

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
 Data File : BN010305.D
 Acq On : 20 Mar 2020 10:28
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 20 11:52:55 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 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	5626	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	19696	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	11633	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	27402	0.40	ng	0.00
27) Chrysene-d12	21.19	240	29936	0.40	ng	0.00
34) Perylene-d12	23.36	264	28247	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	4290	0.39	ng	0.00
5) Phenol-d6	6.80	99	5347	0.39	ng	0.00
8) Nitrobenzene-d5	8.75	82	4796	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	12260	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	1558	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	17906	0.40	ng	0.00
25) Fluoranthene-d10	19.02	212	32083	0.39	ng	0.00
29) Terphenyl-d14	19.63	244	25313	0.39	ng	0.00

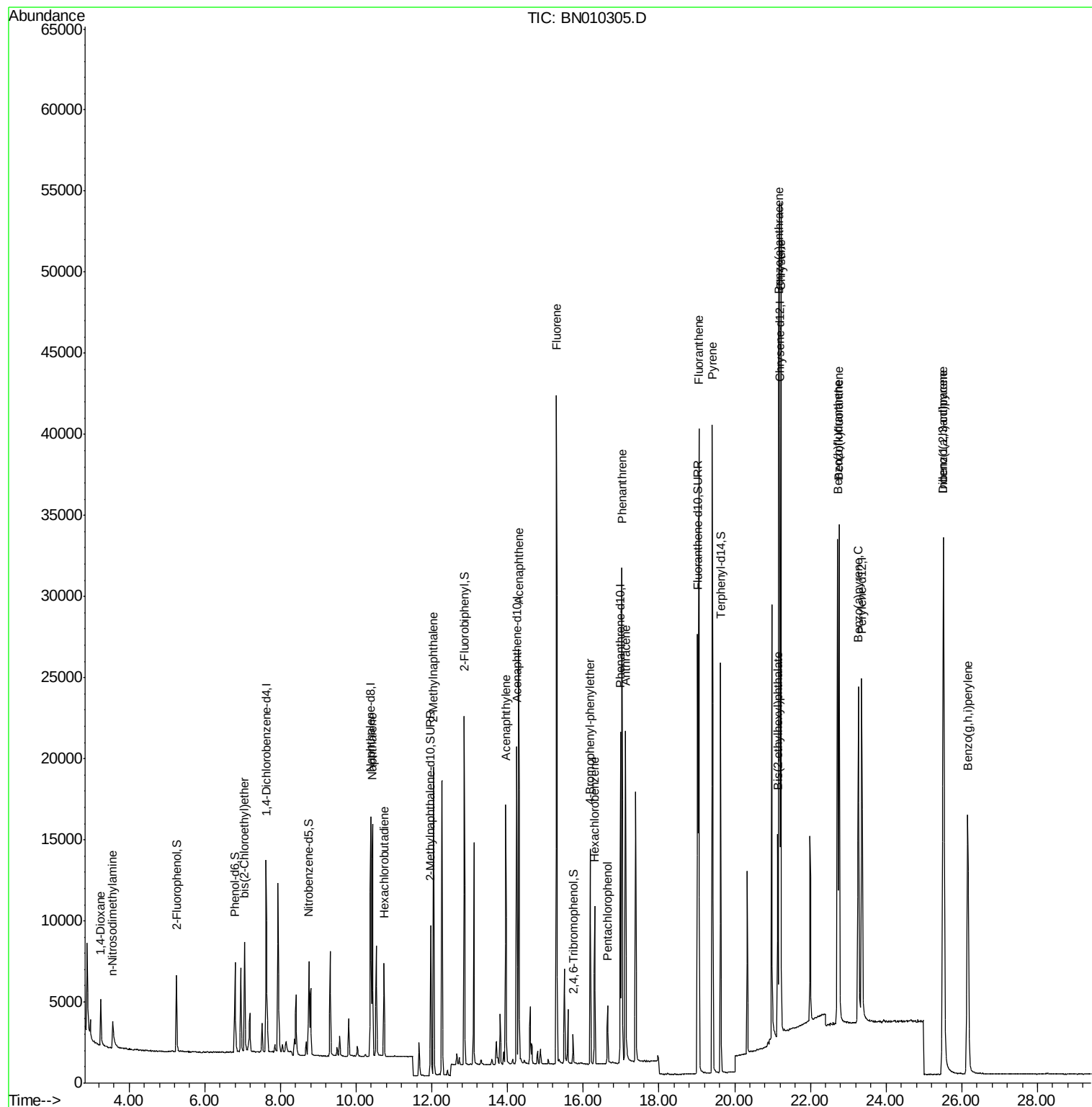
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.26	88	2082	0.394	ng	97
3) n-Nitrosodimethylamine	3.56	42	1555	0.348	ng	98
6) bis(2-Chloroethyl)ether	7.06	93	5490	0.413	ng	100
9) Naphthalene	10.43	128	19375	0.394	ng	100
10) Hexachlorobutadiene	10.73	225	4670	0.392	ng	# 99
12) 2-Methylnaphthalene	12.05	142	13283	0.390	ng	99
16) Acenaphthylene	13.95	152	17373	0.381	ng	100
17) Acenaphthene	14.30	154	12683	0.390	ng	99
18) Fluorene	15.29	166	16963	0.393	ng	99
20) 4-Bromophenyl-phenylether	16.18	248	6538	0.393	ng	95
21) Hexachlorobenzene	16.30	284	6868	0.402	ng	99
22) Pentachlorophenol	16.64	266	1948	0.333	ng	96
23) Phenanthrene	17.02	178	29779	0.395	ng	100
24) Anthracene	17.12	178	24089	0.374	ng	100
26) Fluoranthene	19.05	202	36282	0.393	ng	100
28) Pyrene	19.41	202	35969	0.386	ng	100
30) Benzo(a)anthracene	21.17	228	36708	0.385	ng	98
31) Chrysene	21.22	228	40803	0.399	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	10153	0.316	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	40713	0.372	ng	99
35) Benzo(b)fluoranthene	22.72	252	37473	0.390	ng	98
36) Benzo(k)fluoranthene	22.76	252	38639	0.396	ng	# 95
37) Benzo(a)pyrene	23.27	252	31519	0.389	ng	98
38) Dibenzo(a,h)anthracene	25.52	278	33555	0.383	ng	98
39) Benzo(g,h,i)perylene	26.16	276	34538	0.392	ng	99

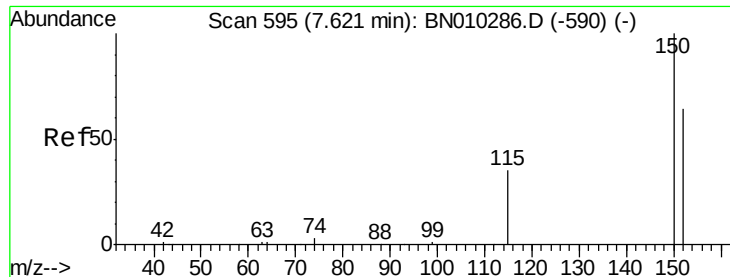
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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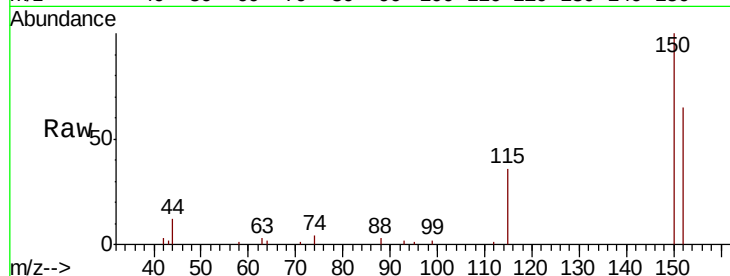


#1

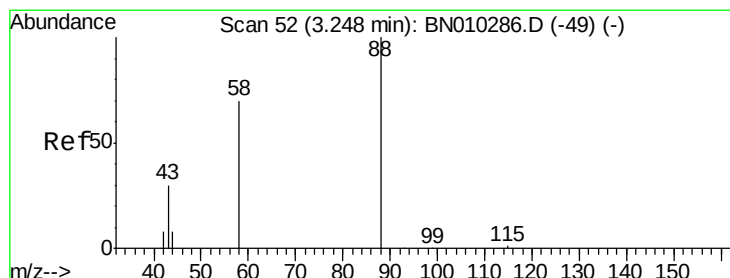
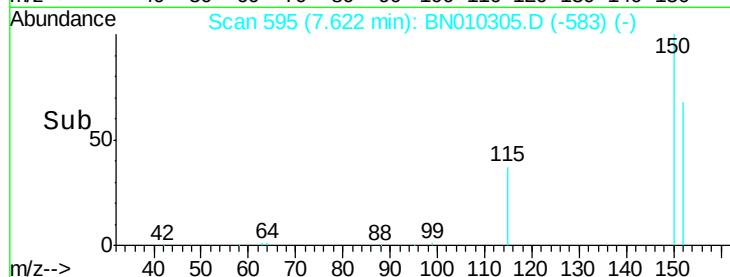
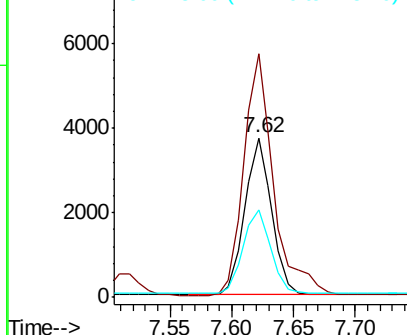
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5626
Ion Ratio Lower Upper
152 100
150 152.8 123.1 184.7
115 55.3 45.2 67.8



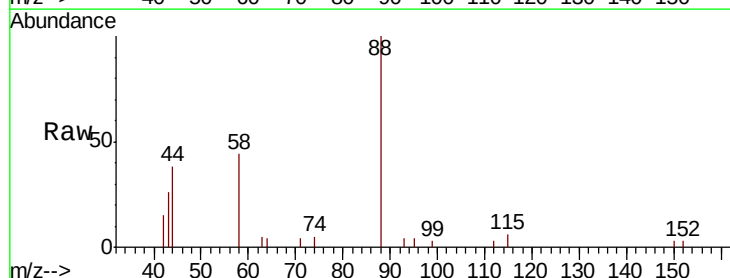
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



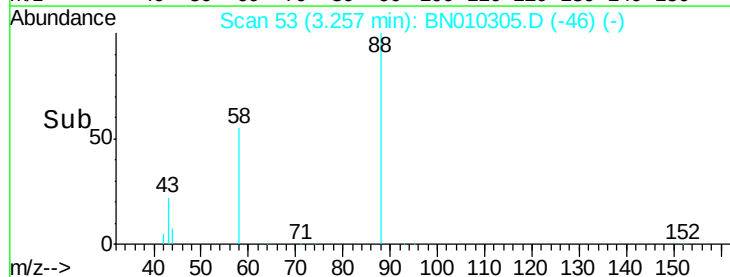
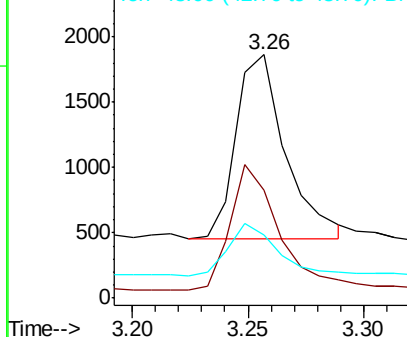
#2

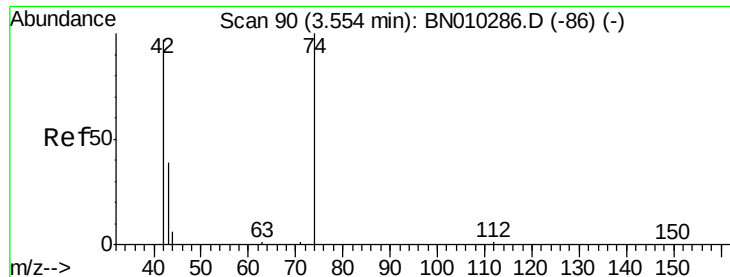
1,4-Dioxane
Concen: 0.394 ng
RT: 3.26 min Scan# 53
Delta R.T. 0.01 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion: 88 Resp: 2082
Ion Ratio Lower Upper
88 100
58 66.5 51.7 77.5
43 29.3 21.2 31.8



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



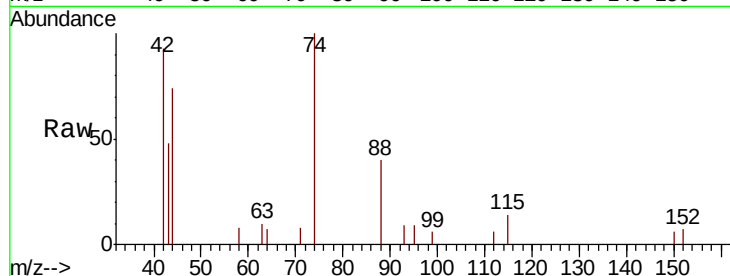


#3

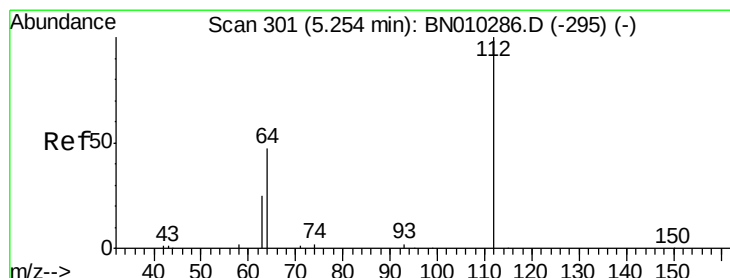
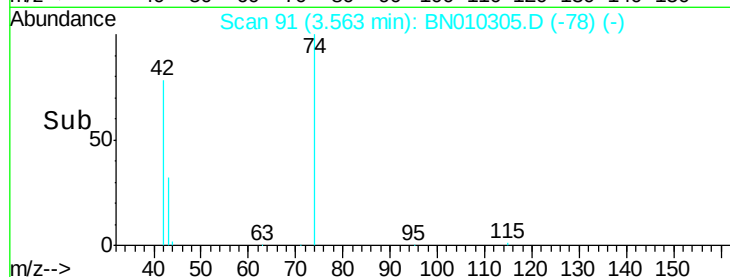
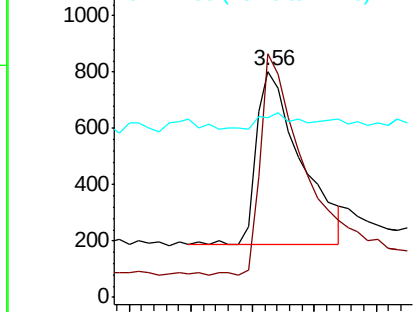
n-Nitrosodimethylamine
 Concen: 0.348 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.01 min
 Lab File: BN010305.D
 Acq: 20 Mar 2020 10:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 1555
 Ion Ratio Lower Upper
 42 100
 74 122.4 99.4 149.0
 44 6.4 4.8 7.2



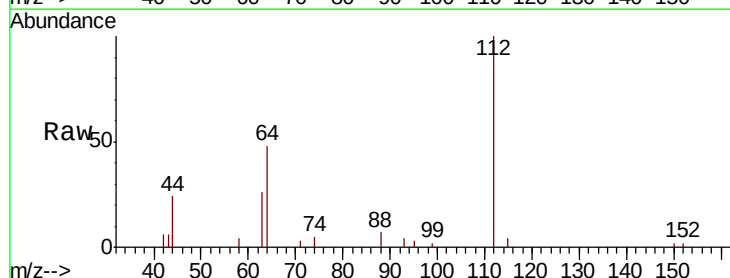
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



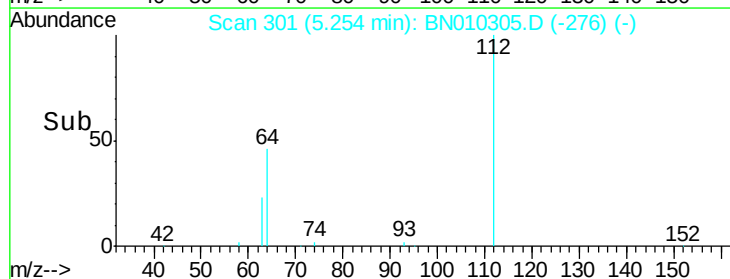
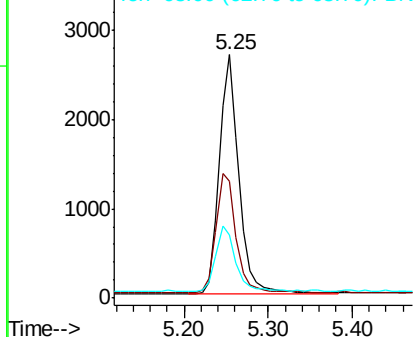
#4

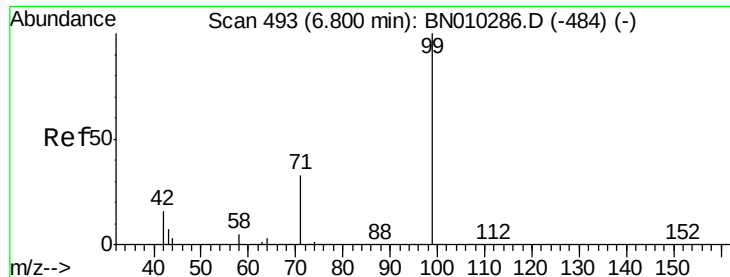
2-Fluorophenol
 Concen: 0.385 ng
 RT: 5.25 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BN010305.D
 Acq: 20 Mar 2020 10:28

Tgt Ion: 112 Resp: 4290
 Ion Ratio Lower Upper
 112 100
 64 51.7 41.4 62.2
 63 27.6 22.9 34.3



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: 0.386 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

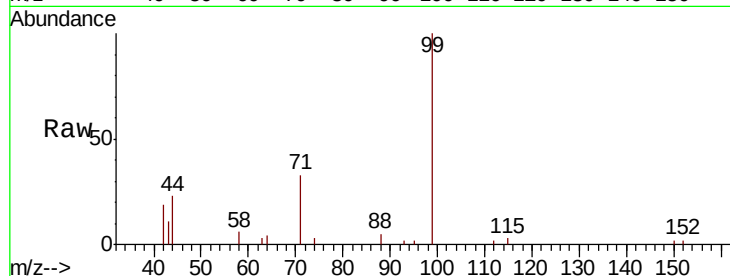
Tot Ion: 99 Resp: 5347

Ion Ratio Lower Upper

99 100

42 19.2 14.8 22.2

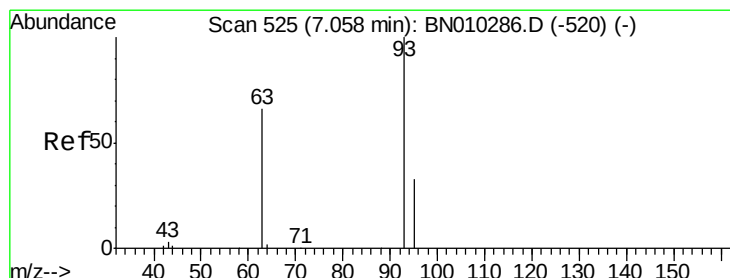
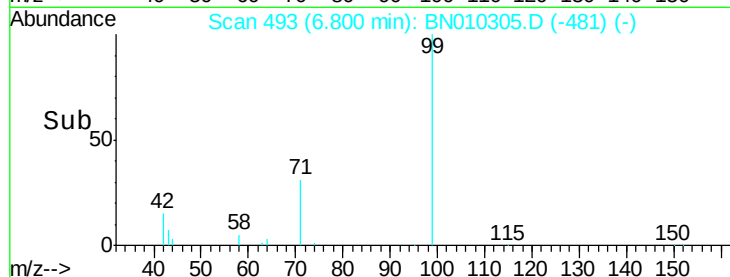
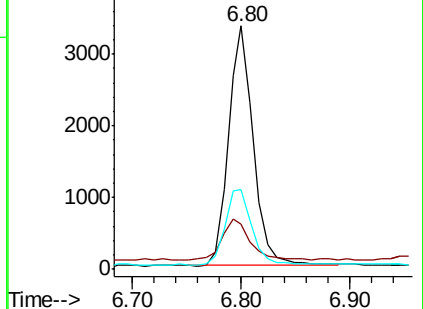
71 34.3 27.3 40.9



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: 0.413 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

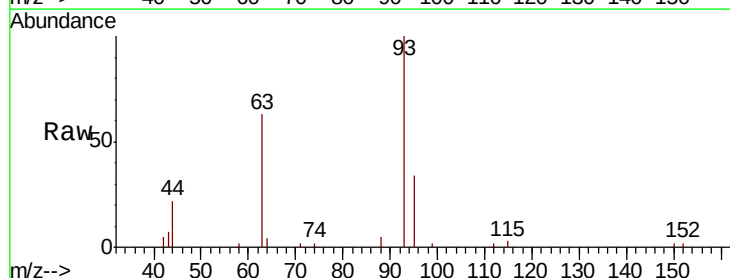
Tgt Ion: 93 Resp: 5490

Ion Ratio Lower Upper

93 100

63 69.2 55.6 83.4

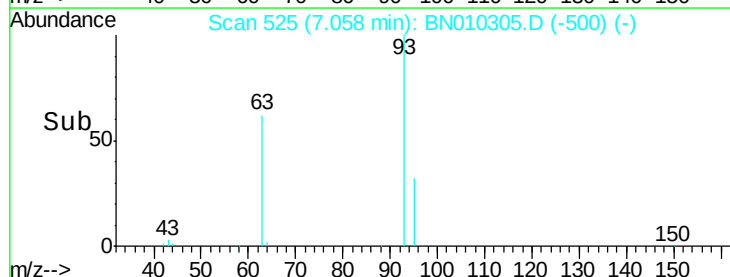
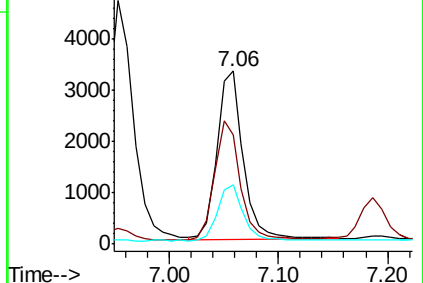
95 33.2 26.2 39.4

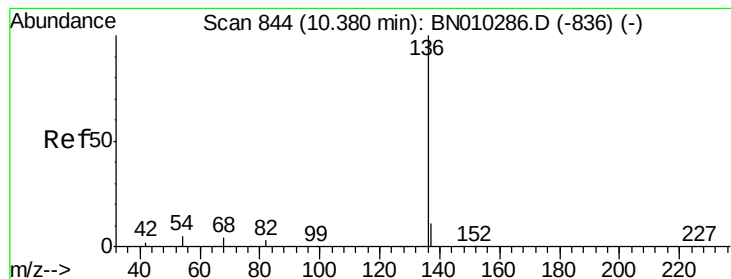


Abundance Ion 93.00 (92.70 to 93.70): BN010286.D (-520) (-)

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: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 19696

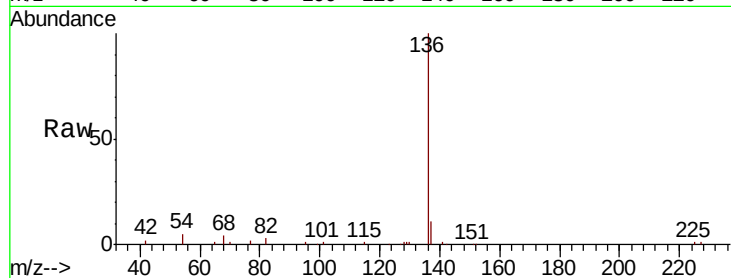
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 4.9 4.8 7.2

68 4.4 4.1 6.1

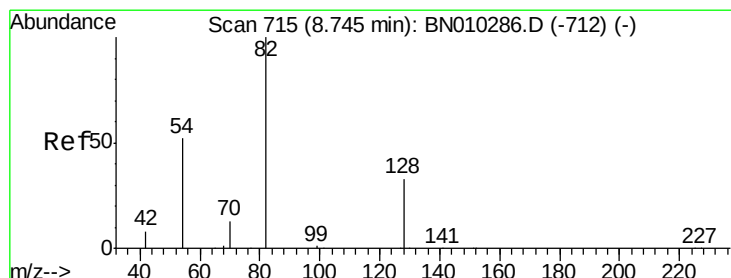
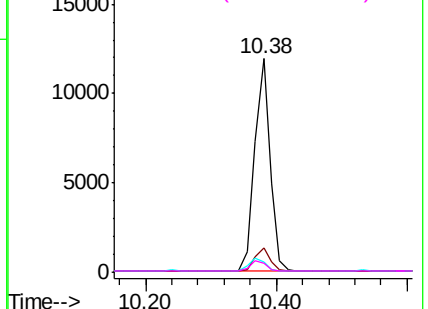
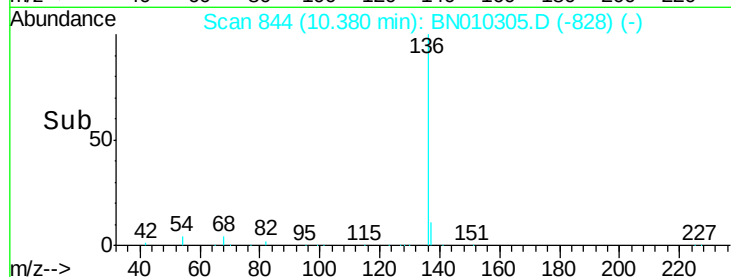


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

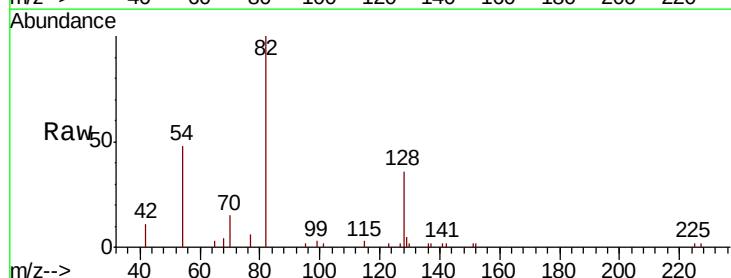
Tgt Ion: 82 Resp: 4796

Ion Ratio Lower Upper

82 100

128 36.3 28.8 43.2

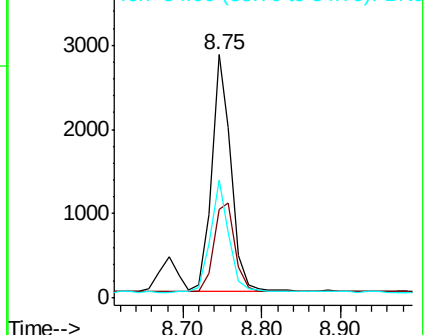
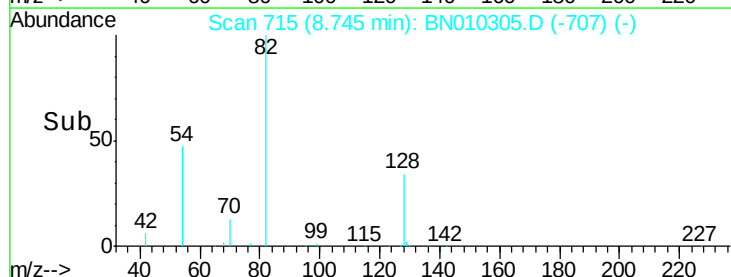
54 48.4 42.1 63.1

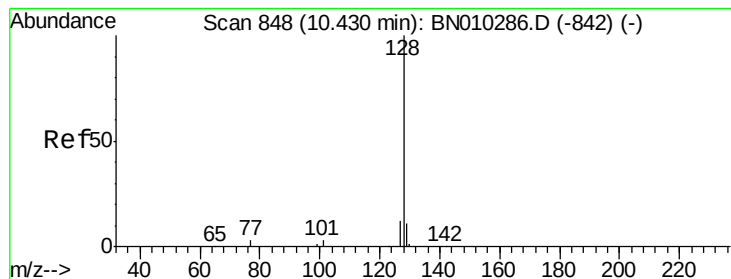


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.394 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

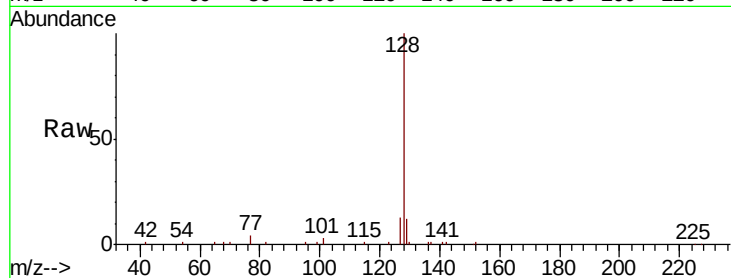
Tot Ion:128 Resp: 19375

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

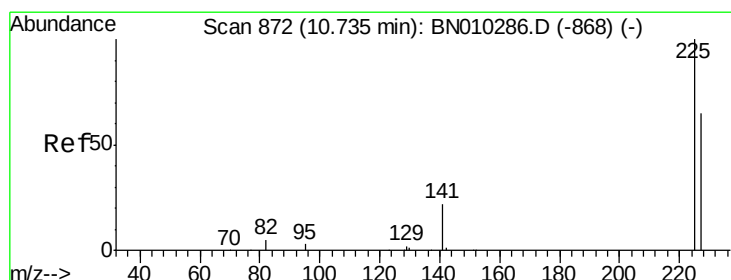
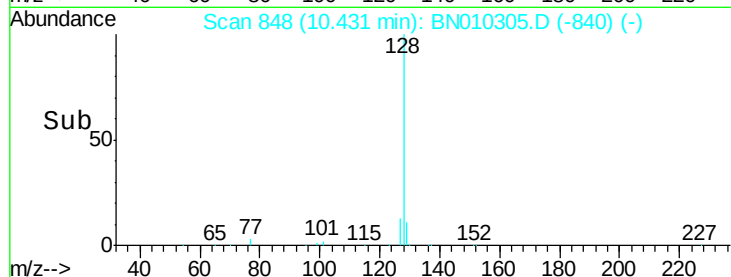
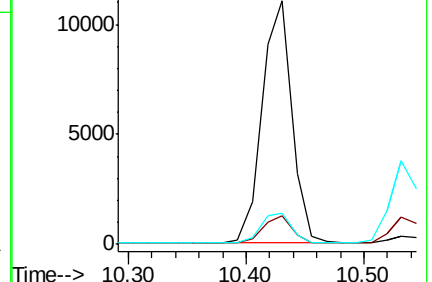
127 13.0 10.4 15.6



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: 0.392 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

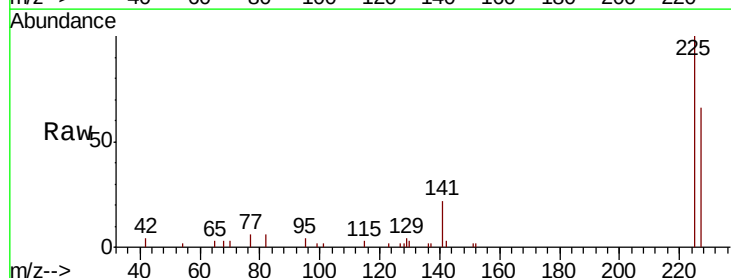
Tgt Ion:225 Resp: 4670

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

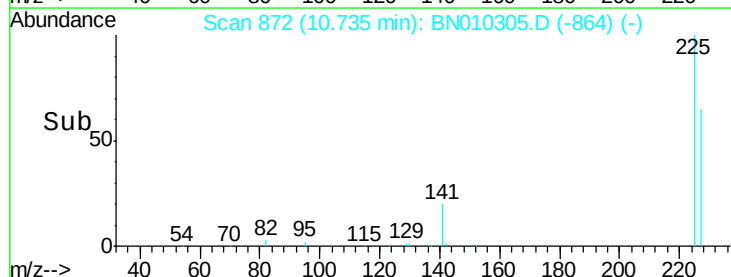
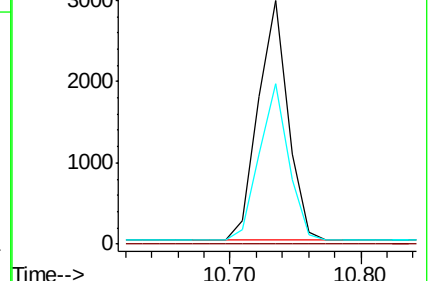
227 64.4 51.9 77.9

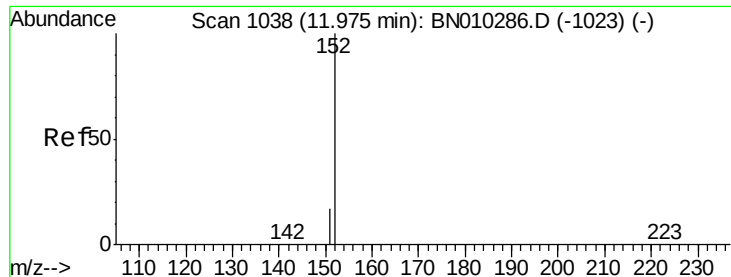


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 11.97 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

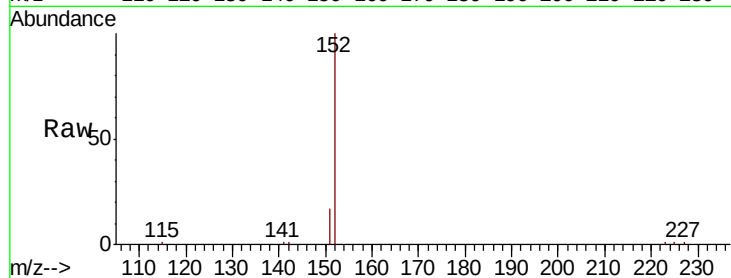
ClientSampleId :

Tot Ion:152 Resp: 12260

Ion Ratio Lower Upper

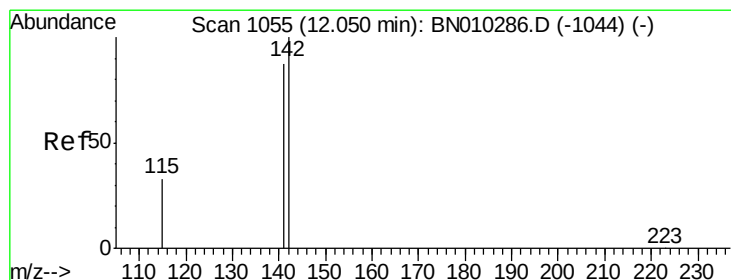
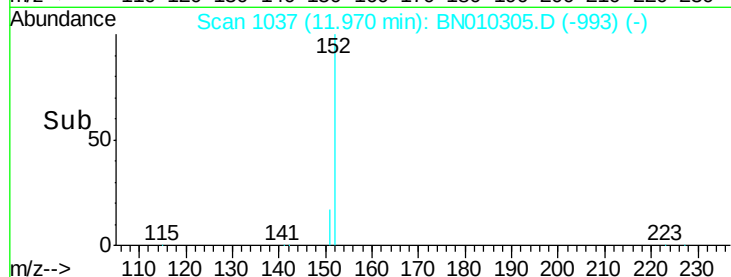
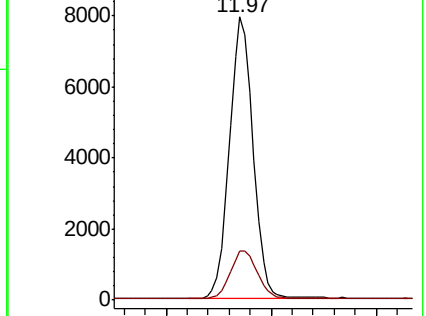
152 100

151 19.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.390 ng

RT: 12.05 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

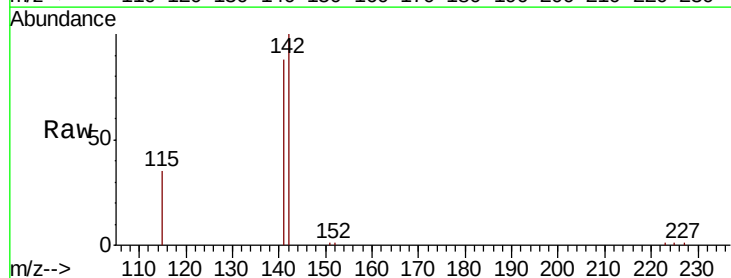
Tgt Ion:142 Resp: 13283

Ion Ratio Lower Upper

142 100

141 88.0 69.5 104.3

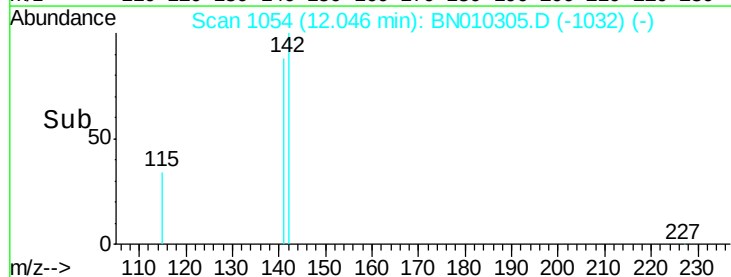
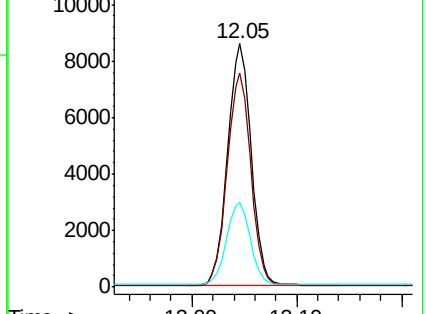
115 35.1 27.5 41.3

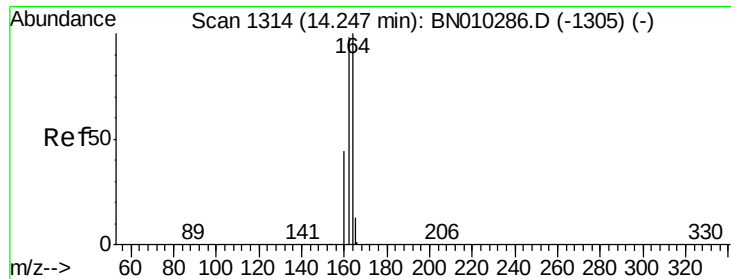


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

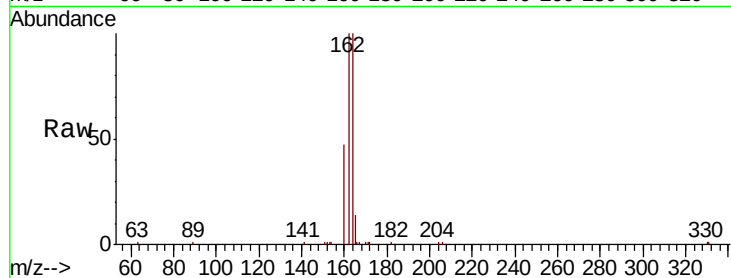
Tot Ion:164 Resp: 11633

Ion Ratio Lower Upper

164 100

162 100.0 78.2 117.2

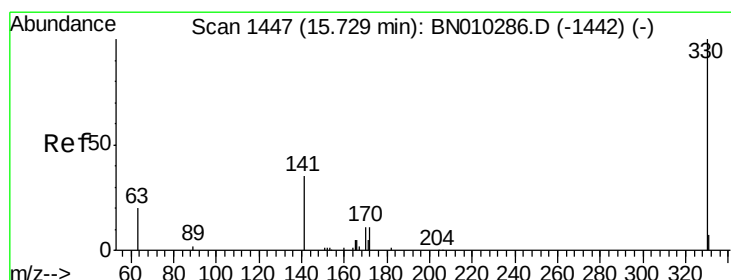
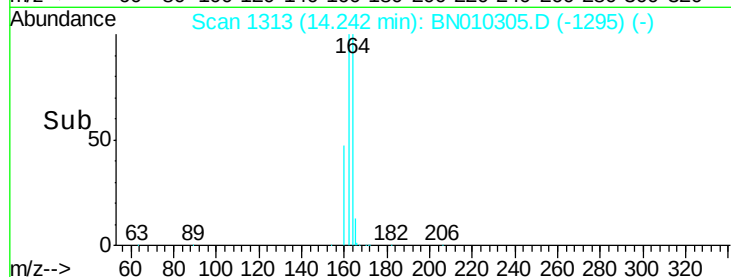
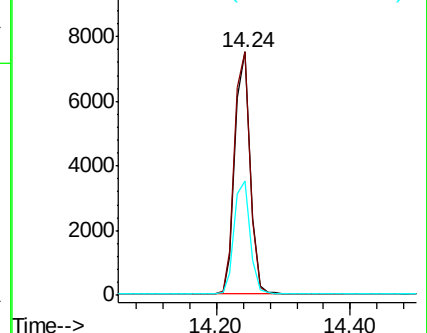
160 46.8 35.8 53.6



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: 0.348 ng

RT: 15.74 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

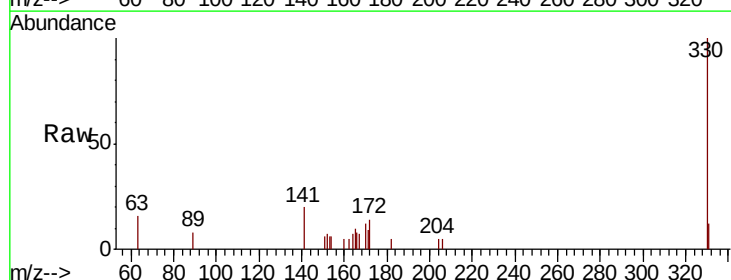
Tgt Ion:330 Resp: 1558

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

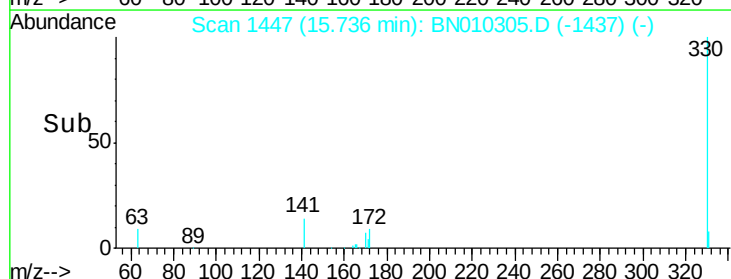
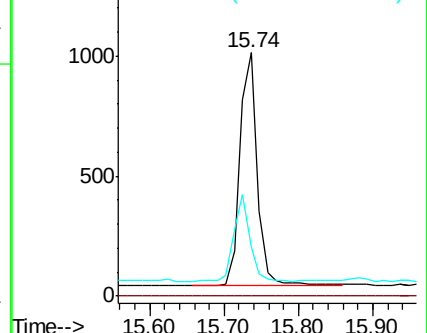
141 35.4 29.3 43.9

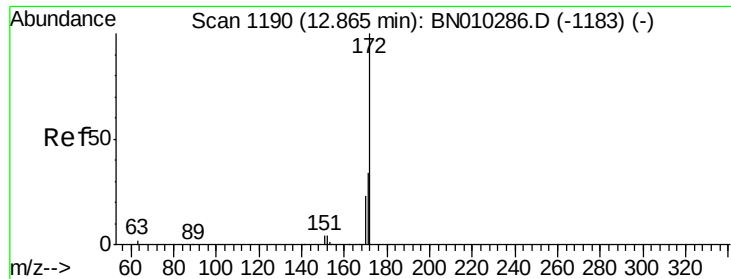


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

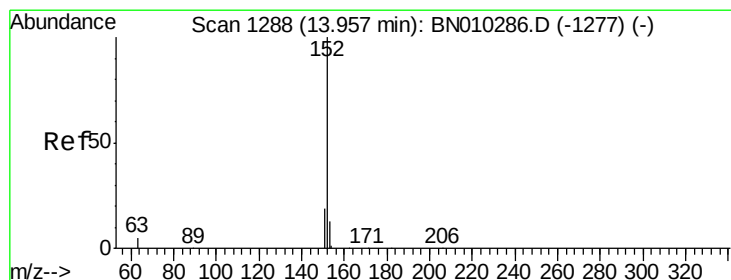
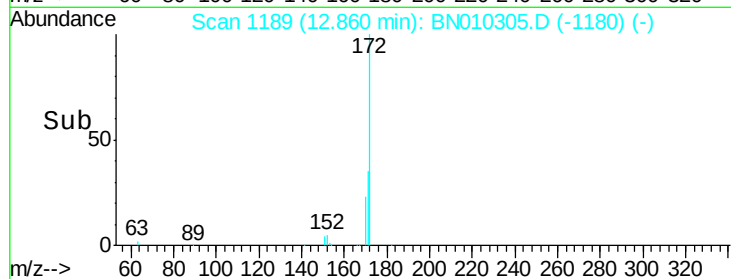
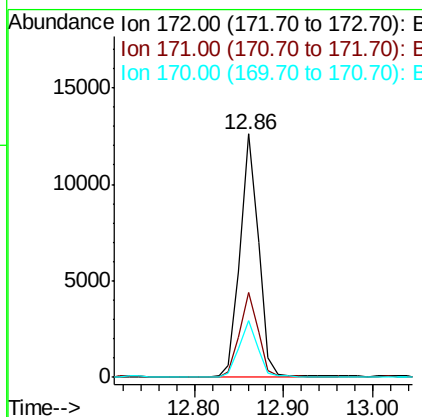
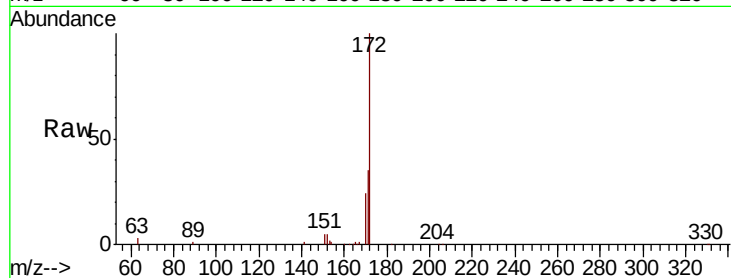




#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

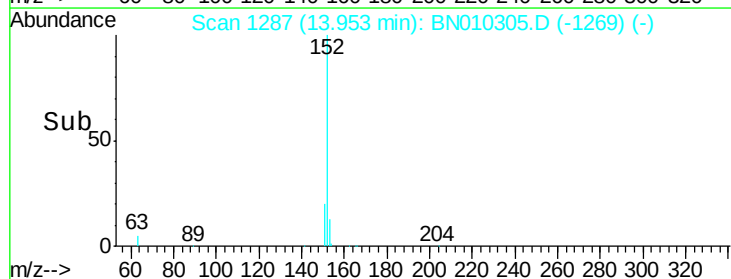
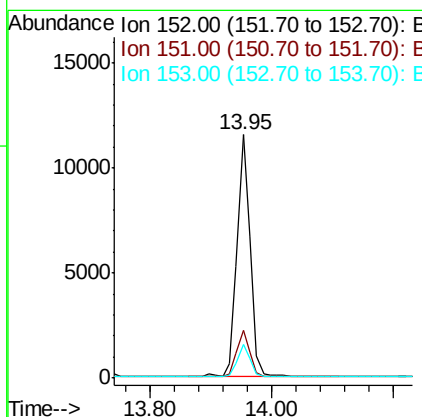
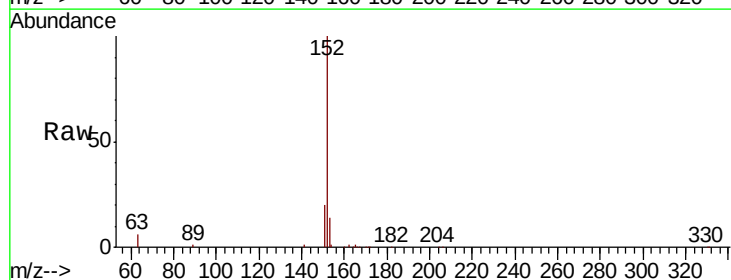
Instrument :
BNA_N
ClientSampleId :

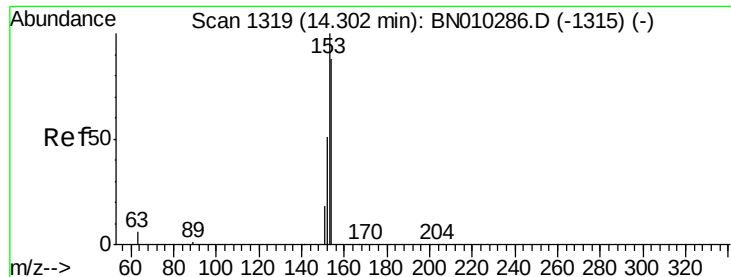
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.6	41.4
170	23.5	18.5	27.7



#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	13.3	10.6	15.8

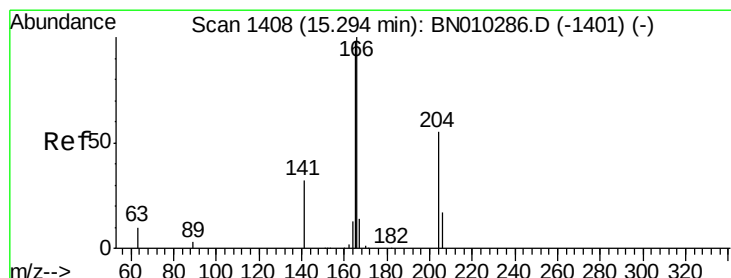
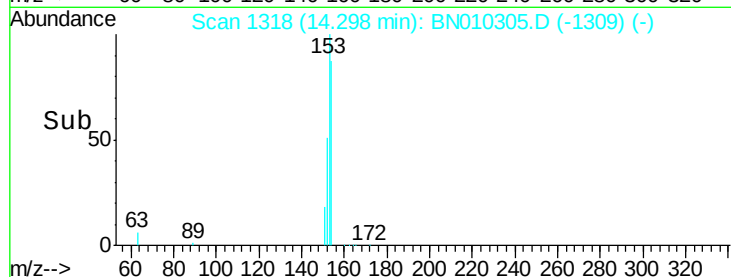
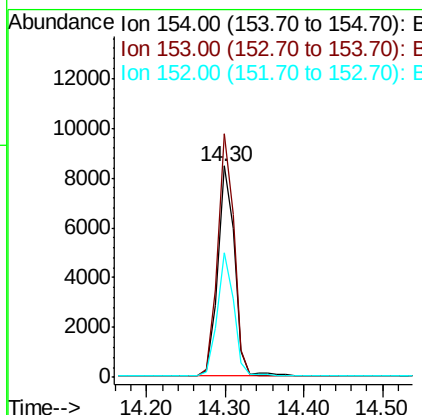
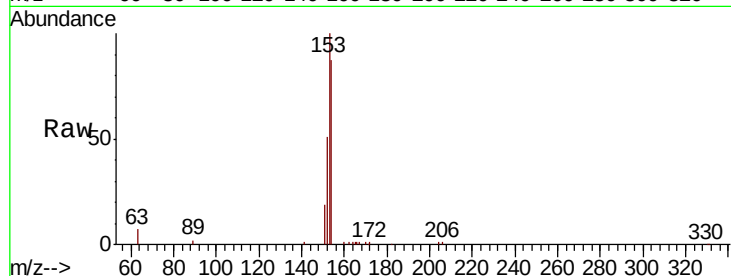




#17
Acenaphthene
Concen: 0.390 ng
RT: 14.30 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

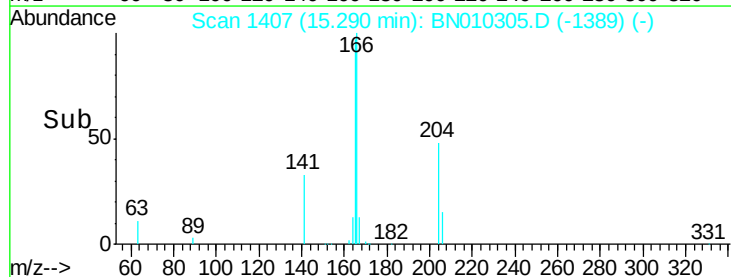
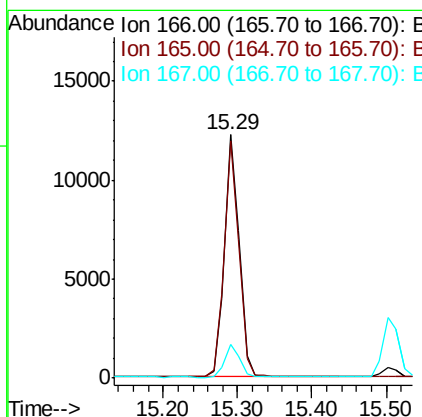
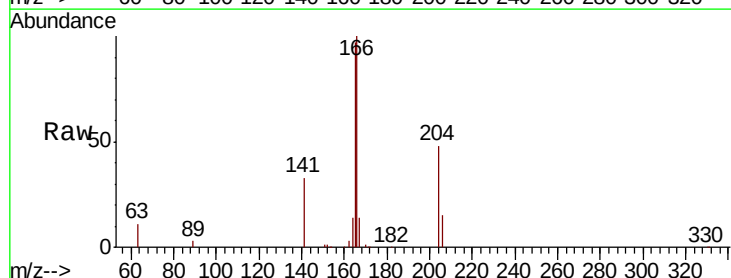
Instrument :
BNA_N
ClientSampleId :

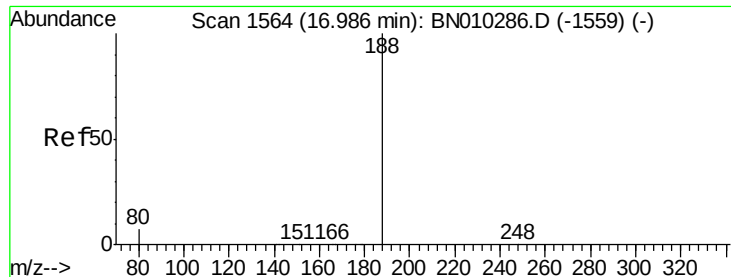
Tot Ion:154 Resp: 12683
Ion Ratio Lower Upper
154 100
153 111.3 88.1 132.1
152 56.8 45.5 68.3



#18
Fluorene
Concen: 0.393 ng
RT: 15.29 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:166 Resp: 16963
Ion Ratio Lower Upper
166 100
165 97.1 78.7 118.1
167 13.7 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.98 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampled :

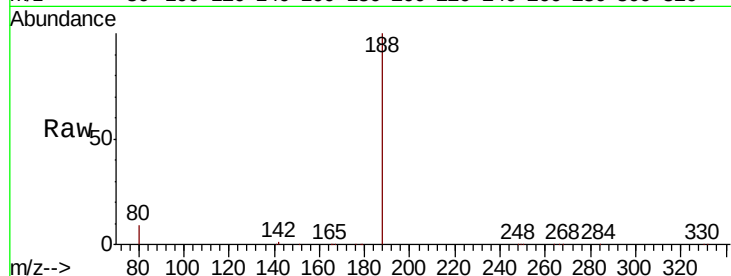
Tot Ion:188 Resp: 27402

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

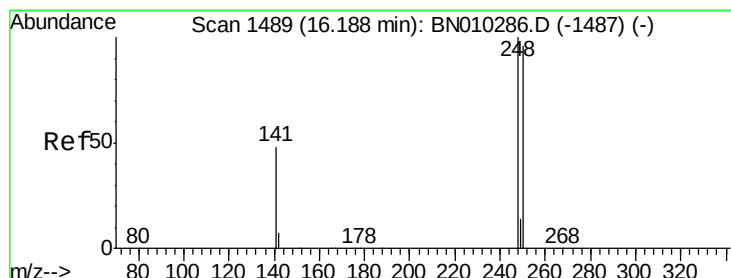
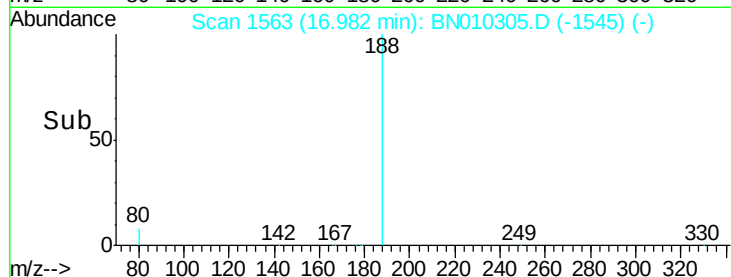
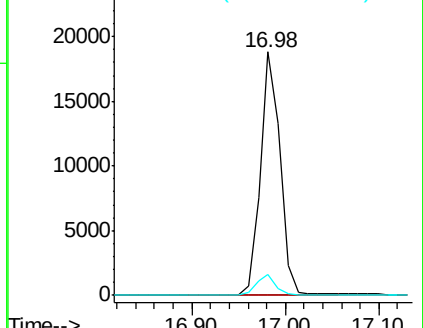
80 8.6 6.0 9.0



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: 0.393 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

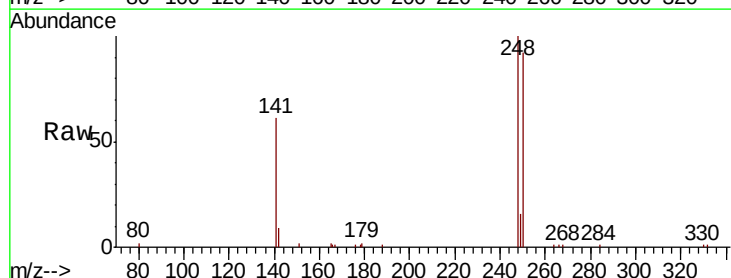
Tgt Ion:248 Resp: 6538

Ion Ratio Lower Upper

248 100

250 91.6 76.8 115.2

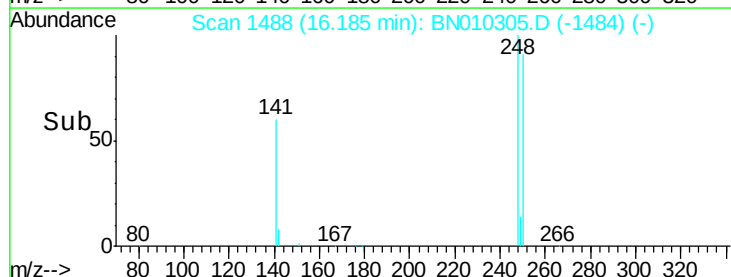
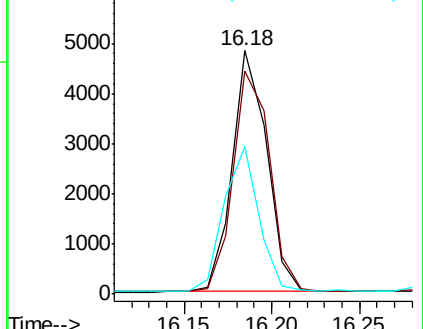
141 60.8 44.4 66.6

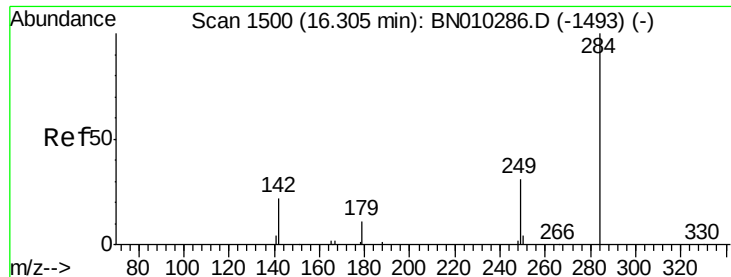


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.402 ng

RT: 16.30 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

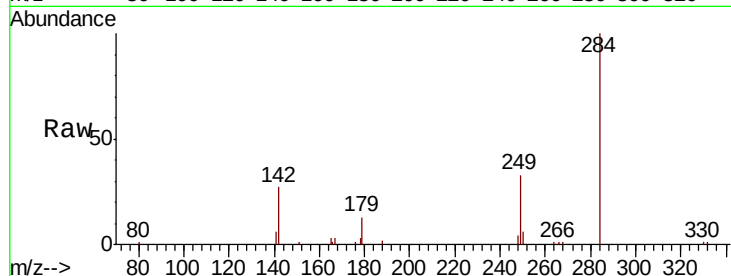
Tot Ion:284 Resp: 6868

Ion Ratio Lower Upper

284 100

142 33.5 27.4 41.2

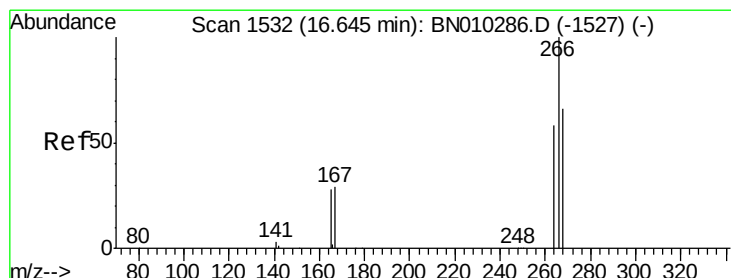
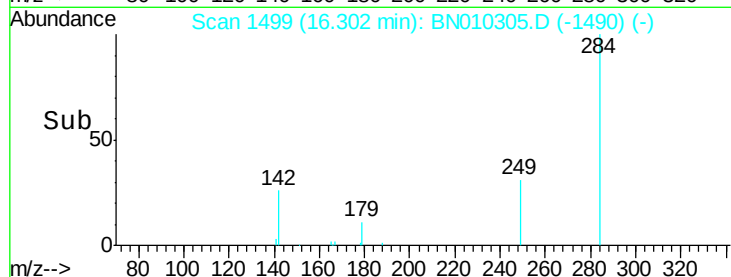
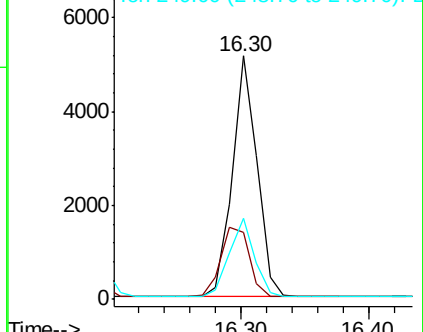
249 32.7 26.5 39.7



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: 0.333 ng

RT: 16.64 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

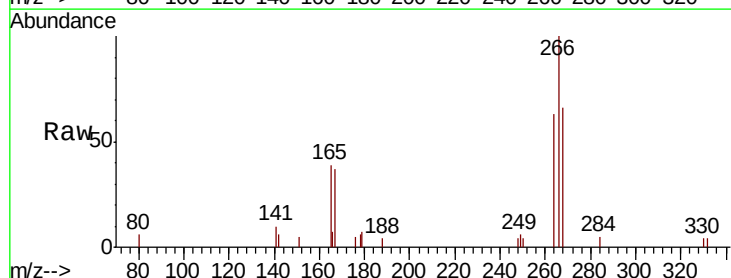
Tgt Ion:266 Resp: 1948

Ion Ratio Lower Upper

266 100

264 62.6 47.7 71.5

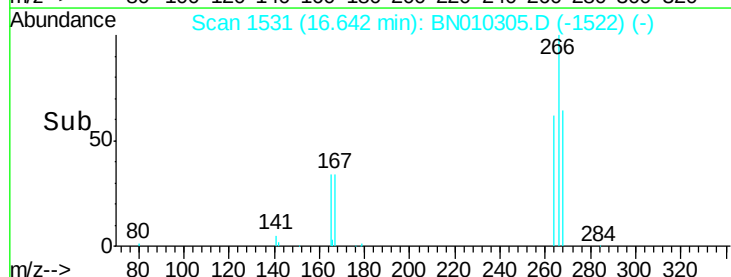
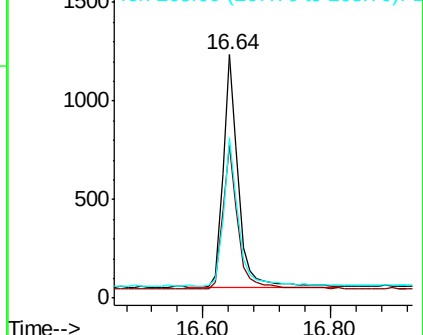
268 66.1 54.9 82.3

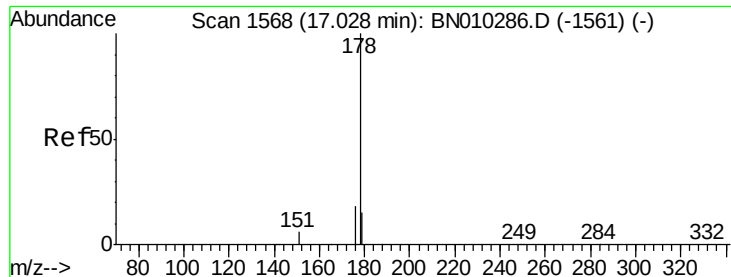


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampled :

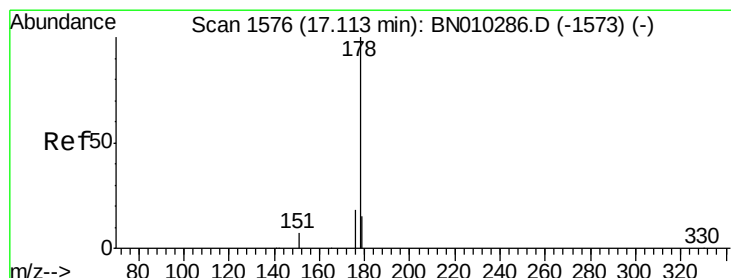
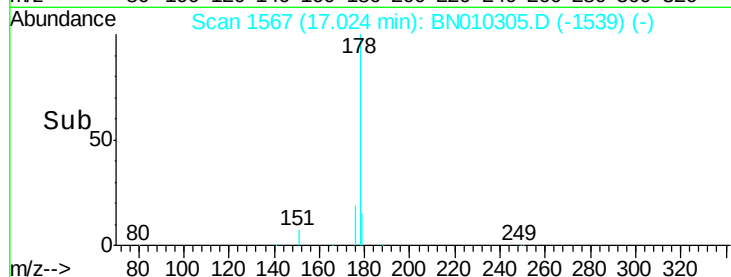
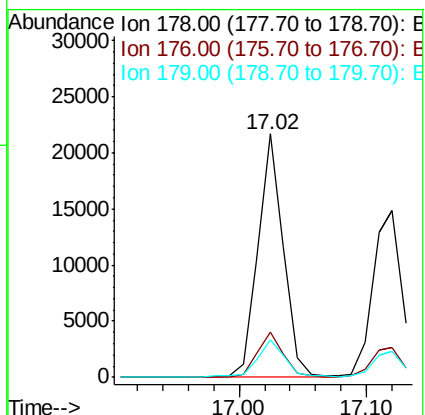
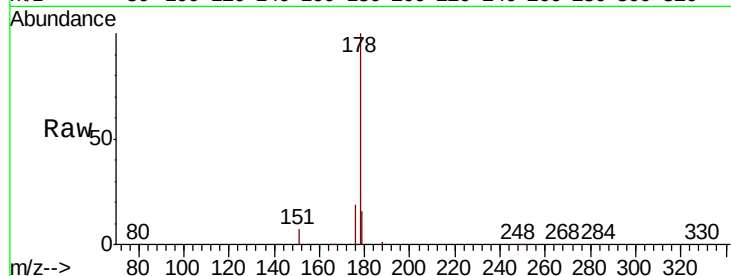
Tot Ion:178 Resp: 29779

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.4 12.4 18.6



#24

Anthracene

Concen: 0.374 ng

RT: 17.12 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

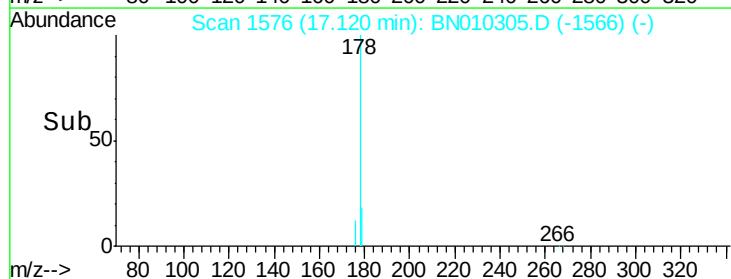
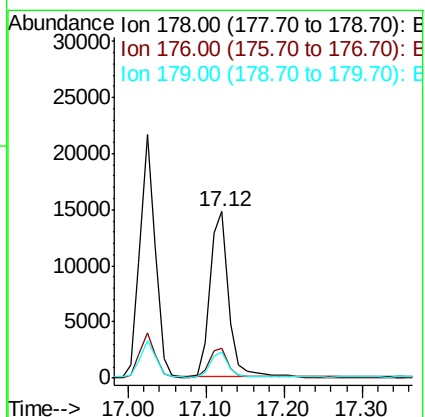
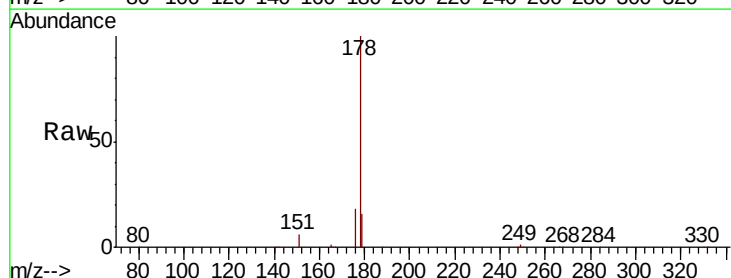
Tgt Ion:178 Resp: 24089

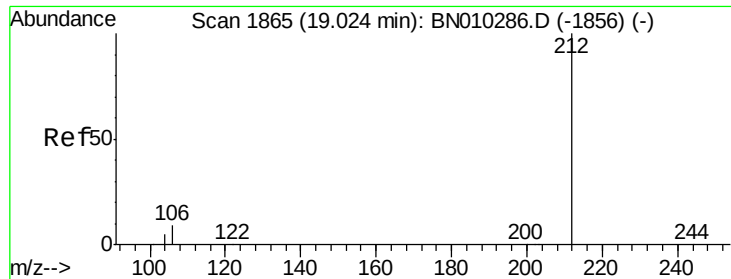
Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

179 15.3 12.3 18.5

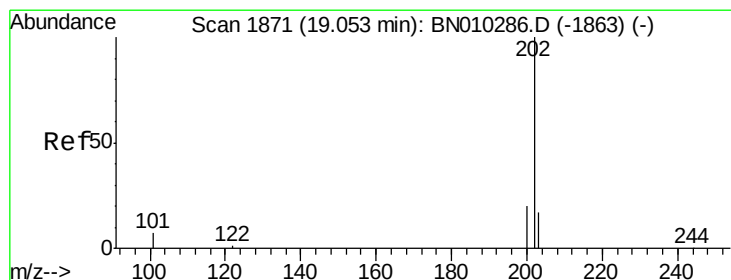
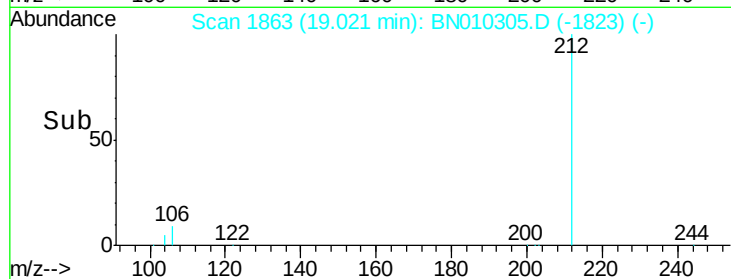
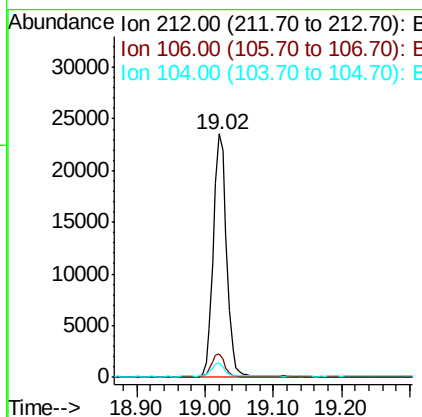
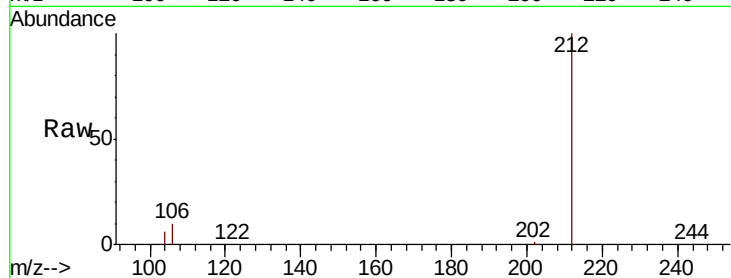




#25
 Fluoranthene-d10
 Concen: 0.388 ng
 RT: 19.02 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: BN010305.D
 Acq: 20 Mar 2020 10:28

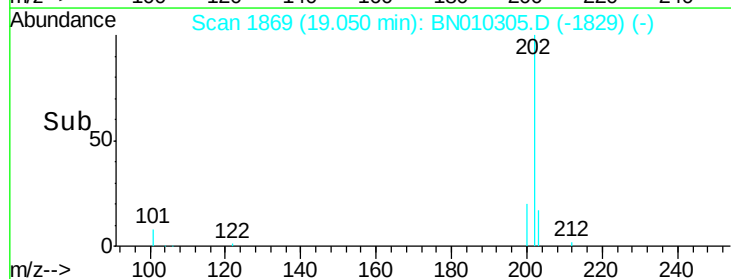
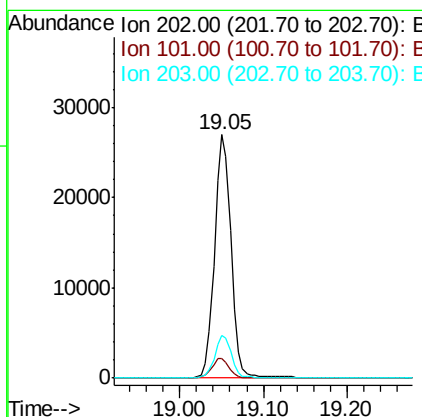
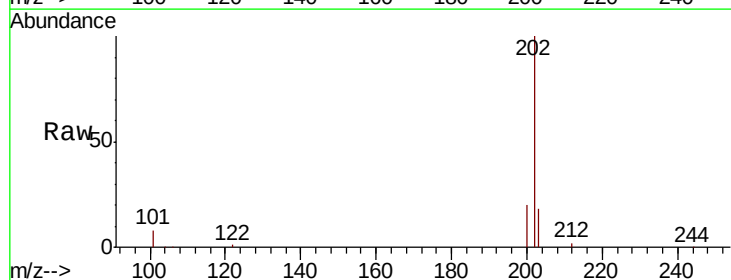
Instrument :
 BNA_N
 ClientSampleId :

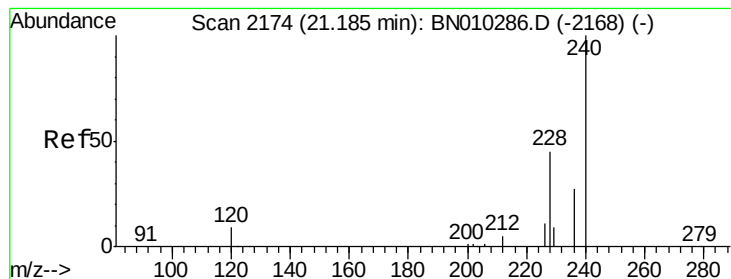
Tot Ion:212 Resp: 32083
 Ion Ratio Lower Upper
 212 100
 106 9.5 7.4 11.2
 104 5.4 4.2 6.4



#26
 Fluoranthene
 Concen: 0.393 ng
 RT: 19.05 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: BN010305.D
 Acq: 20 Mar 2020 10:28

Tgt Ion:202 Resp: 36282
 Ion Ratio Lower Upper
 202 100
 101 8.2 6.6 9.8
 203 17.1 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

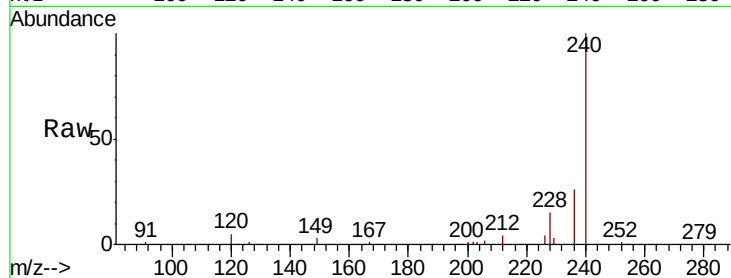
Tot Ion:240 Resp: 29936

Ion Ratio Lower Upper

240 100

120 5.5 7.9 11.9#

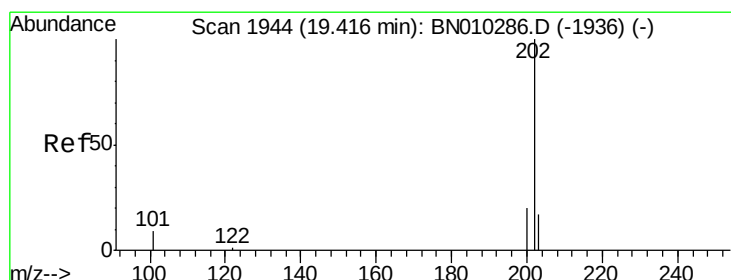
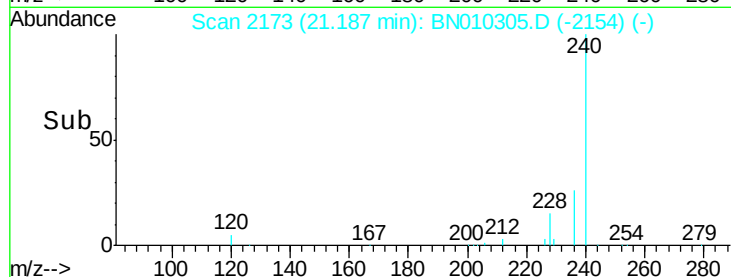
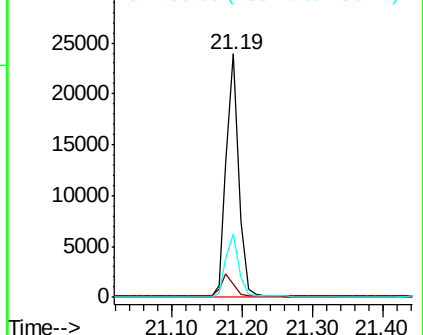
236 26.2 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.386 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

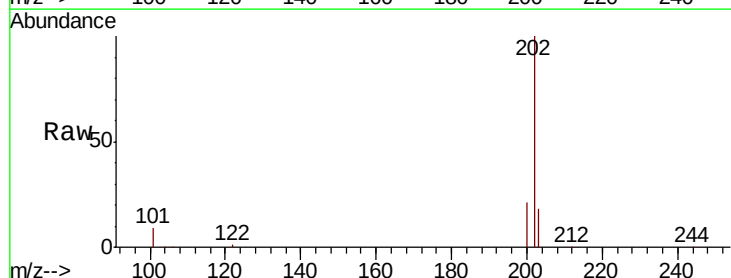
Tgt Ion:202 Resp: 35969

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

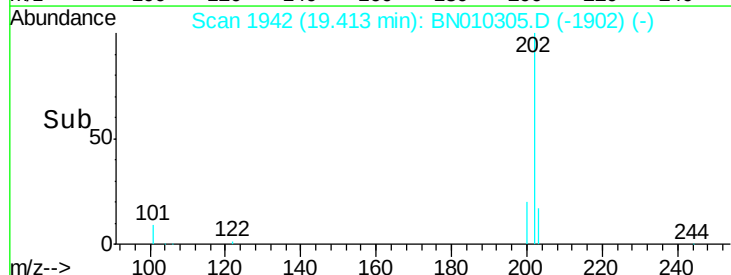
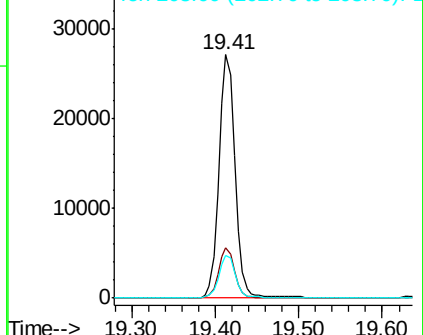
203 17.5 14.2 21.2

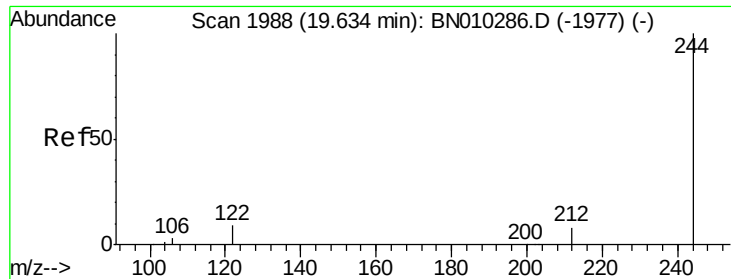


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.63 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampled :

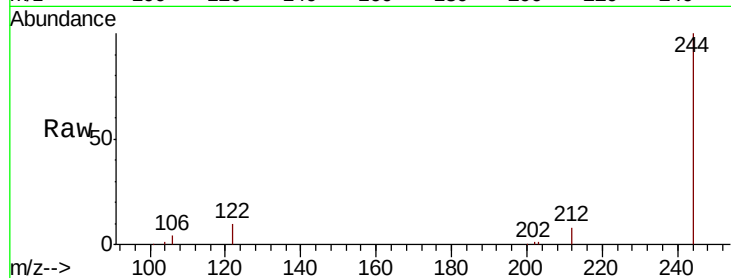
Tot Ion:244 Resp: 25313

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

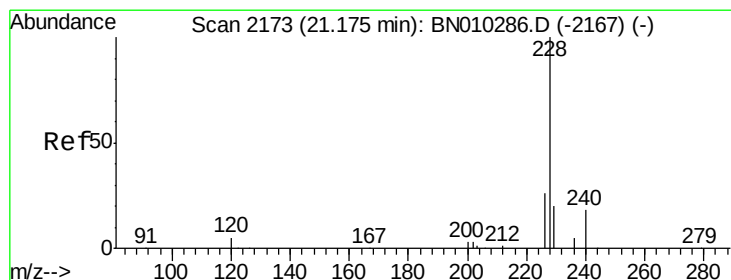
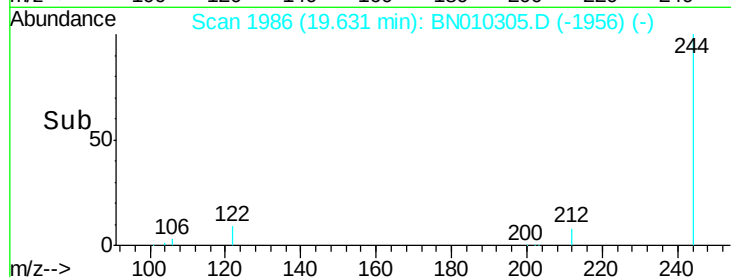
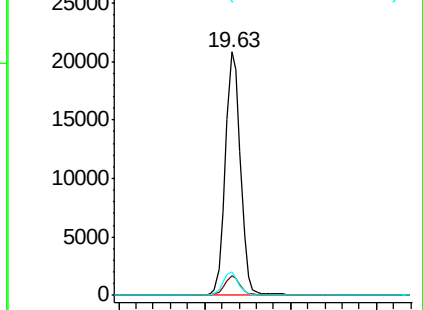
122 9.7 7.6 11.4



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: 0.385 ng

RT: 21.17 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

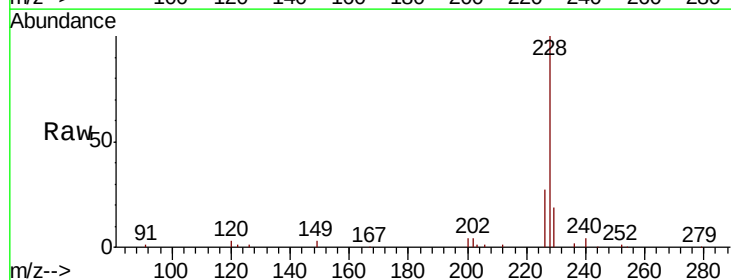
Tgt Ion:228 Resp: 36708

Ion Ratio Lower Upper

228 100

226 27.2 21.0 31.4

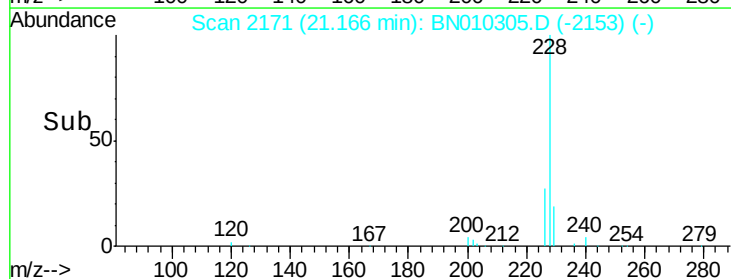
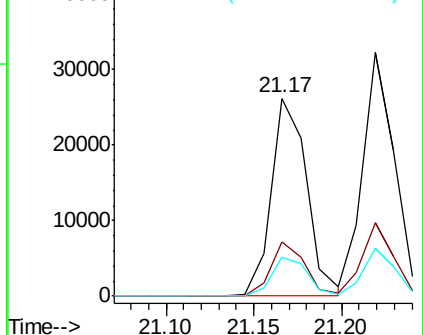
229 19.5 16.0 24.0

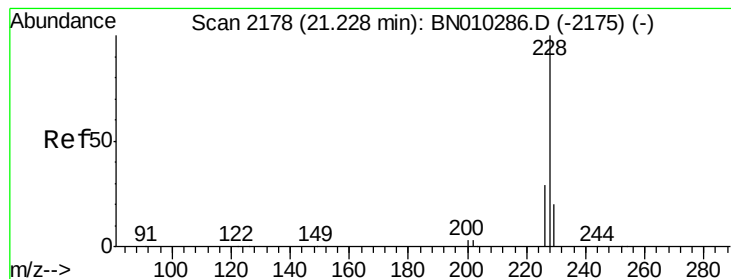


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.399 ng

RT: 21.22 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

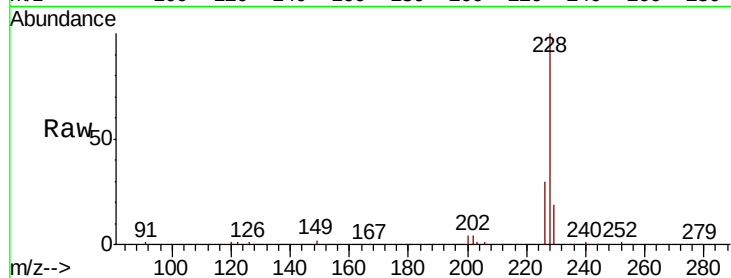
Tot Ion:228 Resp: 40803

Ion Ratio Lower Upper

228 100

226 30.1 23.0 34.6

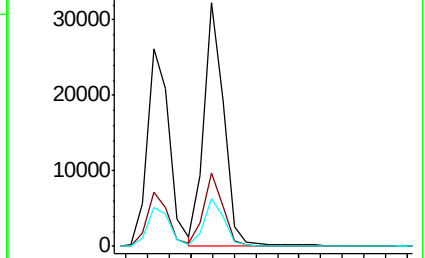
229 19.4 16.0 24.0



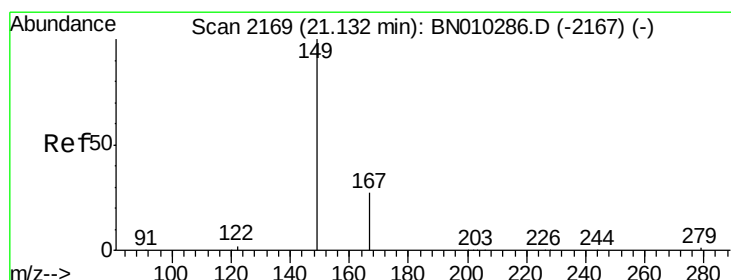
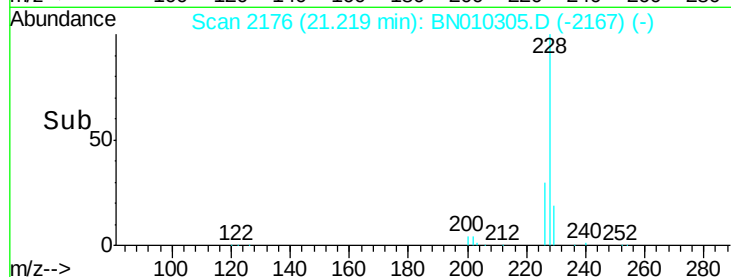
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.316 ng

RT: 21.13 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

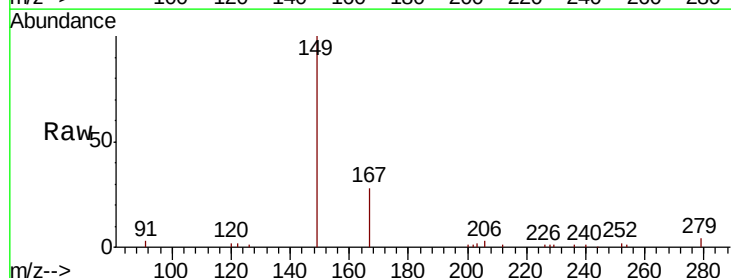
Tgt Ion:149 Resp: 10153

Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.6

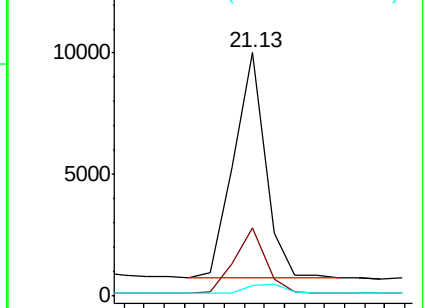
279 5.0 3.8 5.8



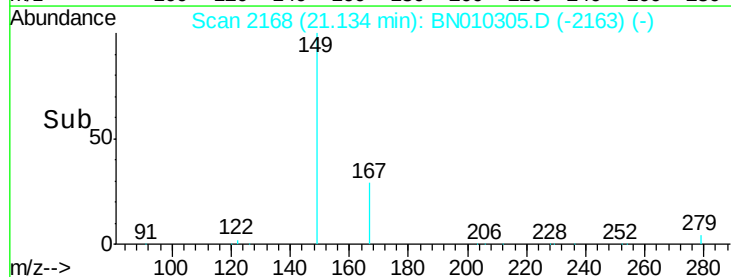
Abundance Ion 149.00 (148.70 to 149.70): E

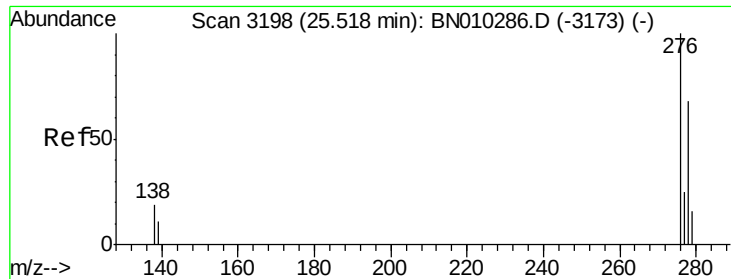
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

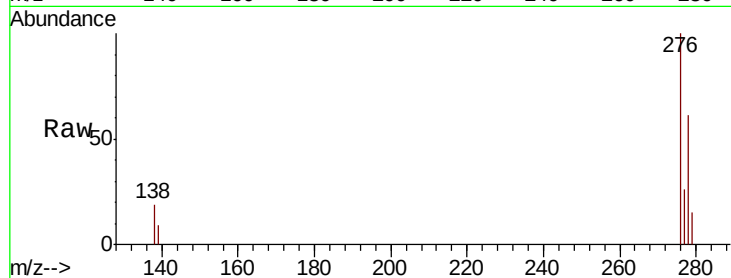




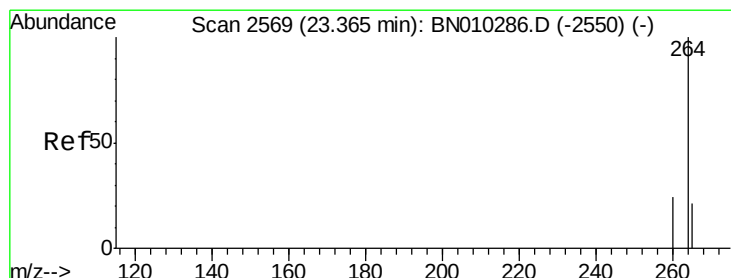
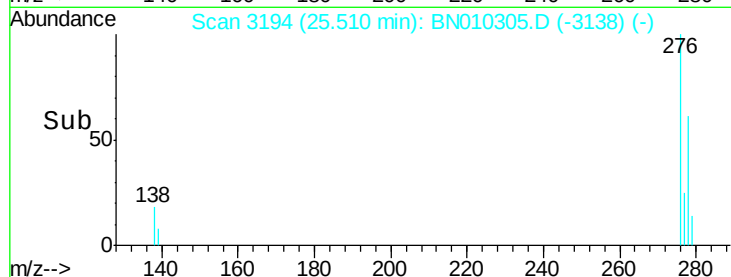
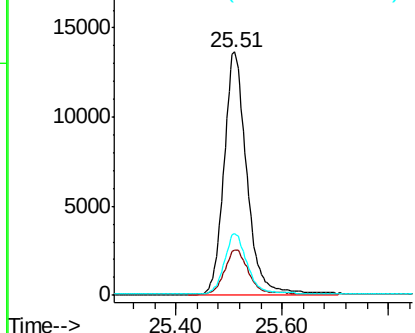
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.372 ng
 RT: 25.51 min Scan# 3194
 Delta R.T. -0.01 min
 Lab File: BN010305.D
 Acq: 20 Mar 2020 10:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 40713
 Ion Ratio Lower Upper
 276 100
 138 18.7 15.6 23.4
 277 24.9 20.1 30.1

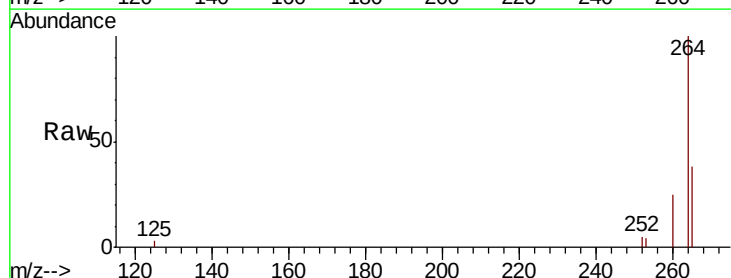


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

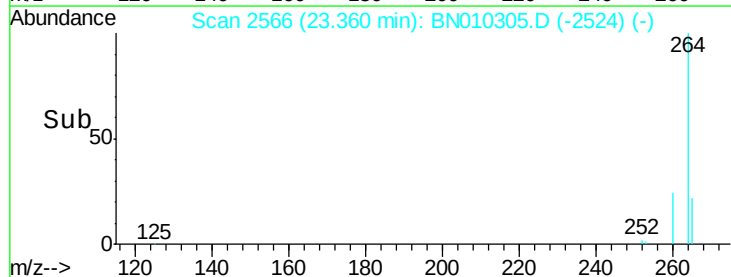
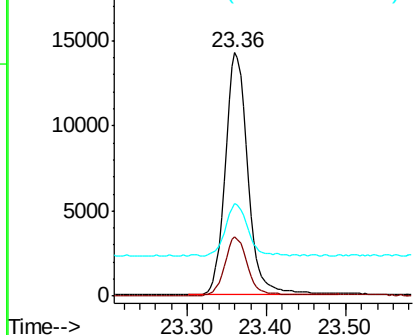


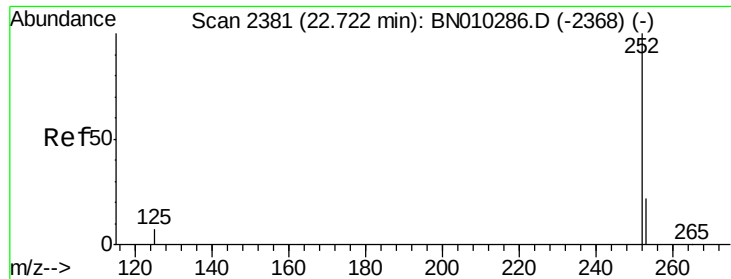
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.36 min Scan# 2566
 Delta R.T. -0.00 min
 Lab File: BN010305.D
 Acq: 20 Mar 2020 10:28

Tgt Ion:264 Resp: 28247
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 38.3 32.4 48.6



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: 0.390 ng

RT: 22.72 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

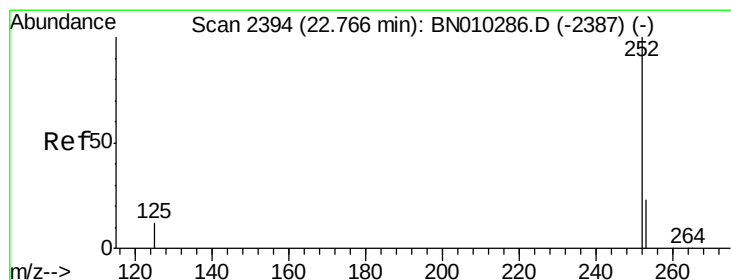
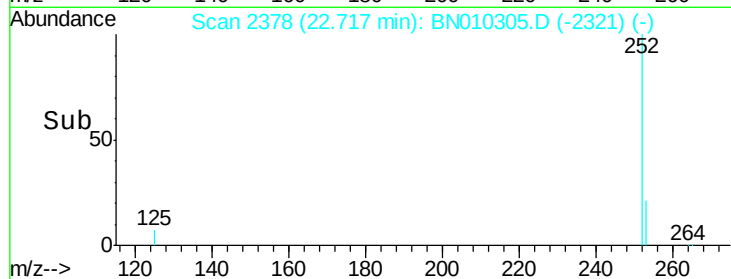
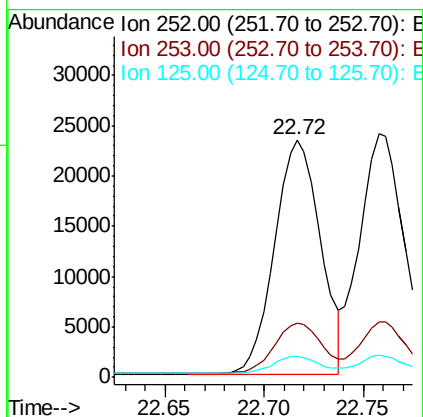
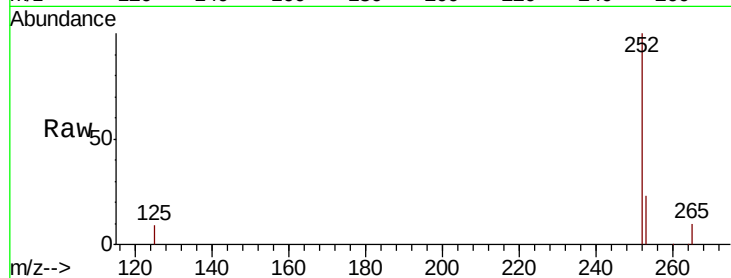
Tot Ion:252 Resp: 37473

Ion Ratio Lower Upper

252 100

253 23.0 19.2 28.8

125 8.7 7.4 11.0



#36

Benzo(k)fluoranthene

Concen: 0.396 ng

RT: 22.76 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

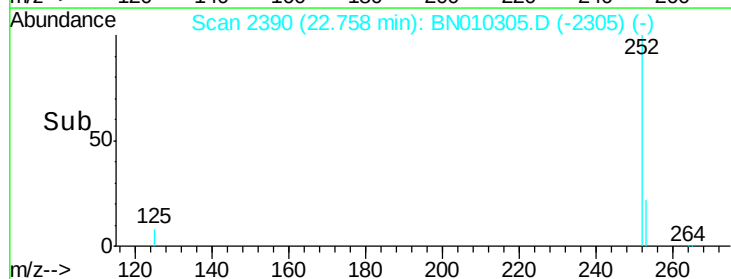
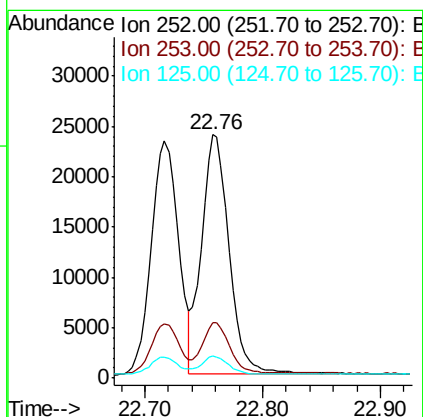
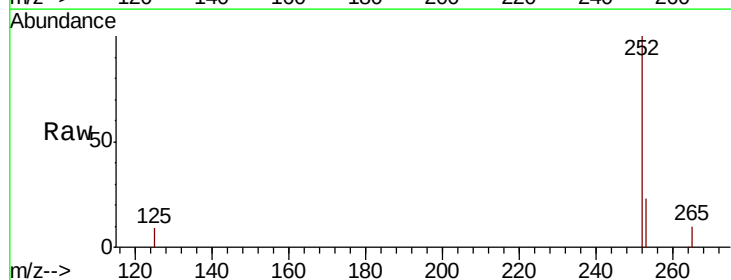
Tgt Ion:252 Resp: 38639

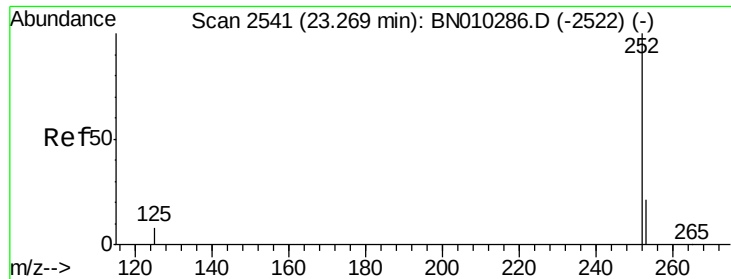
Ion Ratio Lower Upper

252 100

253 23.0 19.4 29.0

125 9.0 10.2 15.2#





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.27 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :

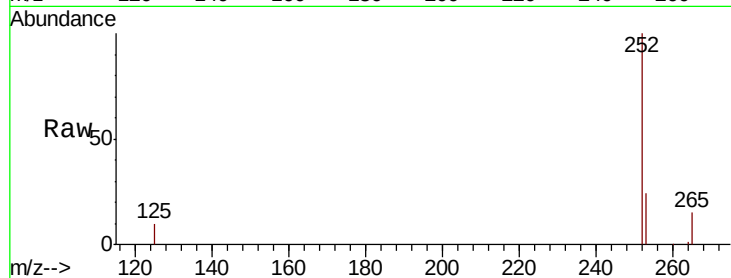
Tot Ion:252 Resp: 31519

Ion Ratio Lower Upper

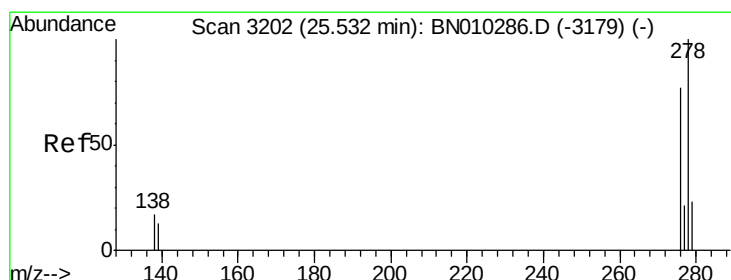
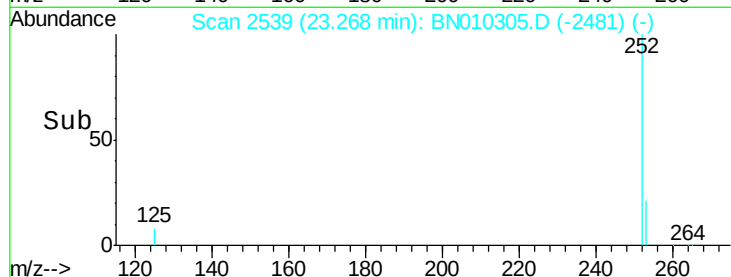
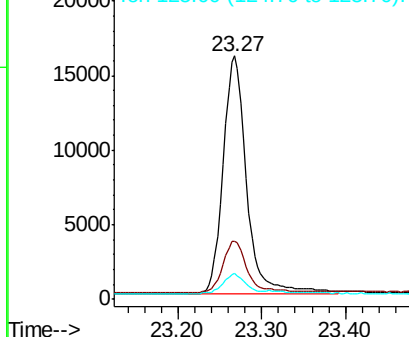
252 100

253 23.9 19.9 29.9

125 10.4 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: 0.383 ng

RT: 25.52 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

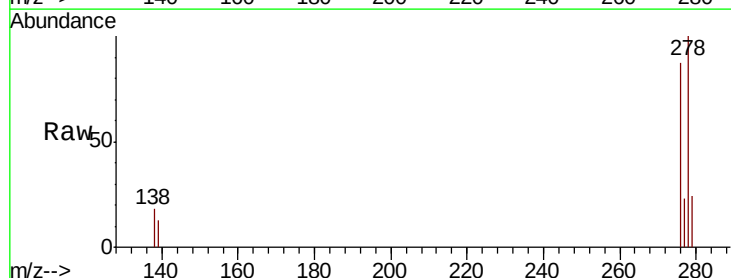
Tgt Ion:278 Resp: 33555

Ion Ratio Lower Upper

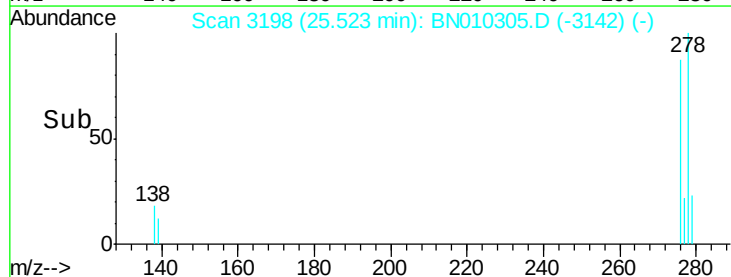
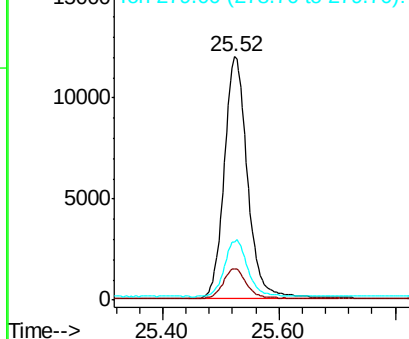
278 100

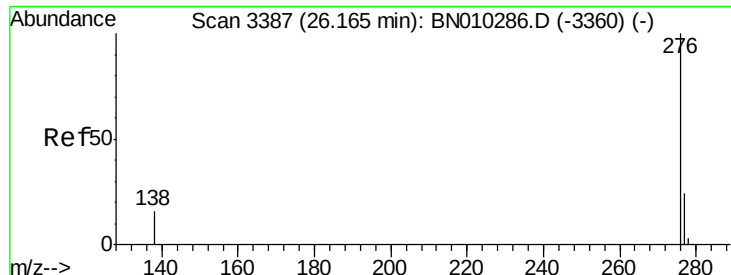
139 12.6 10.6 16.0

279 23.9 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: 0.392 ng

RT: 26.16 min Scan# 3384

Delta R.T. -0.00 min

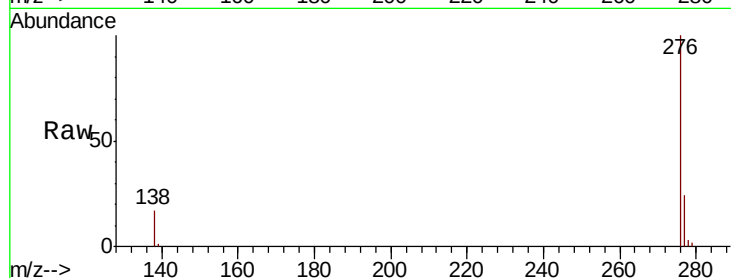
Lab File: BN010305.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 34538

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 16.9 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

