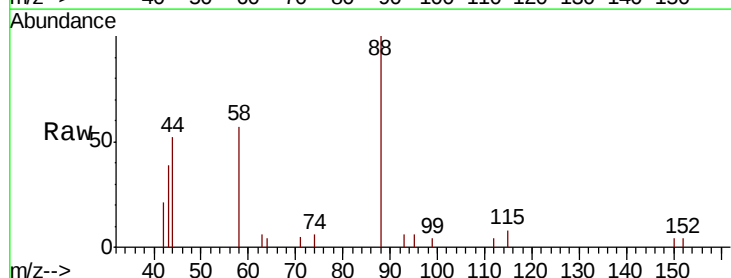
Tot Ion:152 Resp: 3986
Ion Ratio Lower Upper
152 100
150 153.9 123.1 184.7
115 56.5 45.2 67.8

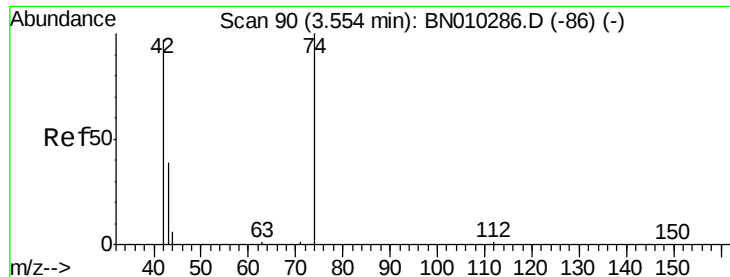


#2

1,4-Dioxane
Concen: 0.395 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion: 88 Resp: 1535
Ion Ratio Lower Upper
88 100
58 65.4 51.7 77.5
43 28.0 21.2 31.8





#3

n-Nitrosodimethylamine

Concen: 0.346 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

Instrument :

BNA_N

ClientSampleId :

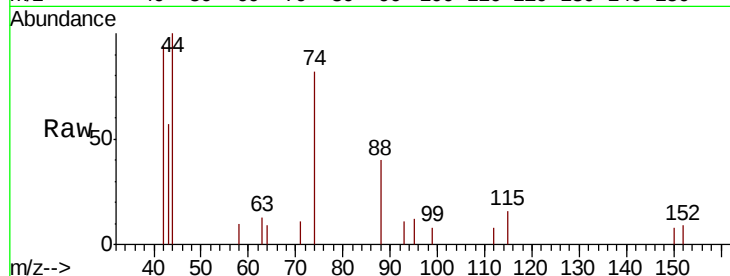
Tot Ion: 42 Resp: 1193

Ion Ratio Lower Upper

42 100

74 122.5 99.4 149.0

44 6.4 4.8 7.2

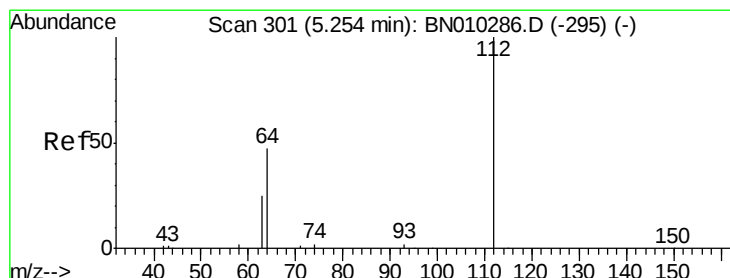
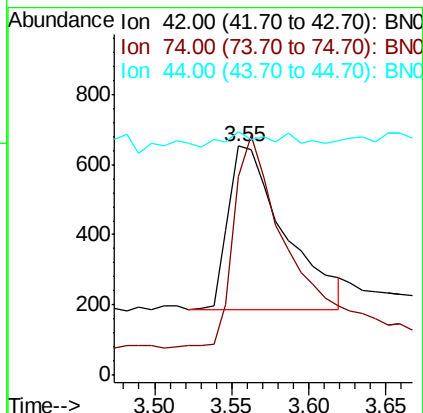
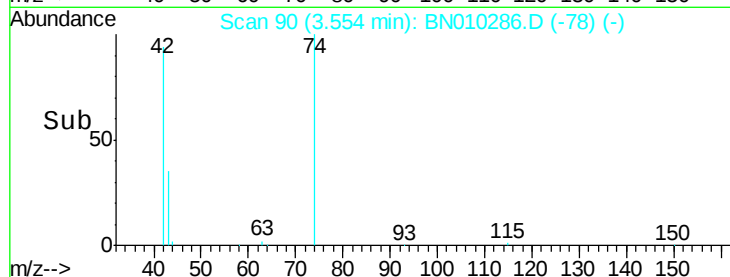


Abundance Ion 42.00 (41.70 to 42.70): BN010286.D (-86) (-)

Ion 74.00 (73.70 to 74.70): BN010286.D (-86) (-)

Ion 44.00 (43.70 to 44.70): BN010286.D (-86) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.334 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

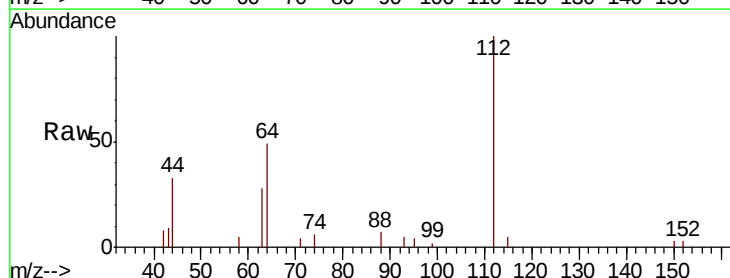
Tgt Ion: 112 Resp: 3122

Ion Ratio Lower Upper

112 100

64 51.8 41.4 62.2

63 28.6 22.9 34.3

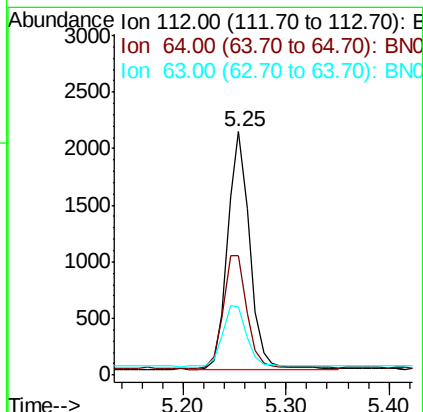
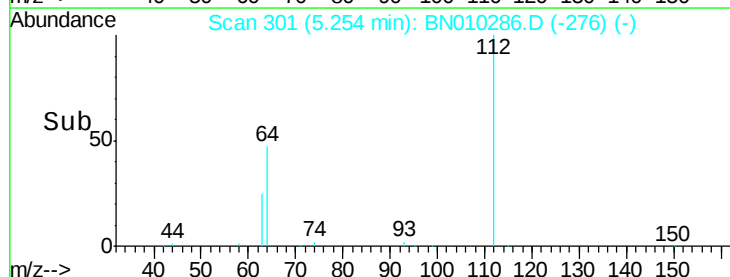


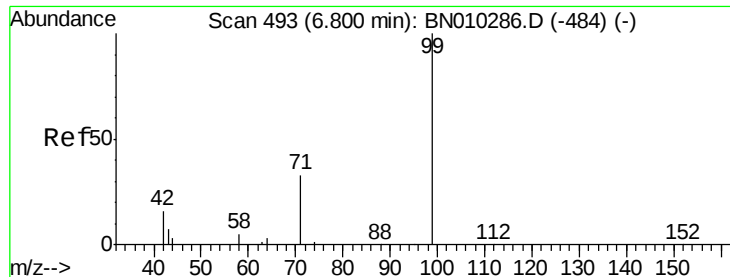
Abundance Ion 112.00 (111.70 to 112.70): BN010286.D (-295) (-)

Ion 64.00 (63.70 to 64.70): BN010286.D (-295) (-)

Ion 63.00 (62.70 to 63.70): BN010286.D (-295) (-)

Time-->





#5

Phenol-d6

Concen: 0.328 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

Instrument :

BNA_N

ClientSampleId :

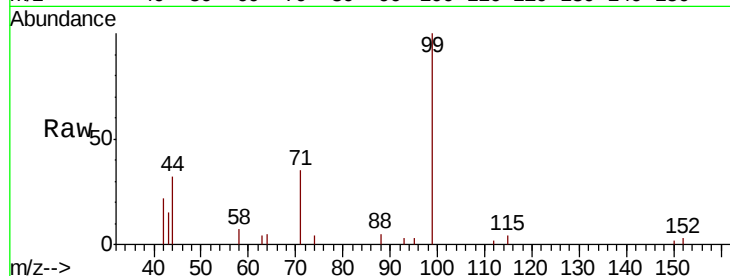
Tot Ion: 99 Resp: 3831

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

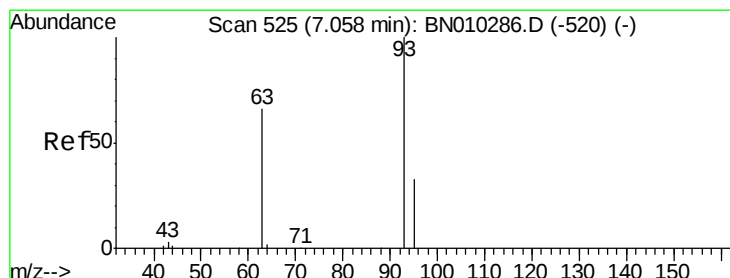
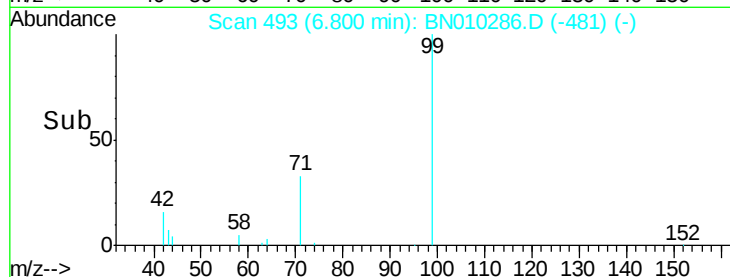
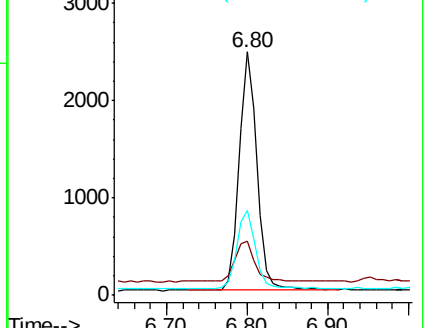
71 34.1 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.391 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

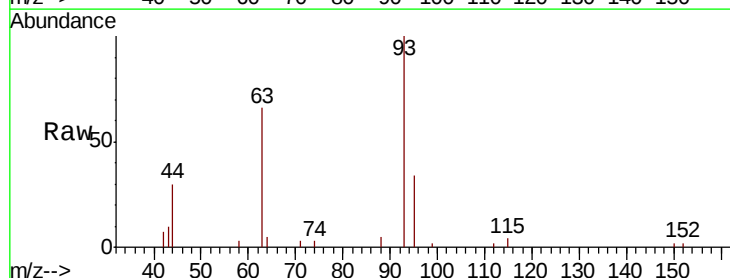
Tgt Ion: 93 Resp: 3821

Ion Ratio Lower Upper

93 100

63 69.5 55.6 83.4

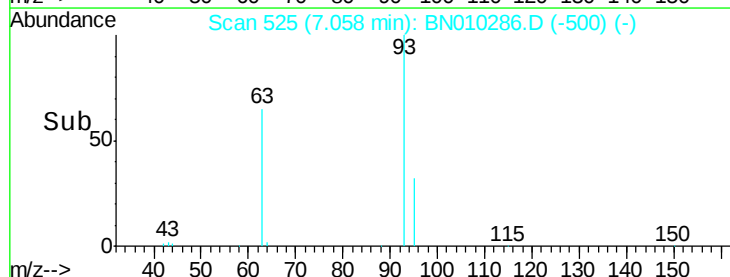
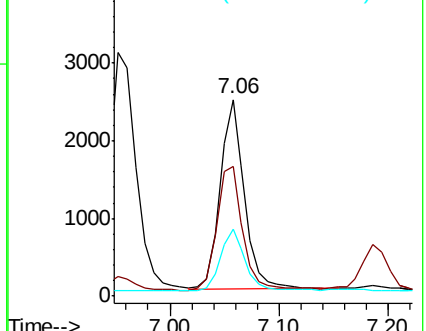
95 32.8 26.2 39.4

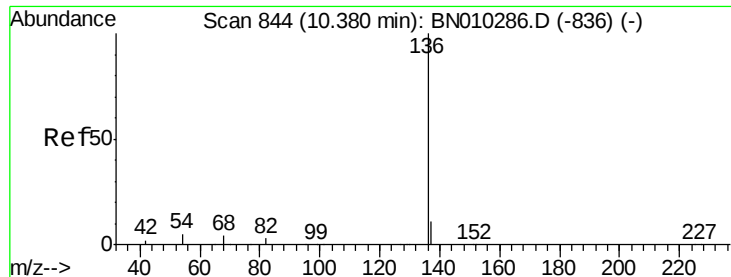


Abundance Ion 93.00 (92.70 to 93.70): BN010286.D (-520) (-)

Ion 63.00 (62.70 to 63.70): BN010286.D (-520) (-)

Ion 95.00 (94.70 to 95.70): BN010286.D (-520) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13711

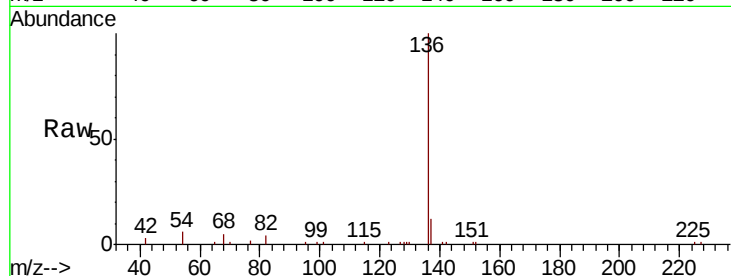
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 6.0 4.8 7.2

68 5.1 4.1 6.1

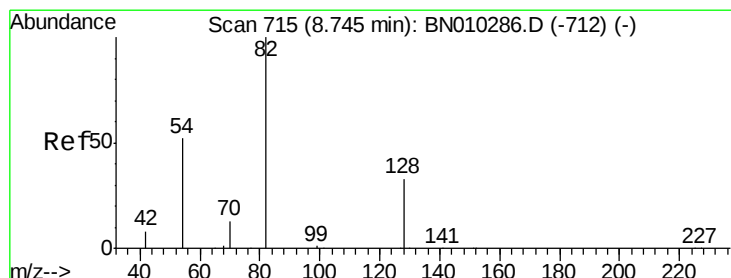
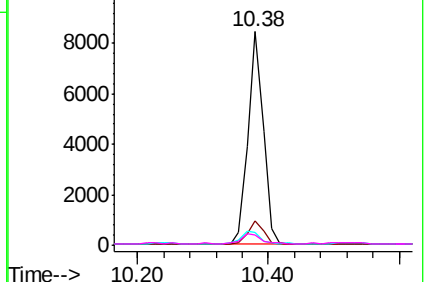
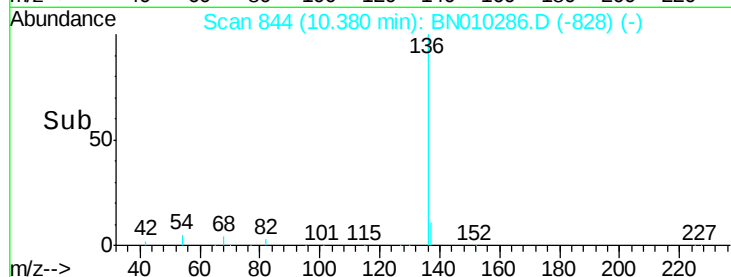


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

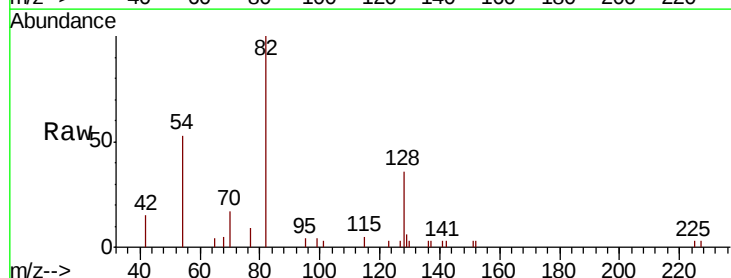
Tgt Ion: 82 Resp: 3360

Ion Ratio Lower Upper

82 100

128 36.0 28.8 43.2

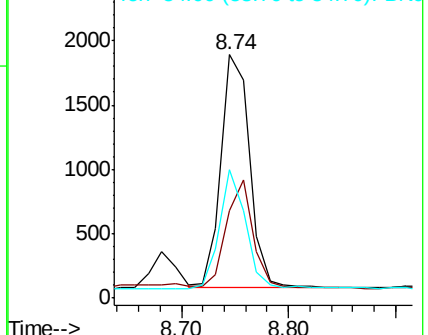
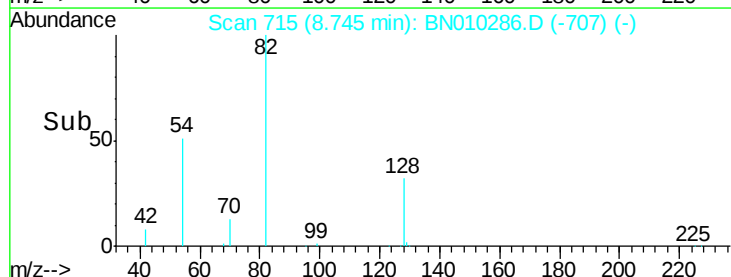
54 52.6 42.1 63.1

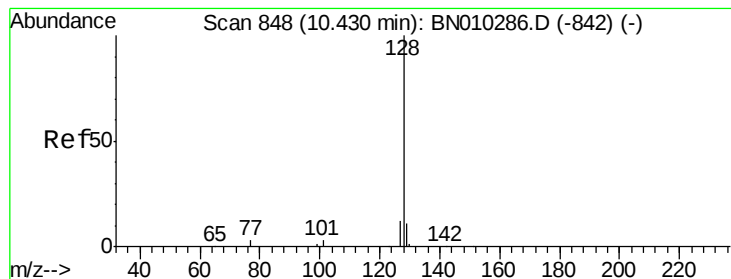


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

Instrument :

BNA_N

ClientSampled :

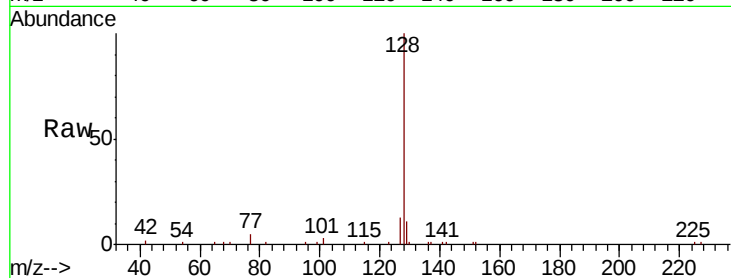
Tot Ion:128 Resp: 13763

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

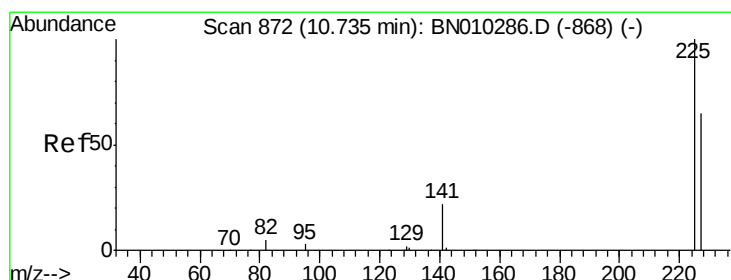
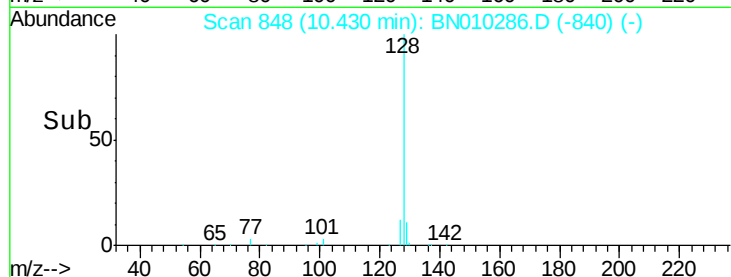
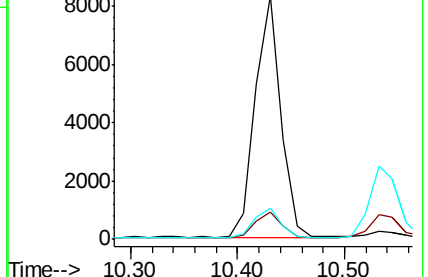
127 13.0 10.4 15.6



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: 0.416 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

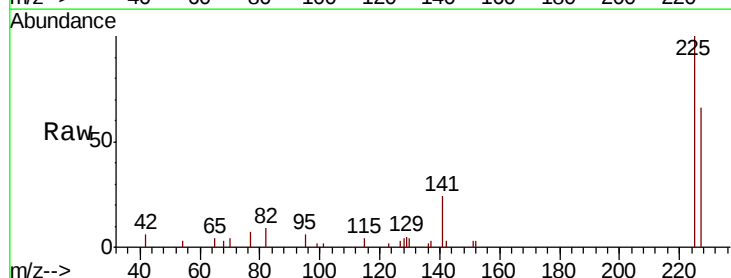
Tgt Ion:225 Resp: 3291

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

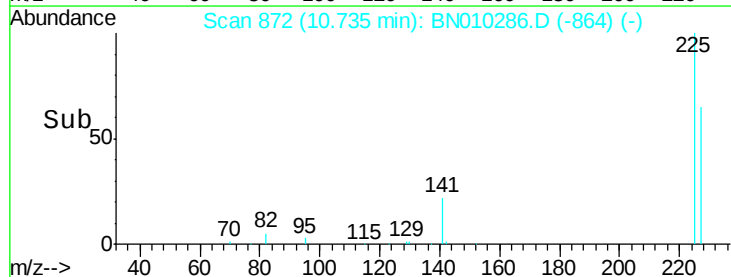
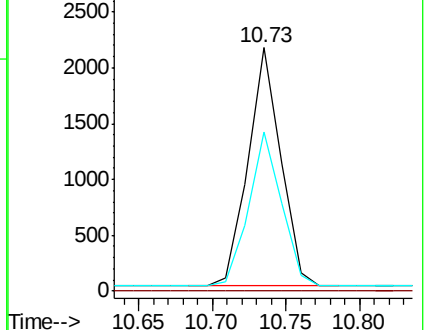
227 64.9 51.9 77.9

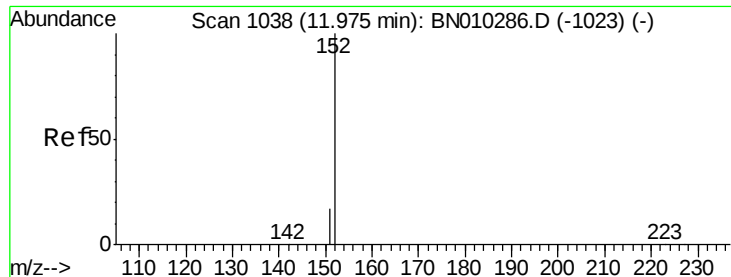


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

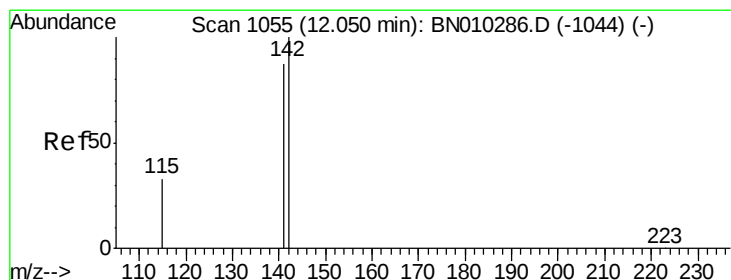
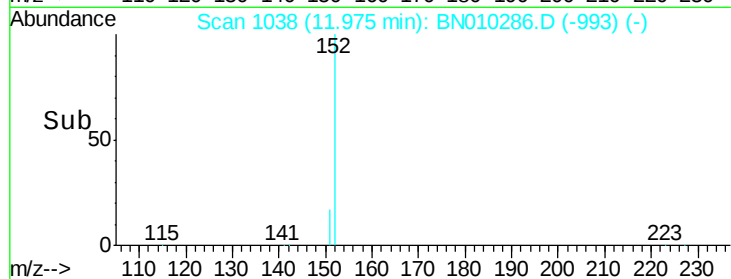
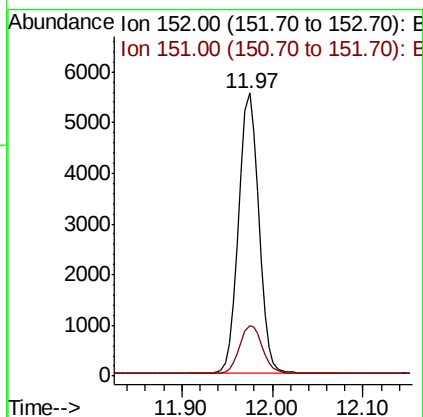
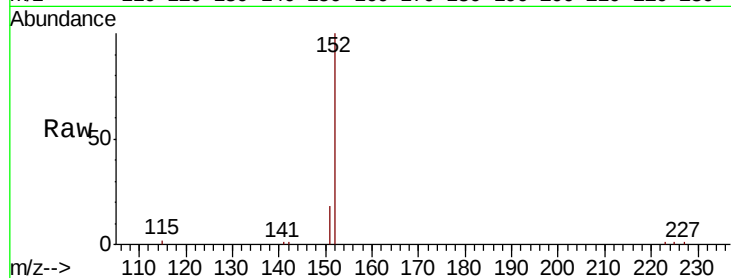




#11
 2-Methylnaphthalene-d10
 Concen: 0.379 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BN010286.D
 Acq: 19 Mar 2020 12:16

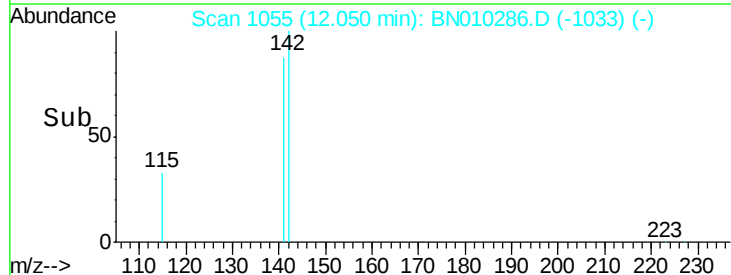
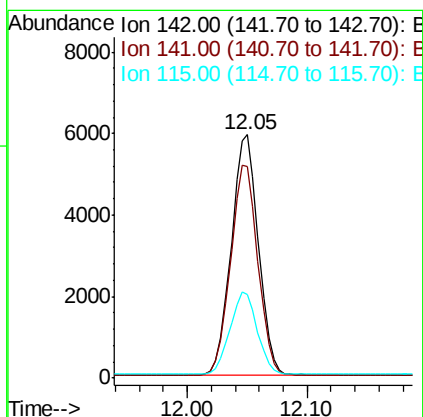
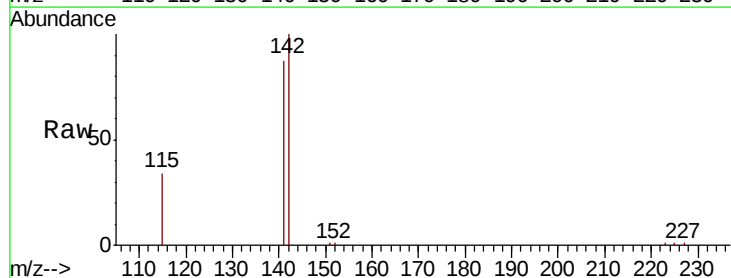
Instrument :
 BNA_N
 ClientSampleId :

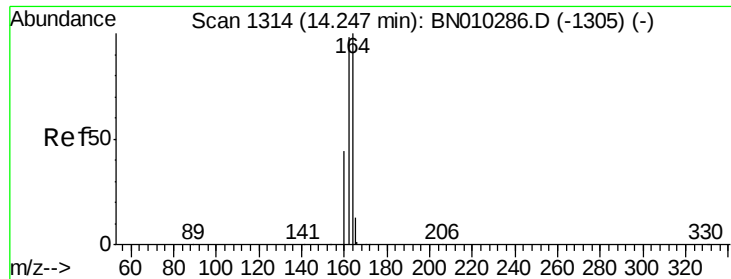
Tot Ion:152 Resp: 8581
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.378 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BN010286.D
 Acq: 19 Mar 2020 12:16

Tgt Ion:142 Resp: 9331
 Ion Ratio Lower Upper
 142 100
 141 86.9 69.5 104.3
 115 34.4 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

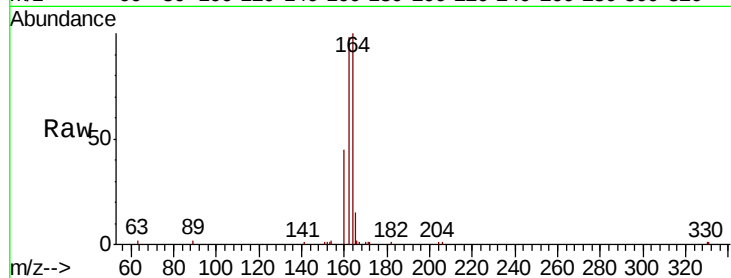
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 8217

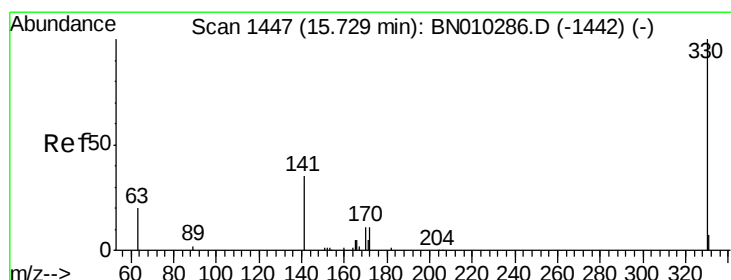
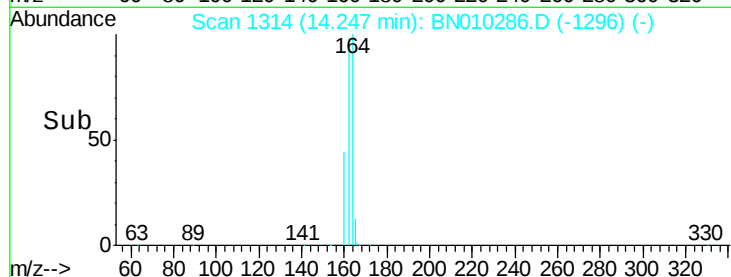
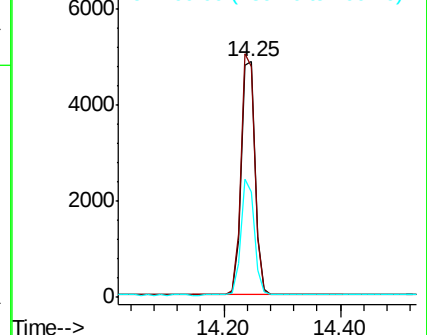
Ion	Ratio	Lower	Upper
164	100		
162	97.7	78.2	117.2
160	44.7	35.8	53.6



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: 0.383 ng

RT: 15.73 min Scan# 1447

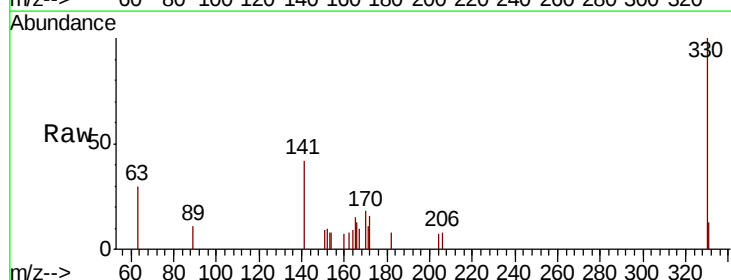
Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

Tgt Ion:330 Resp: 1127

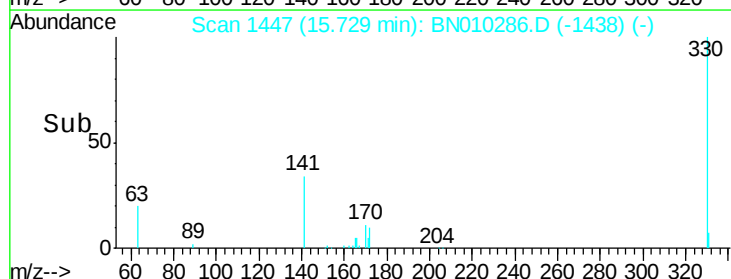
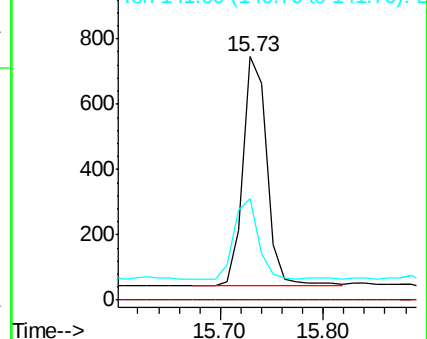
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.6	29.3	43.9

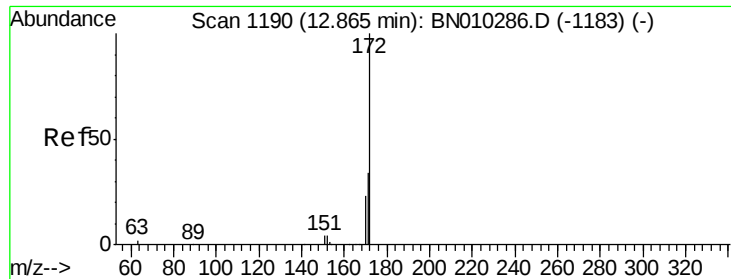


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

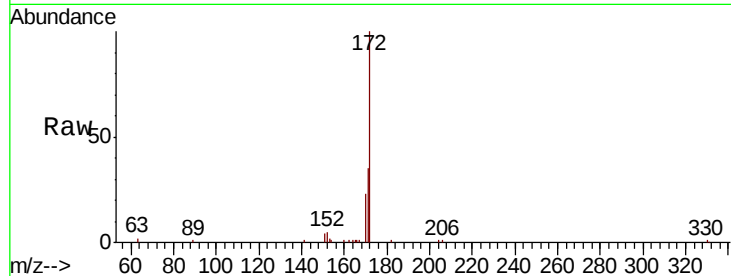




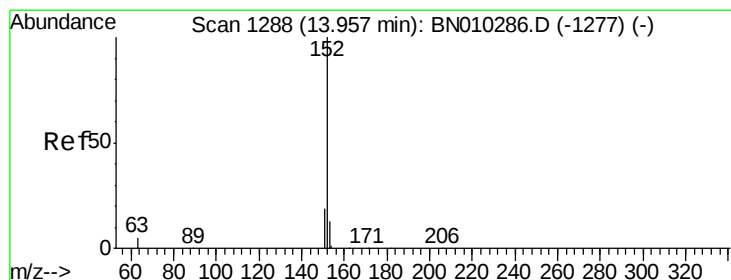
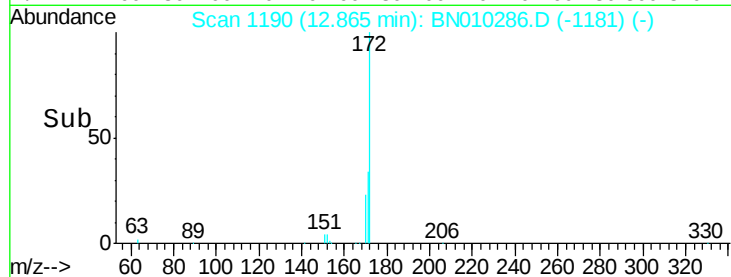
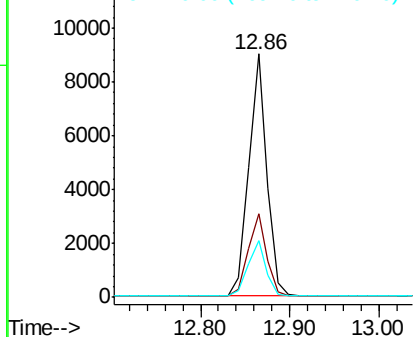
#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 12749
Ion Ratio Lower Upper
172 100
171 34.5 27.6 41.4
170 23.1 18.5 27.7

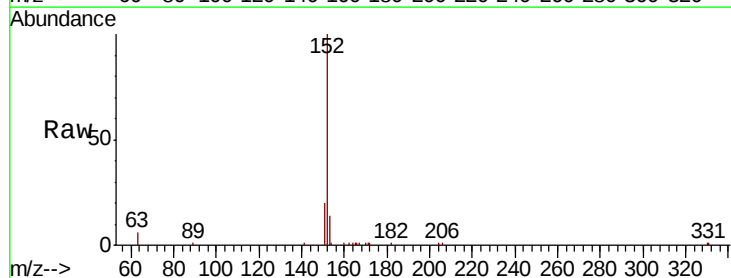


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

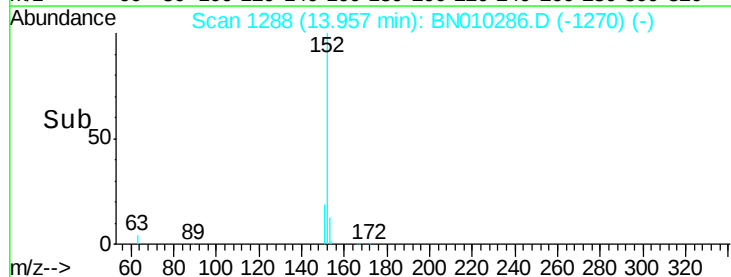
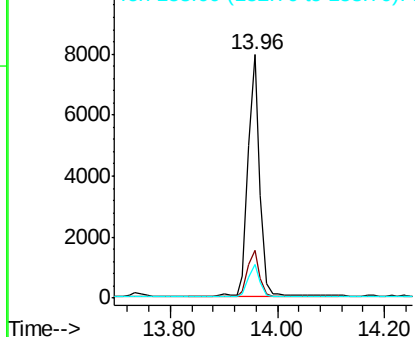


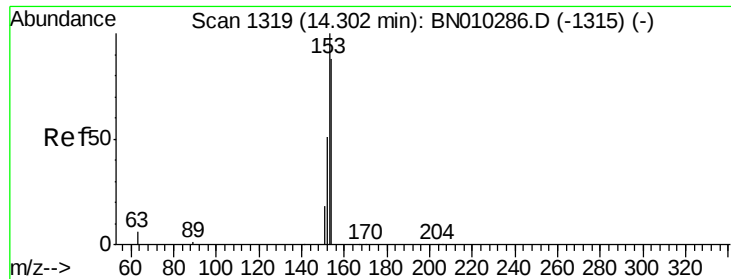
#16
Acenaphthylene
Concen: 0.316 ng
RT: 13.96 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:152 Resp: 11971
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.2 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

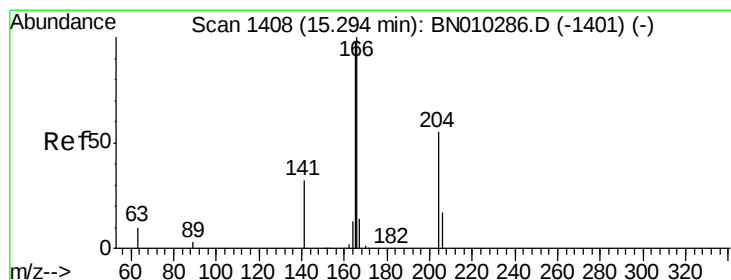
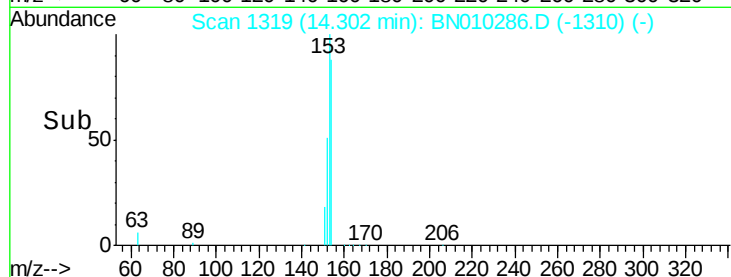
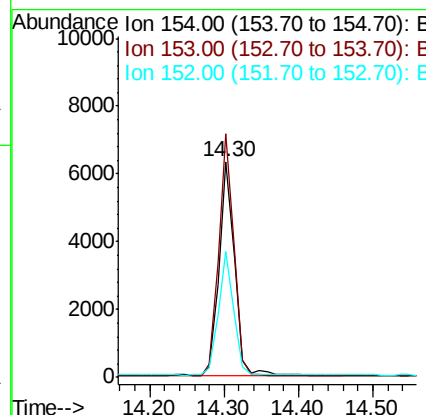
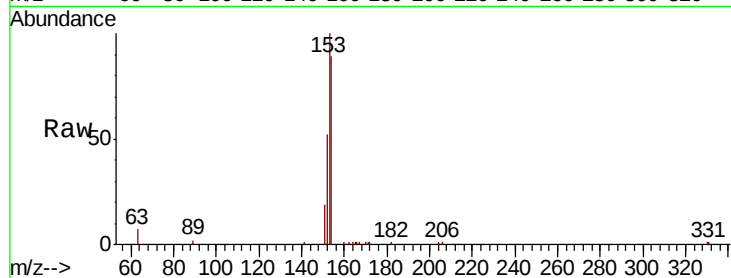




#17
Acenaphthene
Concen: 0.395 ng
RT: 14.30 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

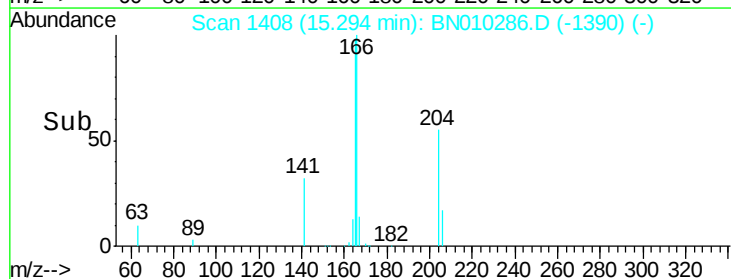
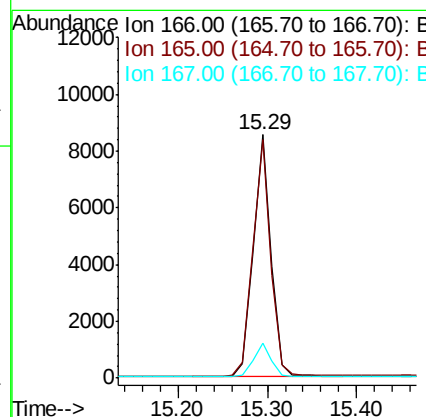
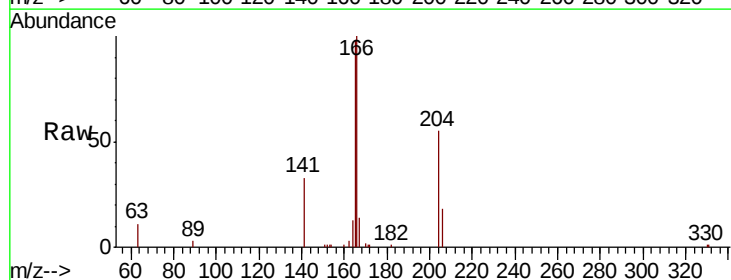
Instrument :
BNA_N
ClientSampleId :

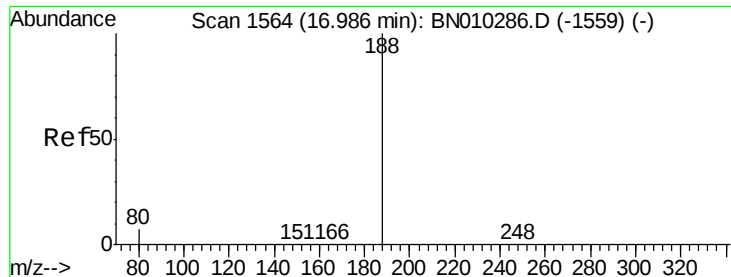
Tot Ion:154 Resp: 9096
Ion Ratio Lower Upper
154 100
153 110.1 88.1 132.1
152 56.9 45.5 68.3



#18
Fluorene
Concen: 0.377 ng
RT: 15.29 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:166 Resp: 11822
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 13.7 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

Instrument :

BNA_N

ClientSampleId :

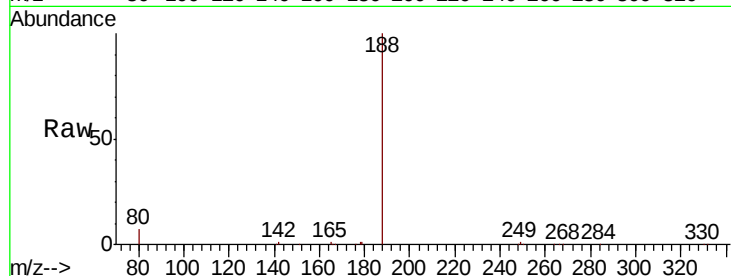
Tot Ion:188 Resp: 19338

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

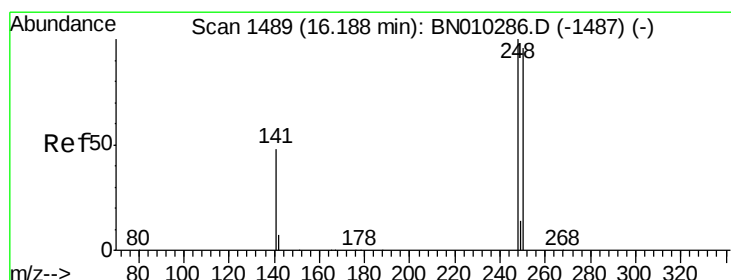
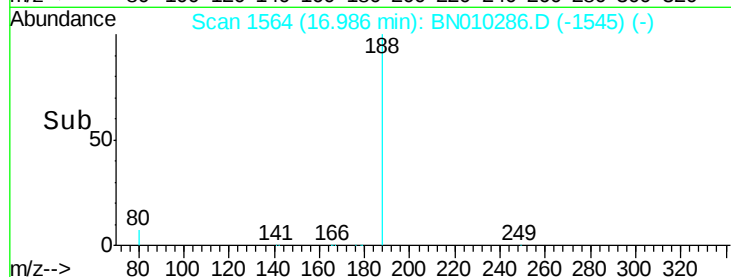
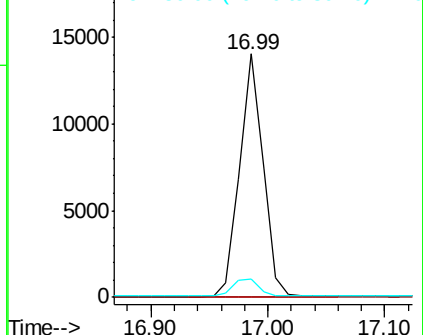
80 7.5 6.0 9.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.415 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

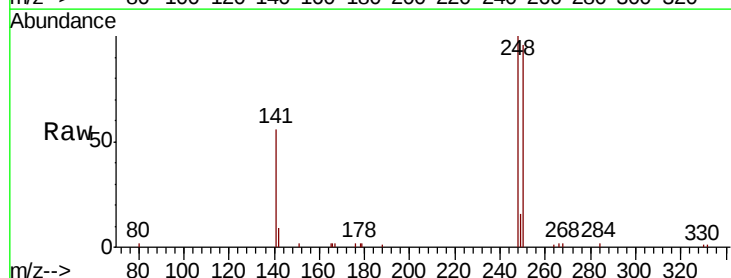
Tgt Ion:248 Resp: 4609

Ion Ratio Lower Upper

248 100

250 96.0 76.8 115.2

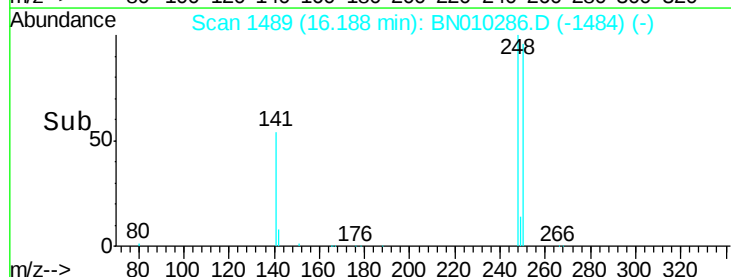
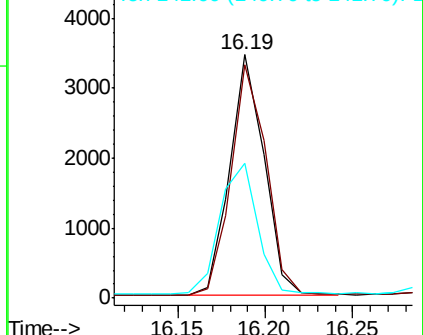
141 55.5 44.4 66.6

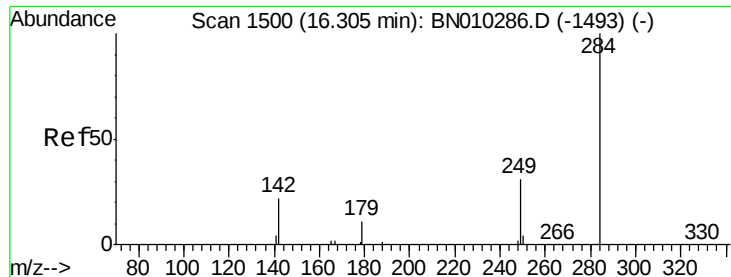


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

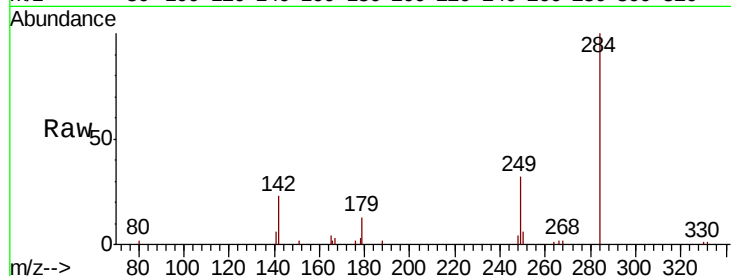




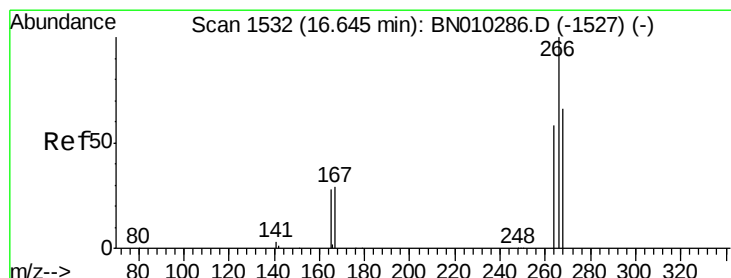
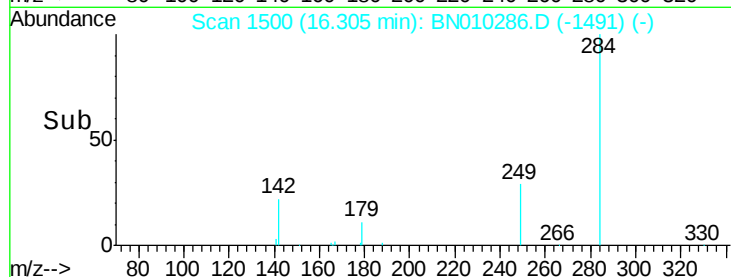
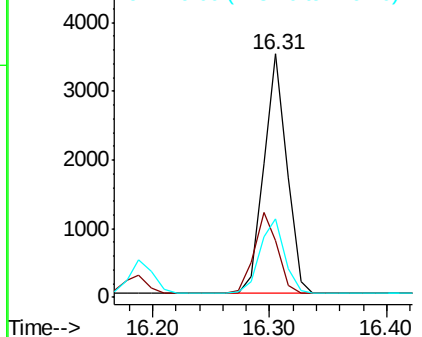
#21
Hexachlorobenzene
Concen: 0.442 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 4797
Ion Ratio Lower Upper
284 100
142 34.3 27.4 41.2
249 33.1 26.5 39.7

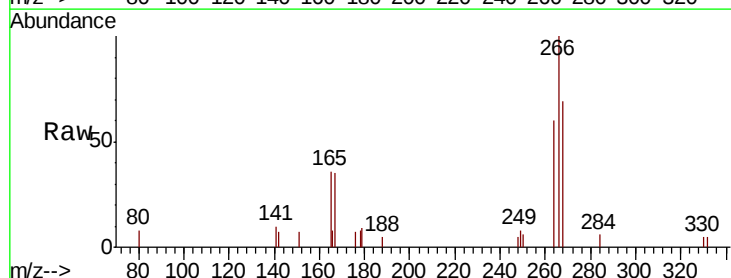


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

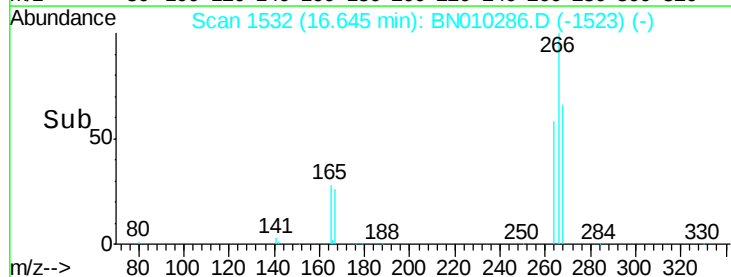
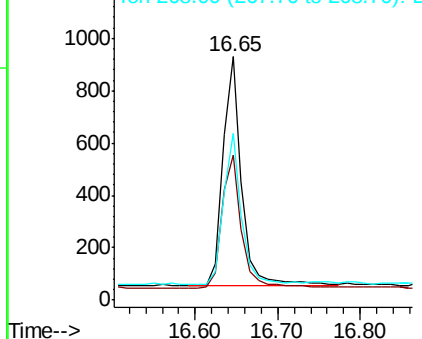


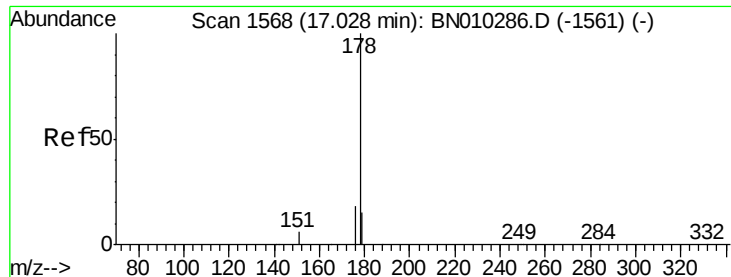
#22
Pentachlorophenol
Concen: 0.423 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:266 Resp: 1416
Ion Ratio Lower Upper
266 100
264 59.6 47.7 71.5
268 68.6 54.9 82.3



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: 0.408 ng

RT: 17.03 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

Instrument :

BNA_N

ClientSampleId :

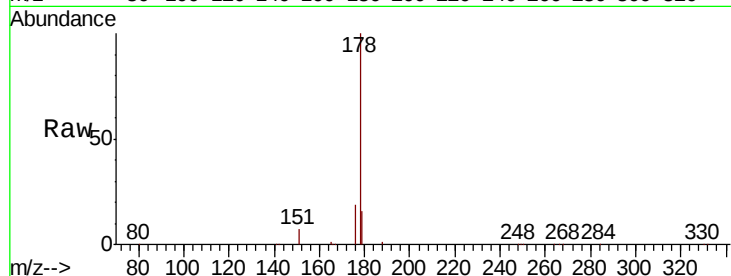
Tot Ion:178 Resp: 20943

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

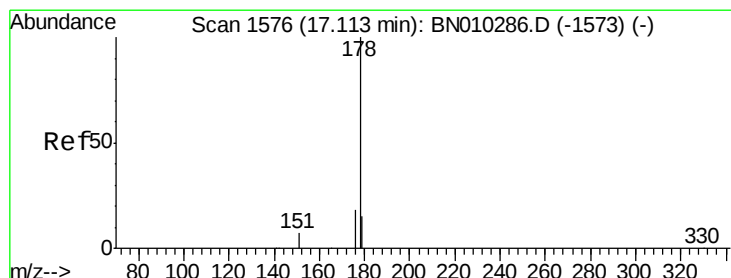
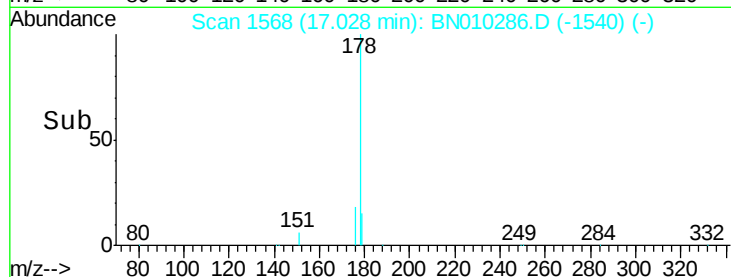
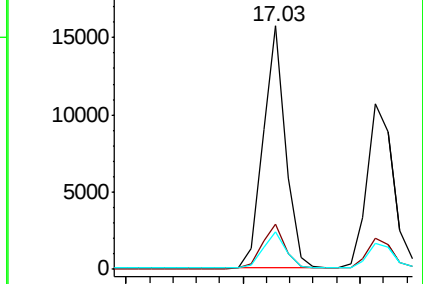
179 15.5 12.4 18.6



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: 0.334 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

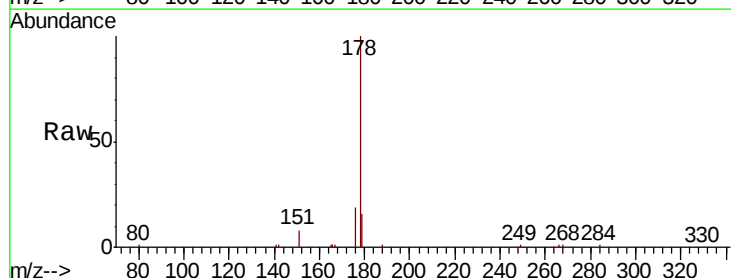
Tgt Ion:178 Resp: 17060

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

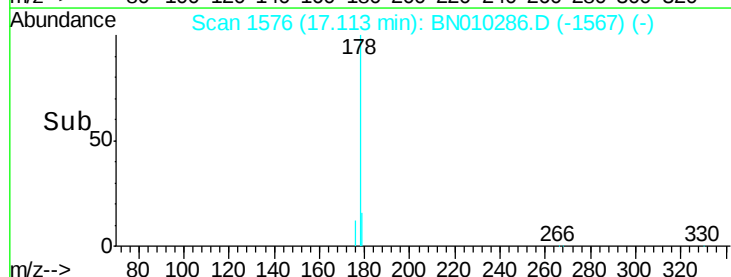
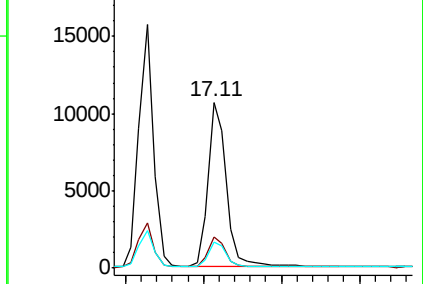
179 15.4 12.3 18.5

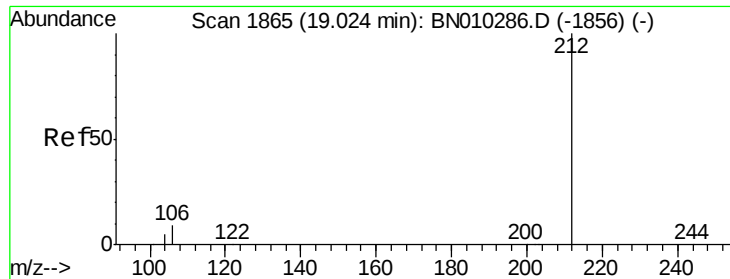


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

Instrument :

BNA_N

ClientSampleId :

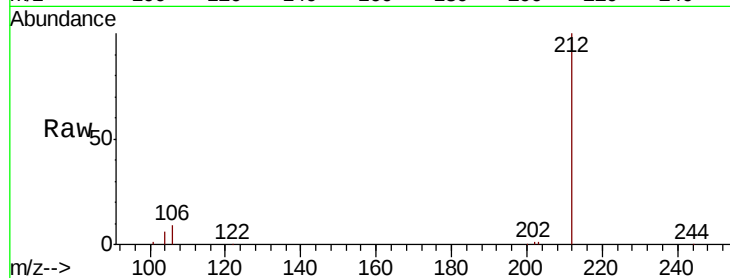
Tot Ion:212 Resp: 22251

Ion Ratio Lower Upper

212 100

106 9.3 7.4 11.2

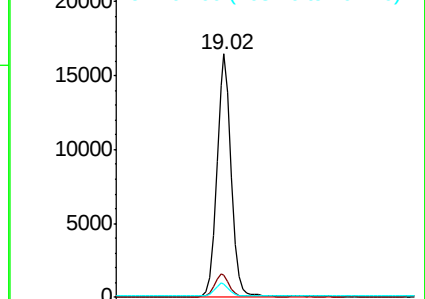
104 5.3 4.2 6.4



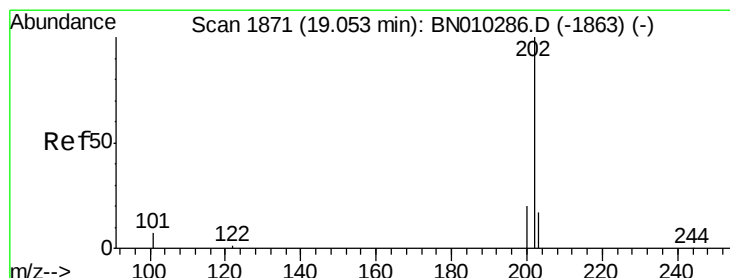
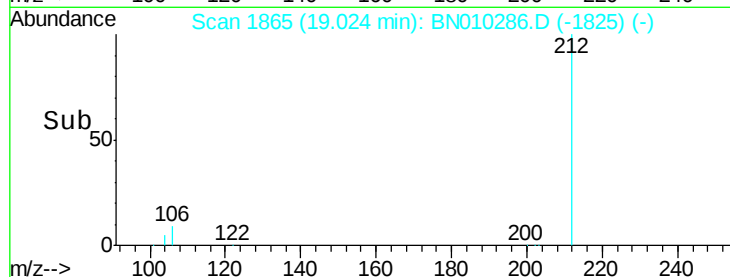
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.90 19.00 19.10 19.20



#26

Fluoranthene

Concen: 0.385 ng

RT: 19.05 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

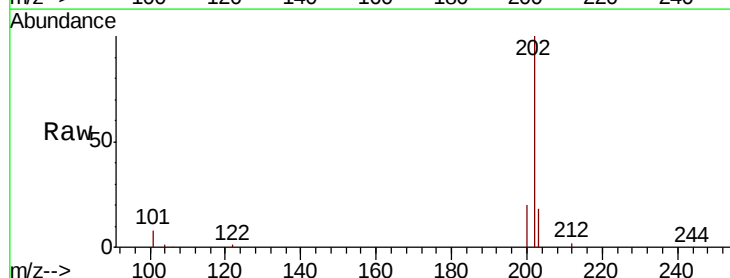
Tgt Ion:202 Resp: 25048

Ion Ratio Lower Upper

202 100

101 8.2 6.6 9.8

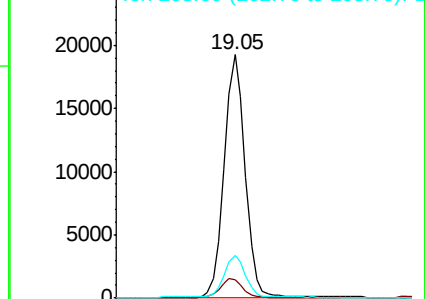
203 17.3 13.8 20.8



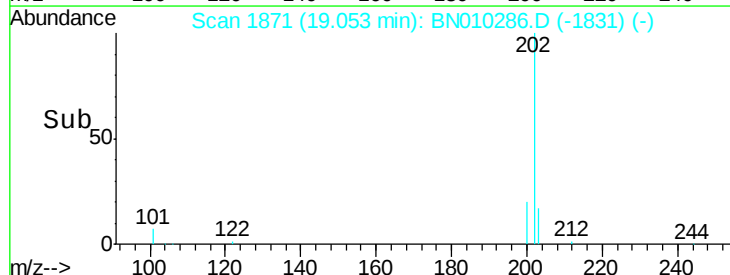
Abundance Ion 202.00 (201.70 to 202.70): E

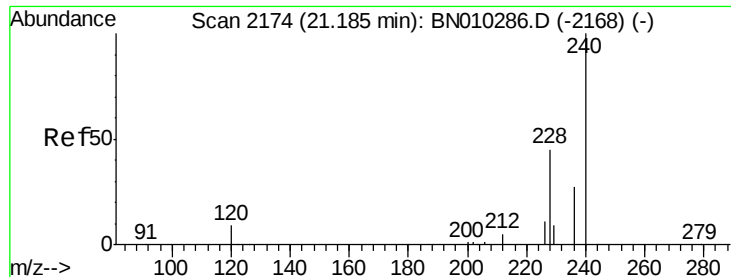
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.00 19.10

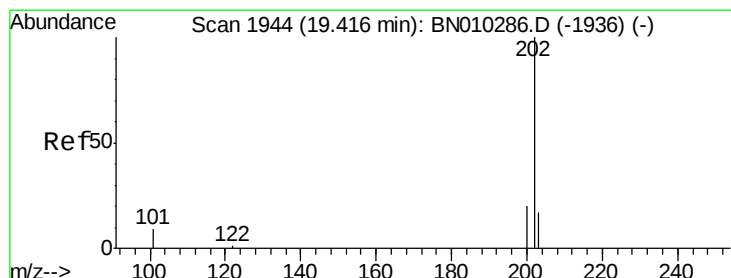
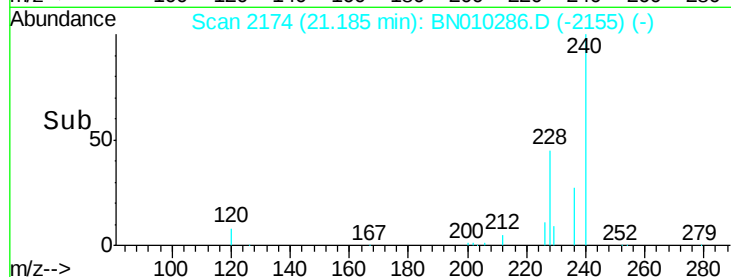
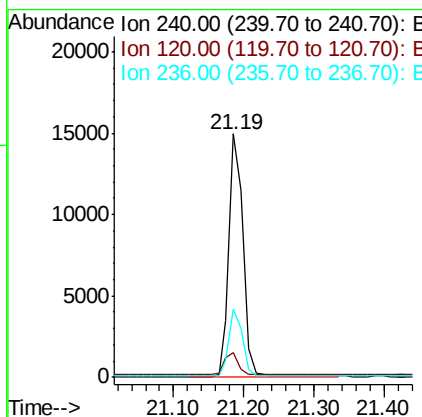
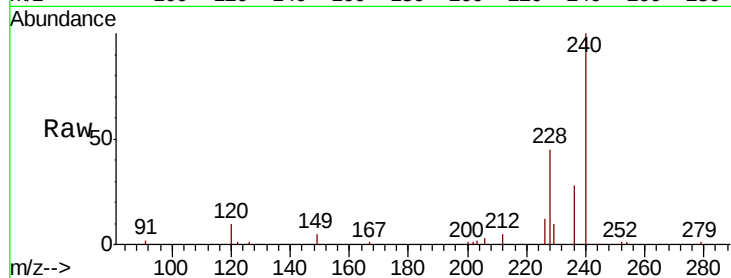




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

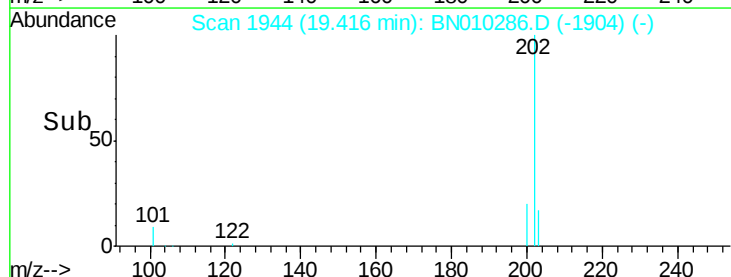
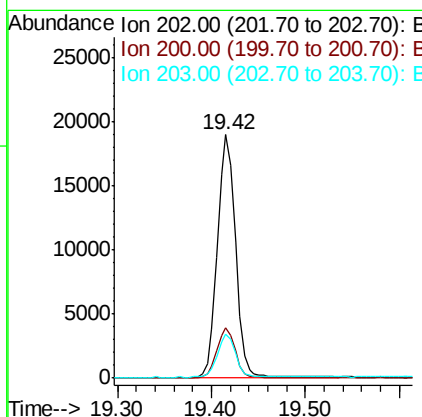
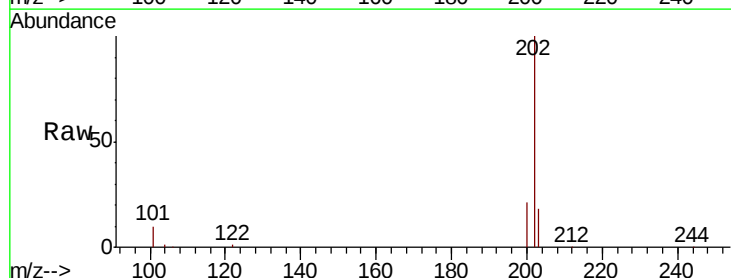
Instrument :
BNA_N
ClientSampleId :

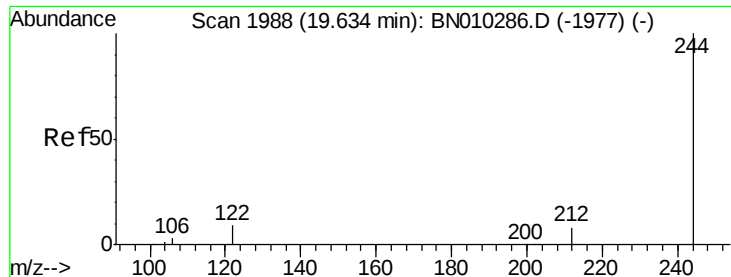
Tot Ion:240 Resp: 20525
Ion Ratio Lower Upper
240 100
120 9.9 7.9 11.9
236 27.8 22.2 33.4



#28
Pyrene
Concen: 0.369 ng
RT: 19.42 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:202 Resp: 25287
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 17.7 14.2 21.2





#29

Terphenyl-d14

Concen: 0.379 ng

RT: 19.63 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

Instrument :

BNA_N

ClientSampleId :

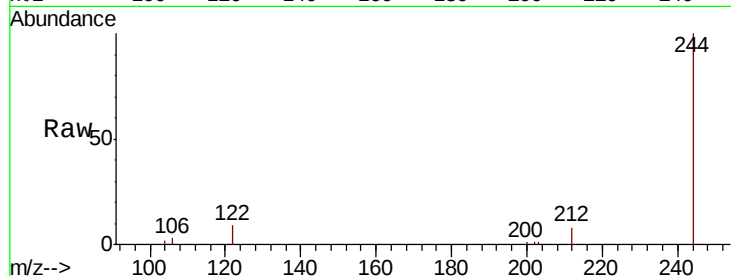
Tot Ion:244 Resp: 17720

Ion Ratio Lower Upper

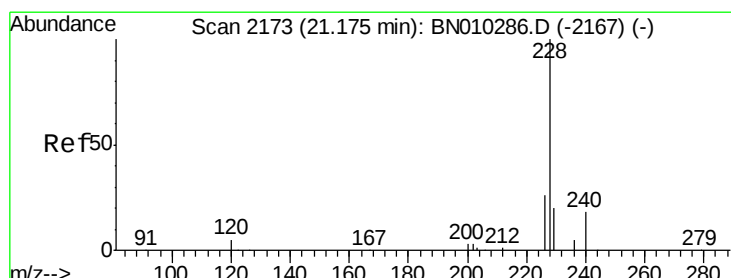
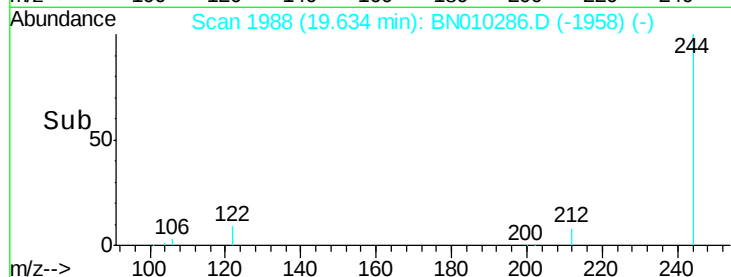
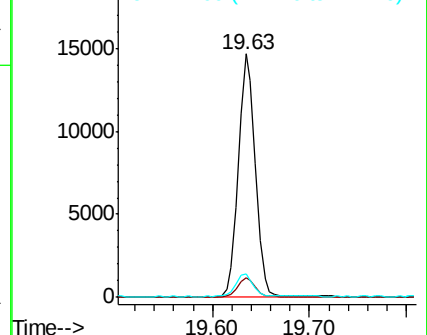
244 100

212 7.9 6.3 9.5

122 9.5 7.6 11.4



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: 0.358 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

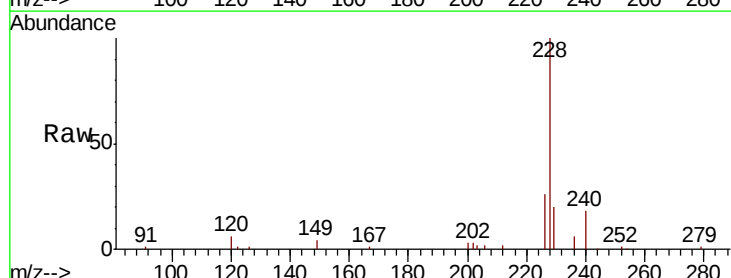
Tgt Ion:228 Resp: 24994

Ion Ratio Lower Upper

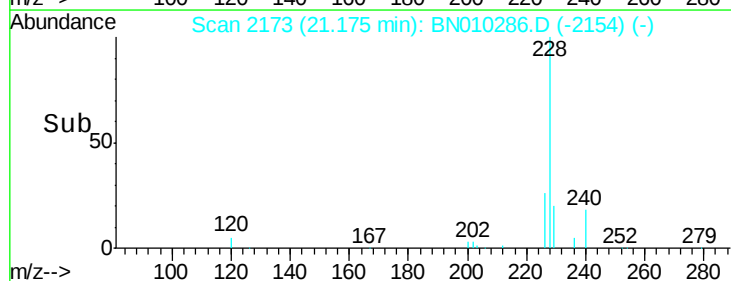
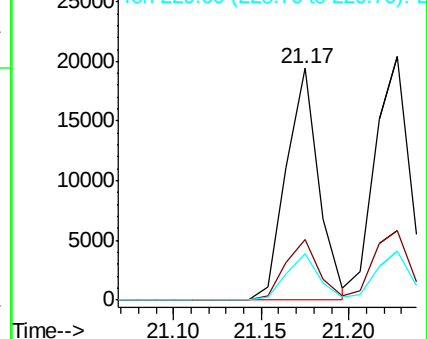
228 100

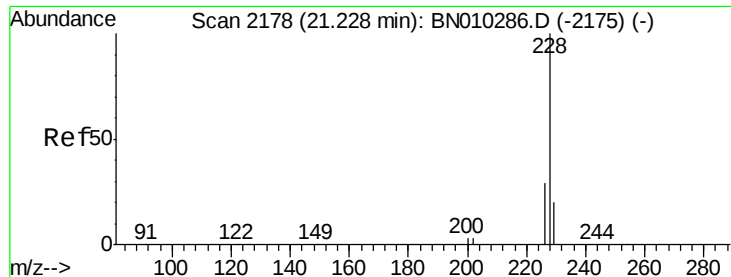
226 26.2 21.0 31.4

229 20.0 16.0 24.0



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

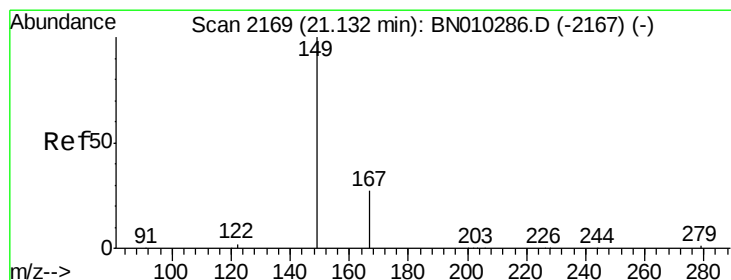
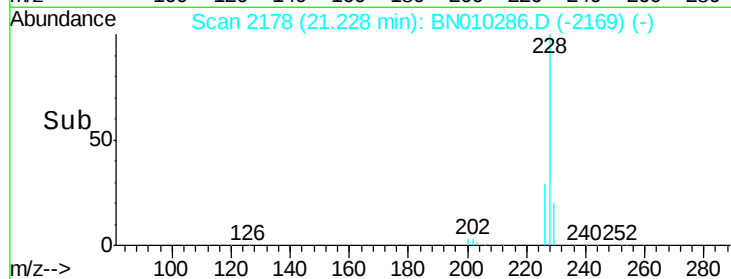
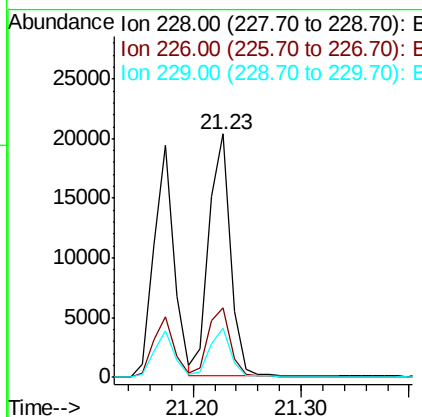
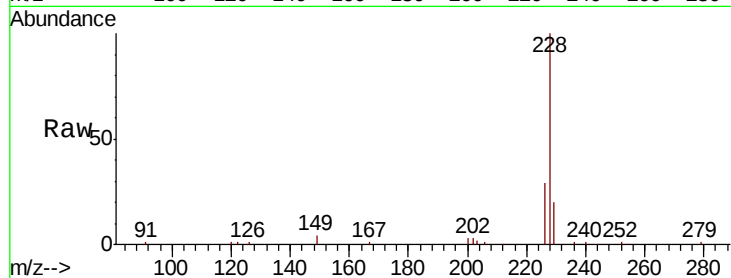




#31
 Chrysene
 Concen: 0.410 ng
 RT: 21.23 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BN010286.D
 Acq: 19 Mar 2020 12:16

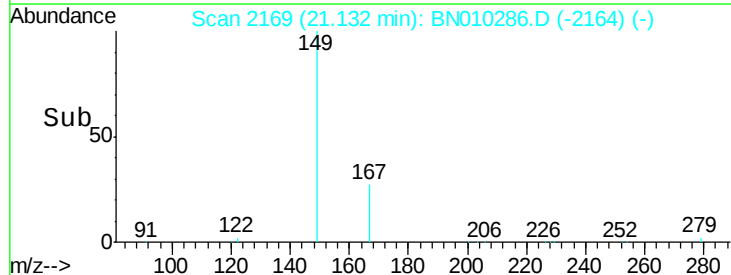
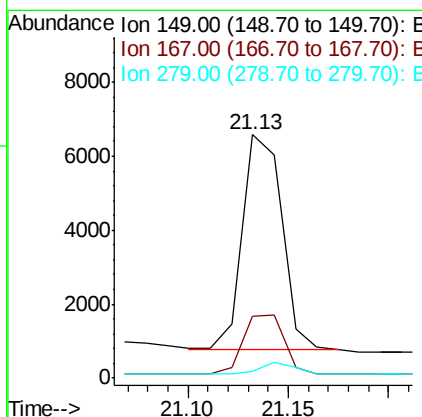
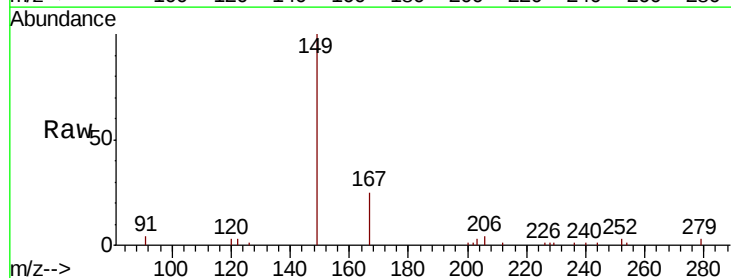
Instrument :
 BNA_N
 ClientSampleId :

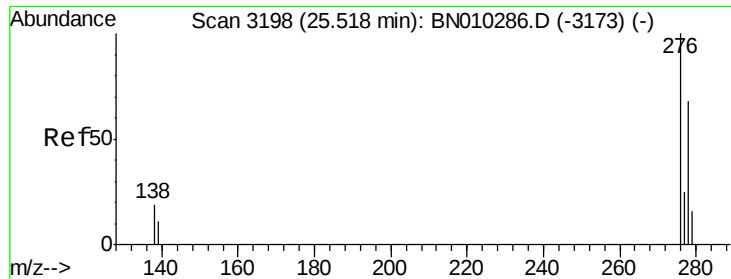
Tot Ion:228 Resp: 28147
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.0 34.6
 229 20.0 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.265 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN010286.D
 Acq: 19 Mar 2020 12:16

Tgt Ion:149 Resp: 7884
 Ion Ratio Lower Upper
 149 100
 167 29.0 23.0 34.6
 279 4.8 3.8 5.8

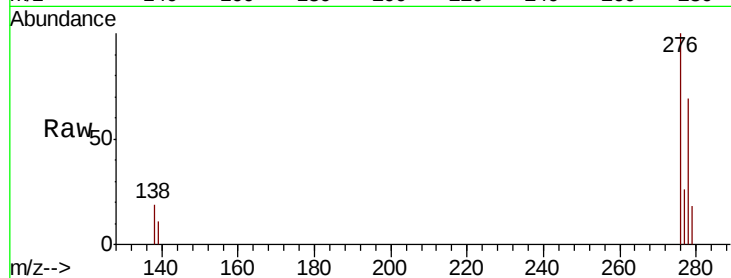




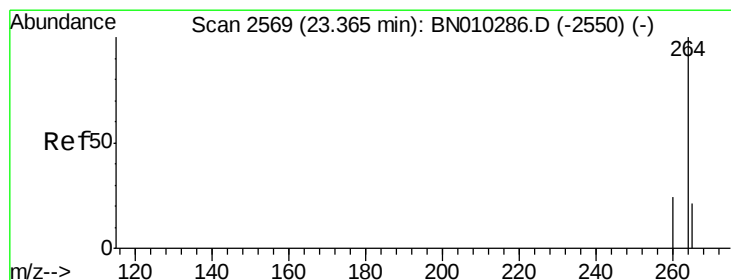
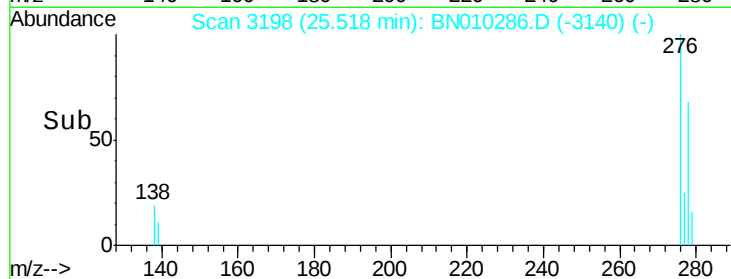
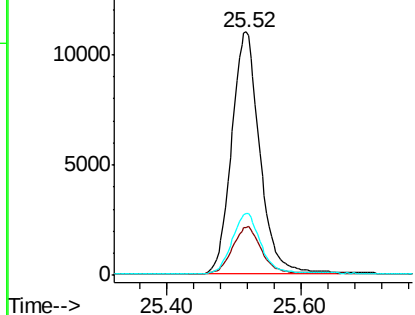
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 25.52 min Scan# 3198
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 32291
Ion Ratio Lower Upper
276 100
138 19.5 15.6 23.4
277 25.1 20.1 30.1

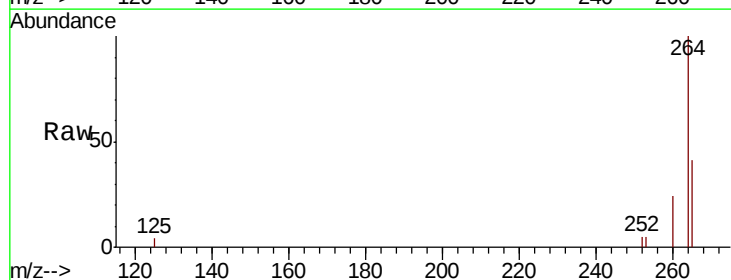


Abundance Ion 276.00 (275.70 to 276.70): E
15000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

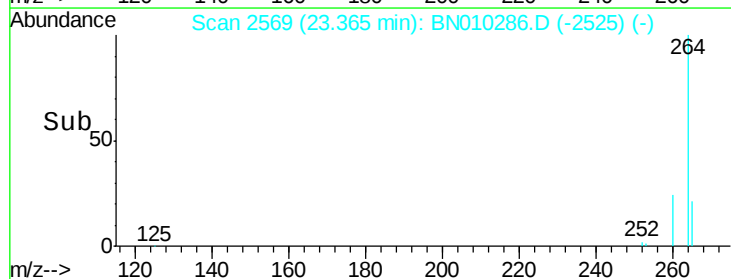
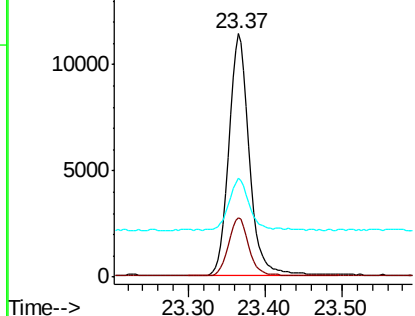


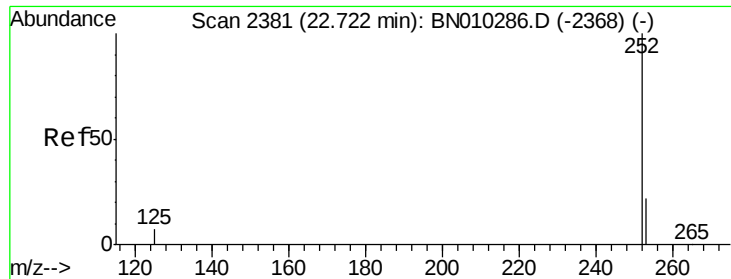
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.37 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:264 Resp: 21485
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 40.5 32.4 48.6



Abundance Ion 264.00 (263.70 to 264.70): E
15000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

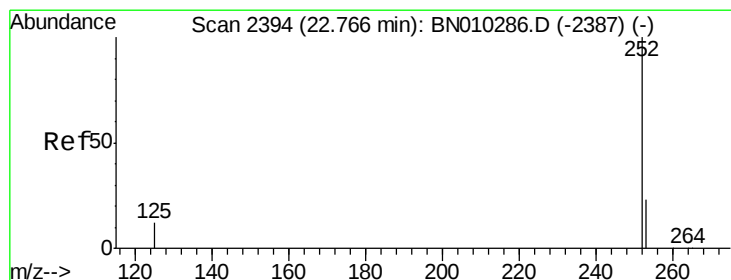
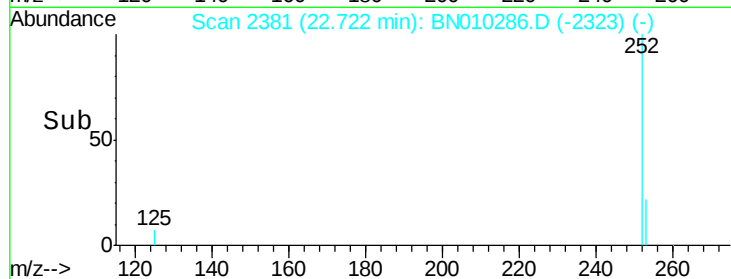
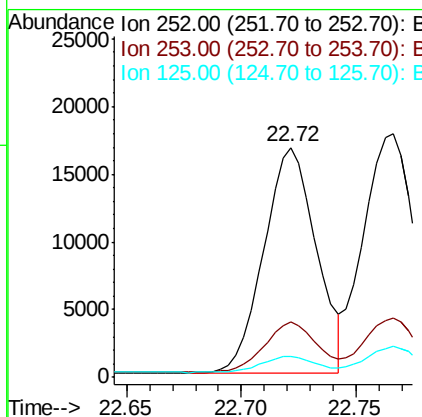
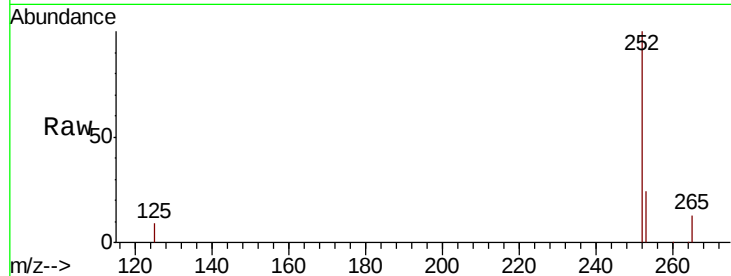




#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.72 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

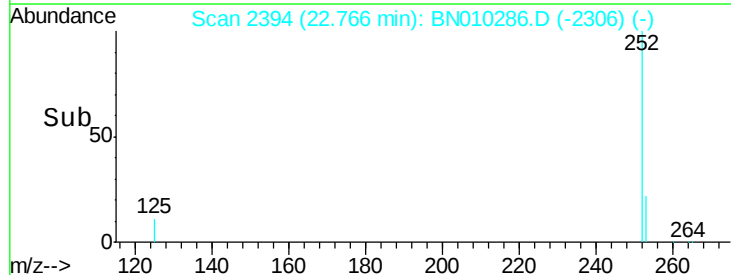
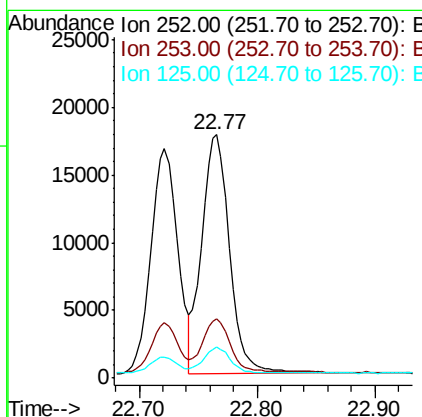
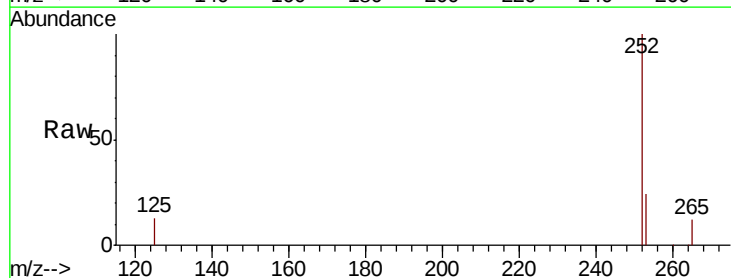
Instrument :
BNA_N
ClientSampleId :

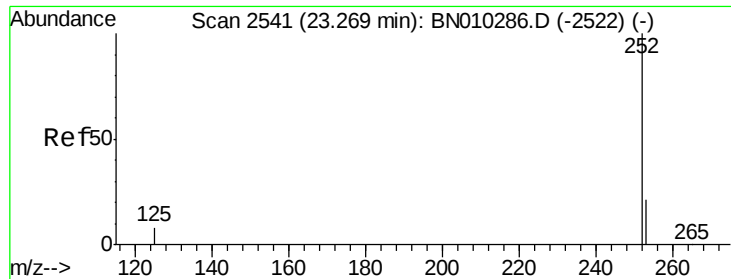
Tot Ion:252 Resp: 26511
Ion Ratio Lower Upper
252 100
253 24.0 19.2 28.8
125 9.2 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 22.77 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:252 Resp: 28941
Ion Ratio Lower Upper
252 100
253 24.2 19.4 29.0
125 12.7 10.2 15.2





#37

Benzo(a)pyrene

Concen: 0.359 ng

RT: 23.27 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

Instrument :

BNA_N

ClientSampleId :

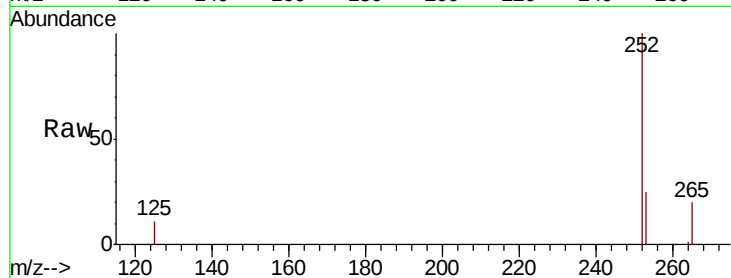
Tot Ion:252 Resp: 22381

Ion Ratio Lower Upper

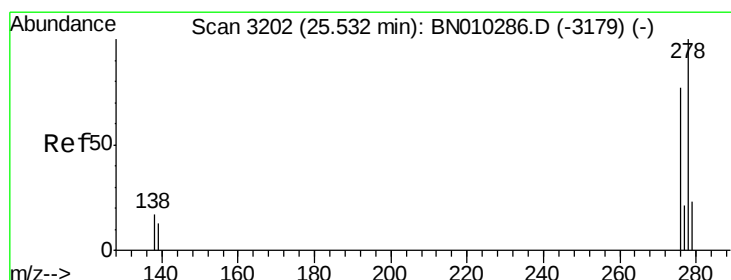
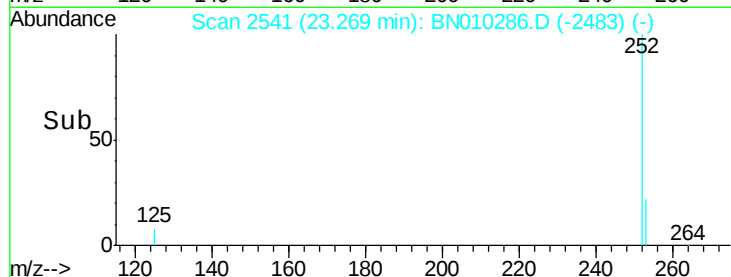
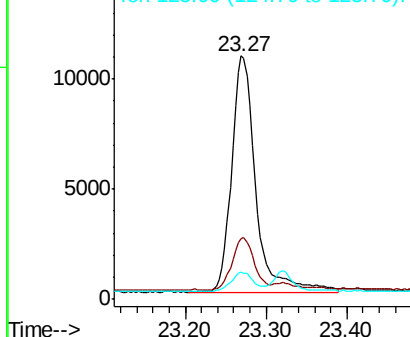
252 100

253 24.9 19.9 29.9

125 11.1 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: 0.428 ng

RT: 25.53 min Scan# 3202

Delta R.T. 0.00 min

Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

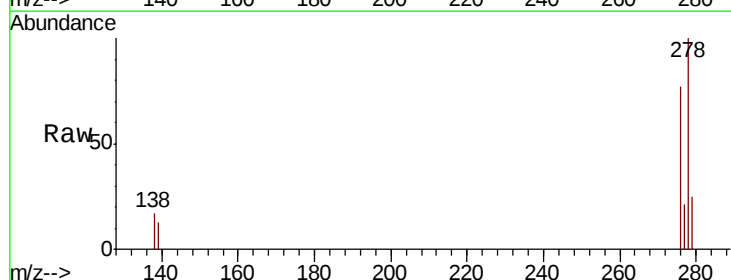
Tgt Ion:278 Resp: 26772

Ion Ratio Lower Upper

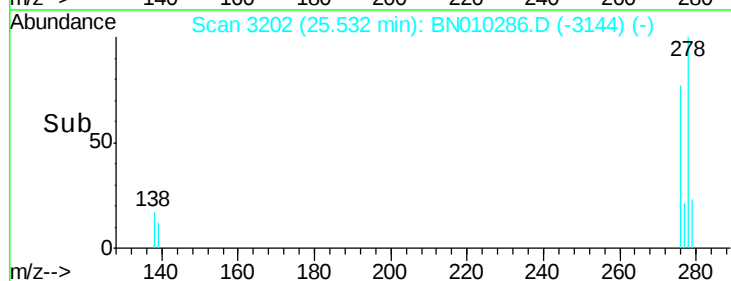
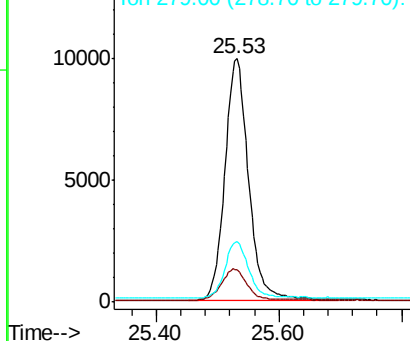
278 100

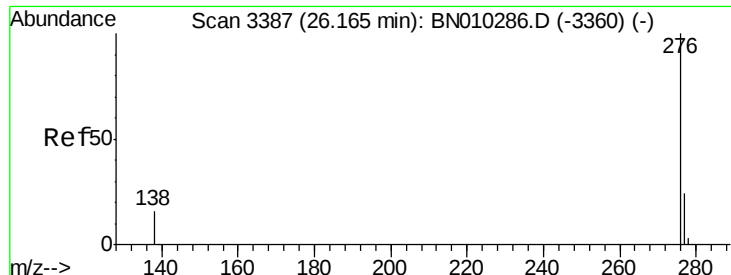
139 13.3 10.6 16.0

279 24.7 19.8 29.6



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: 0.406 ng

RT: 26.16 min Scan# 3387

Delta R.T. 0.00 min

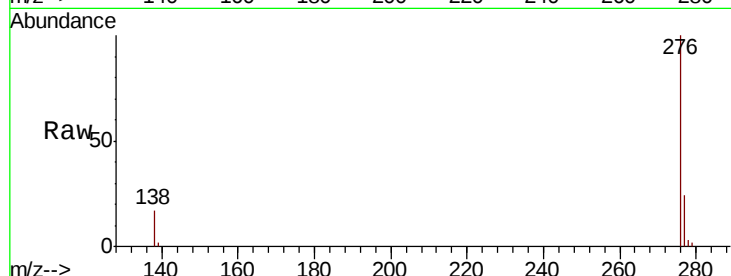
Lab File: BN010286.D

Acq: 19 Mar 2020 12:16

Instrument :

BNA_N

ClientSampleId :



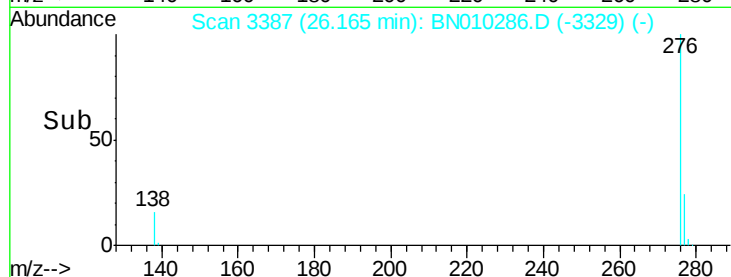
Tot Ion: 276 Resp: 25361

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 16.6 13.3 19.9



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

