

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010289.D
 Acq On : 19 Mar 2020 14:04
 Operator : CG/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 15:16:12 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	4365	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	14377	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	9156	0.40	ng	0.00
19) Phenanthrene-d10	16.99	188	22119	0.40	ng	0.00
27) Chrysene-d12	21.19	240	24628	0.40	ng	0.00
34) Perylene-d12	23.36	264	23537	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	27444	2.68	ng	0.00
5) Phenol-d6	6.80	99	35134	2.74	ng	0.00
8) Nitrobenzene-d5	8.74	82	30540	3.54	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	76103	3.21	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	14114	4.31	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	110877	3.40	ng	0.00
25) Fluoranthene-d10	19.02	212	225040	3.30	ng	0.00
29) Terphenyl-d14	19.63	244	170996	3.05	ng	0.00

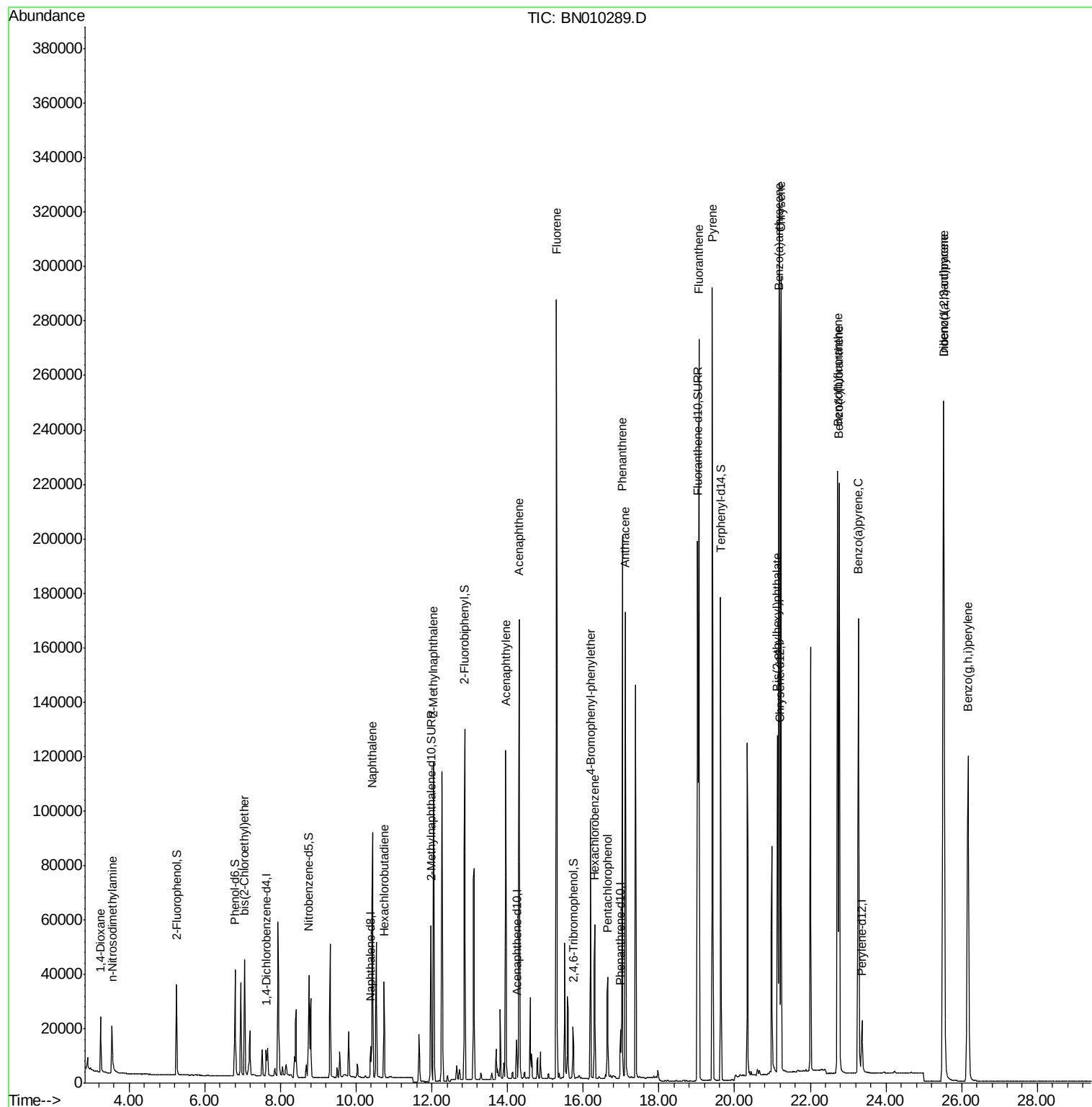
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	12772	2.999	ng	100
3) n-Nitrosodimethylamine	3.54	42	12107	3.210	ng	# 99
6) bis(2-Chloroethyl)ether	7.06	93	32577	3.047	ng	99
9) Naphthalene	10.43	128	115570	3.209	ng	99
10) Hexachlorobutadiene	10.73	225	27351	3.298	ng	# 99
12) 2-Methylnaphthalene	12.05	142	82307	3.182	ng	99
16) Acenaphthylene	13.96	152	127935	3.027	ng	100
17) Acenaphthene	14.30	154	86349	3.368	ng	96
18) Fluorene	15.29	166	114975	3.289	ng	98
20) 4-Bromophenyl-phenylether	16.19	248	44065	3.470	ng	99
21) Hexachlorobenzene	16.31	284	42974	3.465	ng	98
22) Pentachlorophenol	16.65	266	19219	5.019	ng	96
23) Phenanthrene	17.03	178	194033	3.307	ng	100
24) Anthracene	17.11	178	182321	3.118	ng	100
26) Fluoranthene	19.05	202	247230	3.326	ng	100
28) Pyrene	19.42	202	250381	3.044	ng	100
30) Benzo(a)anthracene	21.17	228	265094	3.166	ng	100
31) Chrysene	21.23	228	264895	3.214	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	109551	3.072	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	298223	3.049	ng	99
35) Benzo(b)fluoranthene	22.72	252	268984	3.716	ng	96
36) Benzo(k)fluoranthene	22.76	252	258493	3.535	ng	# 93
37) Benzo(a)pyrene	23.27	252	235884	3.454	ng	# 94
38) Dibenzo(a,h)anthracene	25.53	278	243984	3.561	ng	98
39) Benzo(g,h,i)perylene	26.17	276	242347	3.543	ng	99

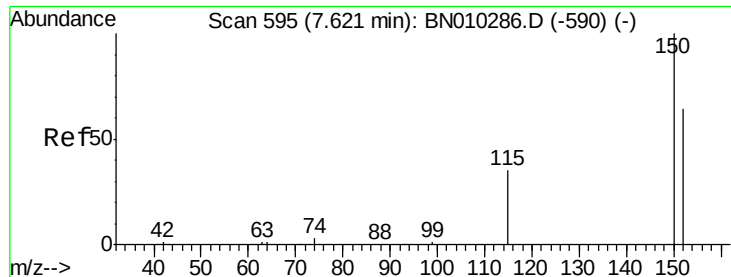
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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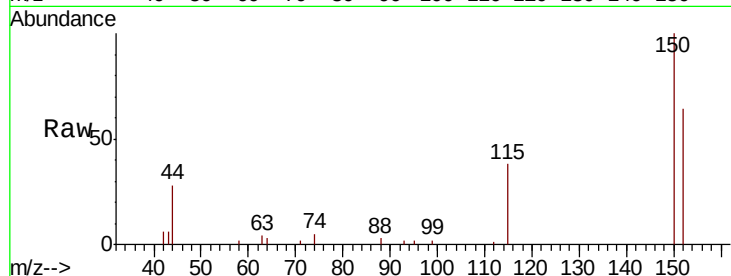


#1

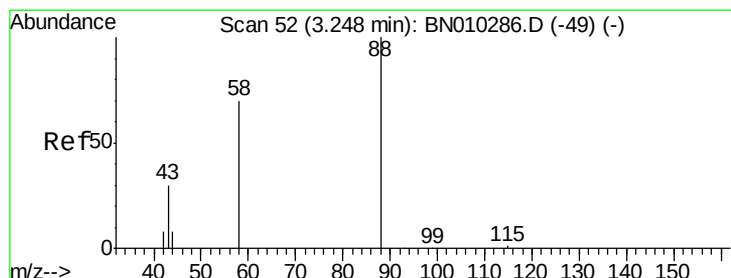
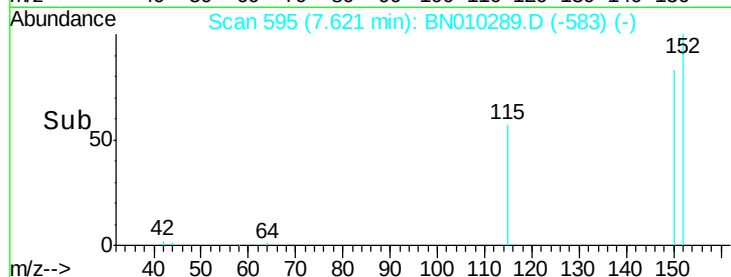
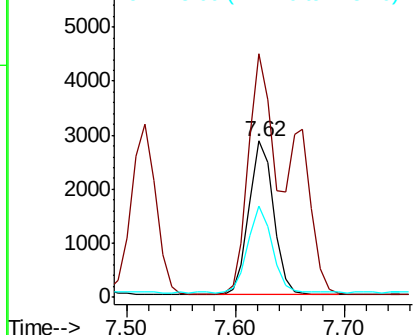
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010289.D
Acq: 19 Mar 2020 14:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4365
Ion Ratio Lower Upper
152 100
150 155.6 123.1 184.7
115 58.6 45.2 67.8



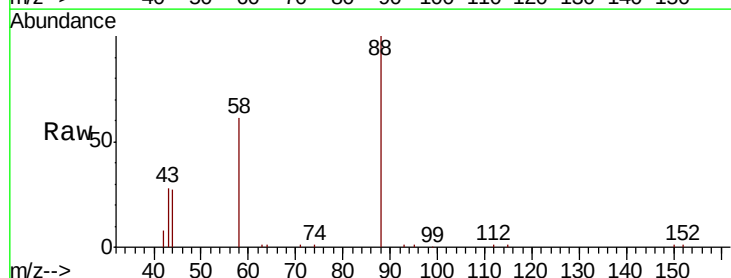
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



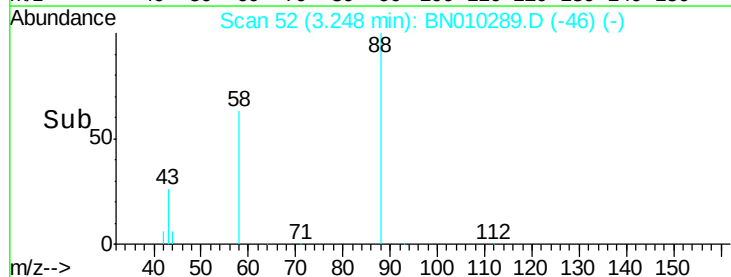
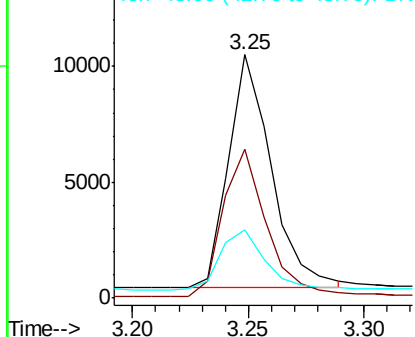
#2

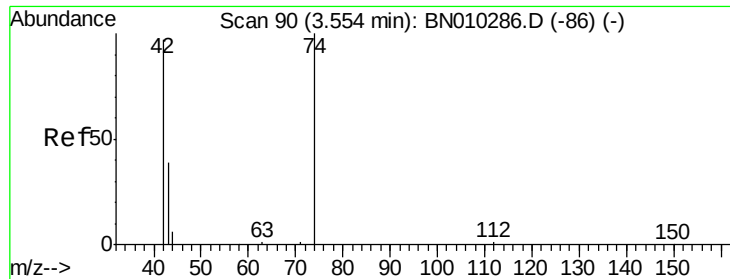
1,4-Dioxane
Concen: 2.999 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010289.D
Acq: 19 Mar 2020 14:04

Tgt Ion: 88 Resp: 12772
Ion Ratio Lower Upper
88 100
58 64.7 51.7 77.5
43 26.9 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: 3.210 ng

RT: 3.54 min Scan# 88

Delta R.T. -0.02 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

ClientSampleId :

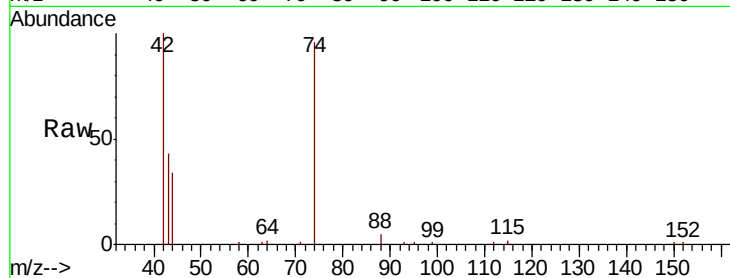
Tot Ion: 42 Resp: 12107

Ion Ratio Lower Upper

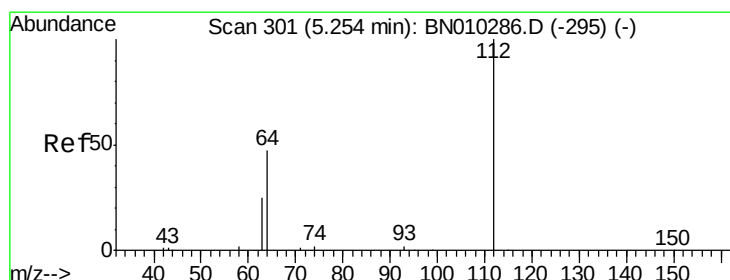
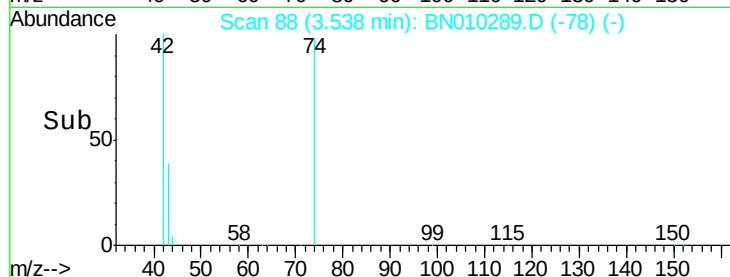
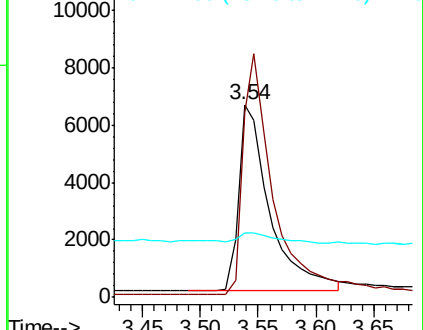
42 100

74 124.9 99.4 149.0

44 7.6 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: 2.680 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

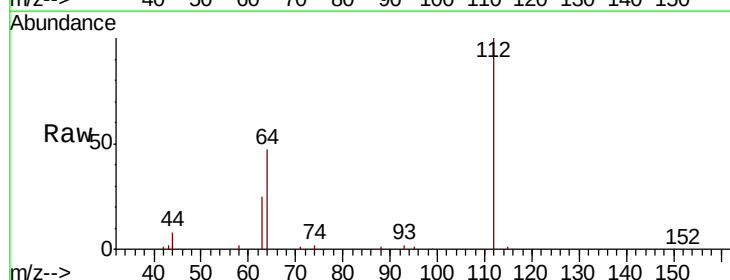
Tgt Ion: 112 Resp: 27444

Ion Ratio Lower Upper

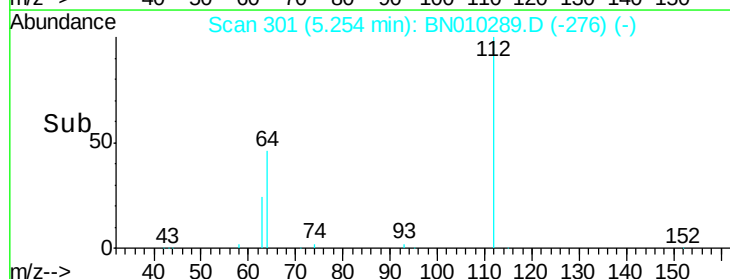
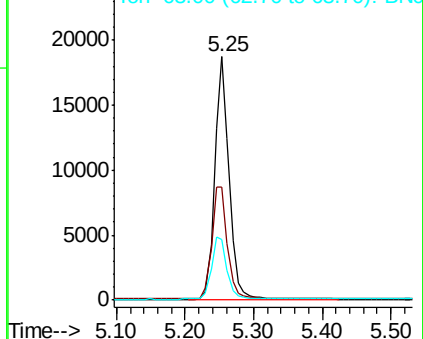
112 100

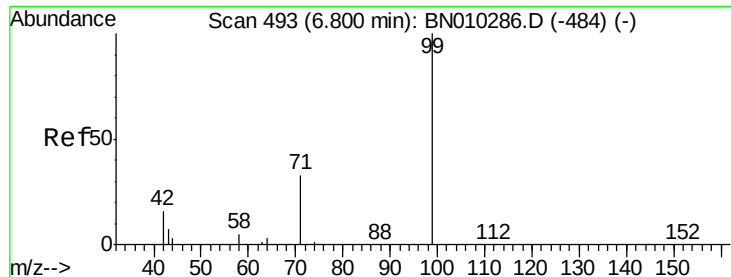
64 50.9 41.4 62.2

63 27.7 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: 2.744 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

ClientSampleId :

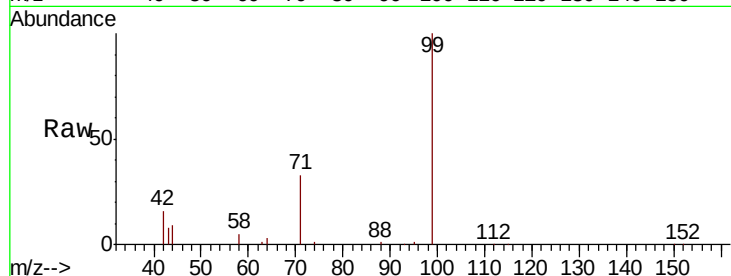
Tot Ion: 99 Resp: 35134

Ion Ratio Lower Upper

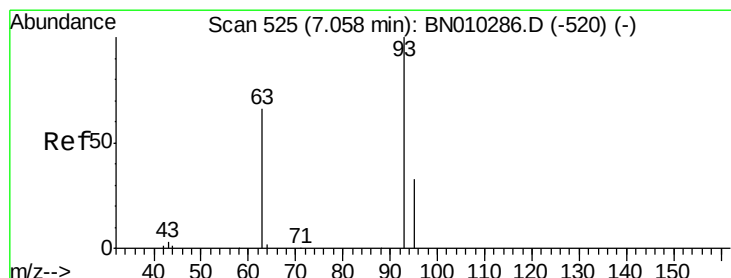
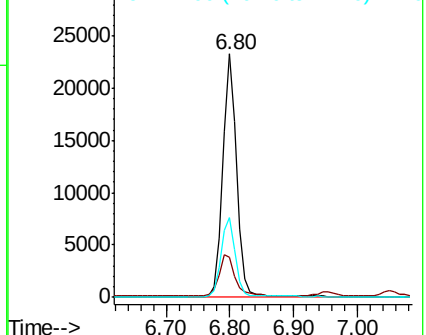
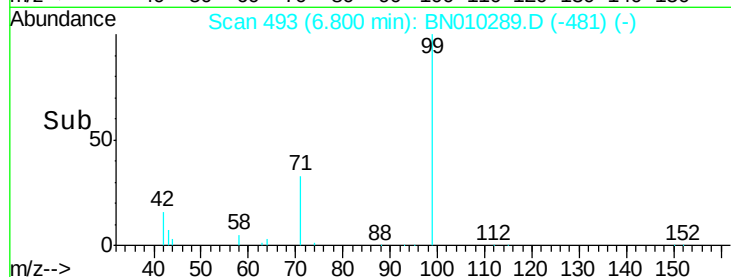
99 100

42 18.6 14.8 22.2

71 33.4 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010289.D (-481) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.047 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

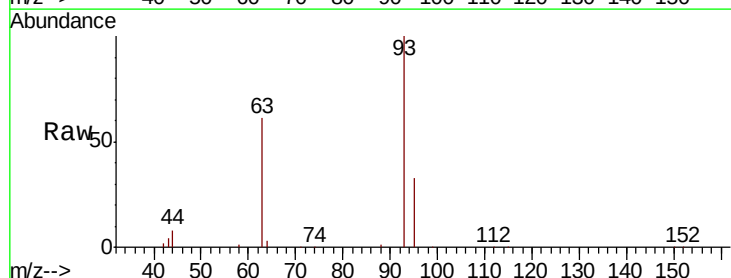
Tgt Ion: 93 Resp: 32577

Ion Ratio Lower Upper

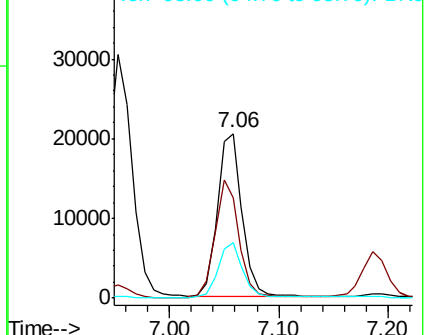
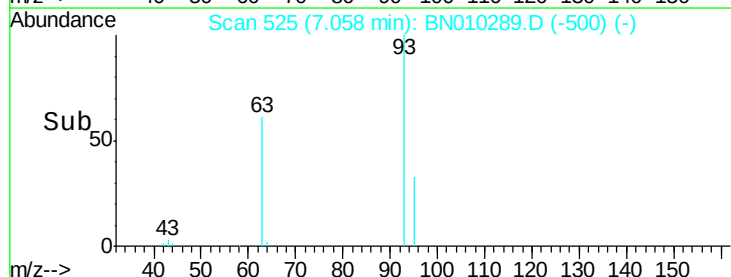
93 100

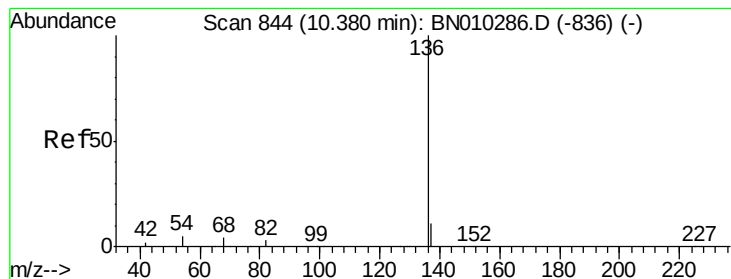
63 69.0 55.6 83.4

95 33.4 26.2 39.4



Abundance Ion 93.00 (92.70 to 93.70): BN010289.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 14377

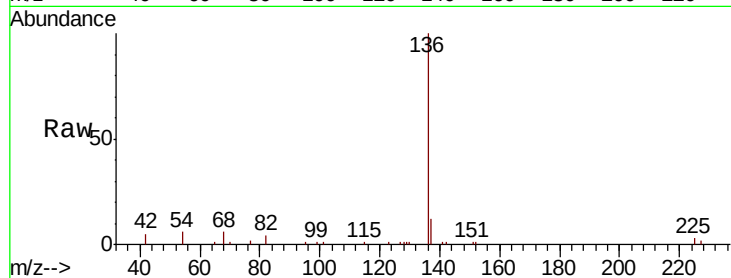
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 6.4 4.8 7.2

68 5.6 4.1 6.1

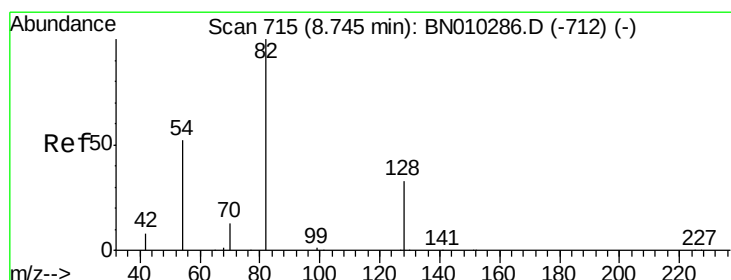
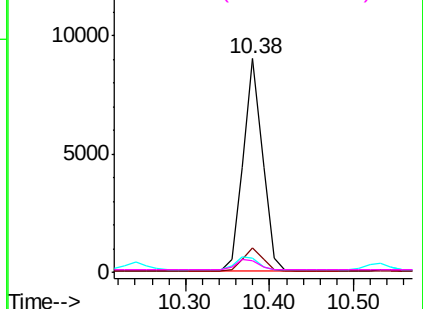
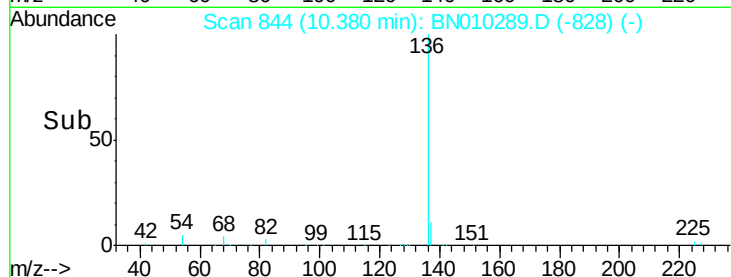


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.542 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

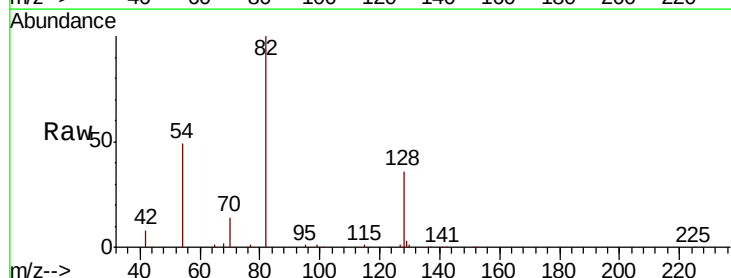
Tgt Ion: 82 Resp: 30540

Ion Ratio Lower Upper

82 100

128 36.0 28.8 43.2

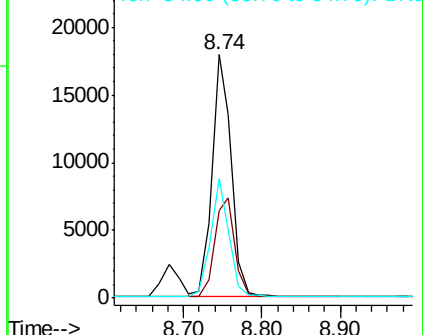
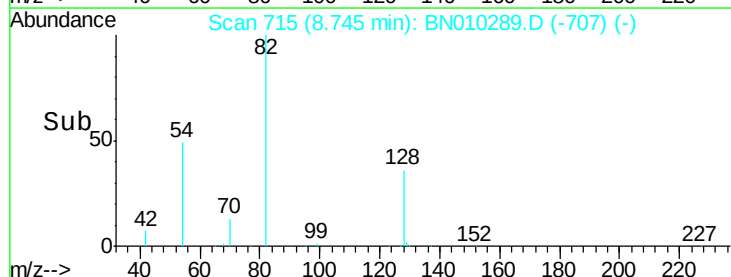
54 49.1 42.1 63.1

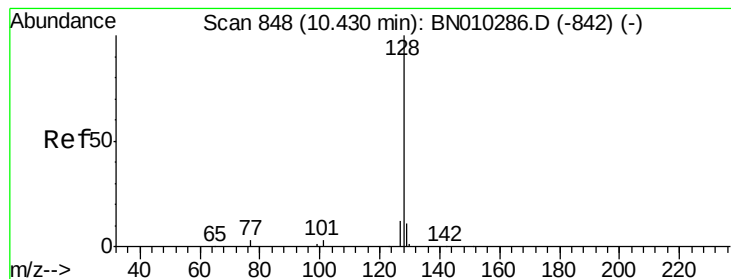


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.209 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

ClientSampleId :

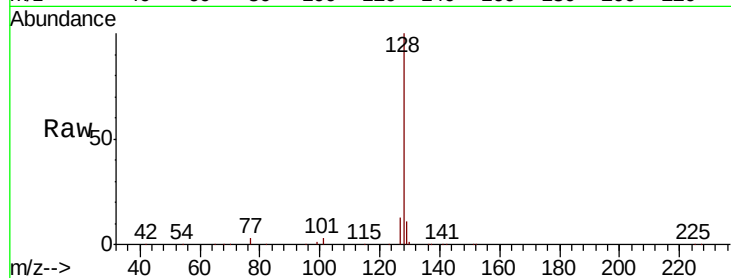
Tot Ion:128 Resp: 115570

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

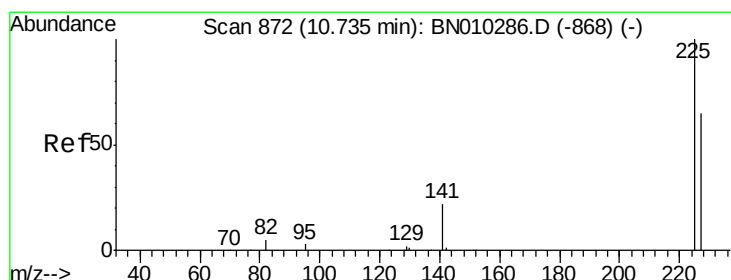
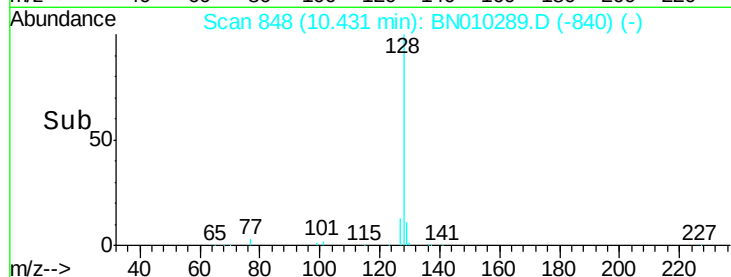
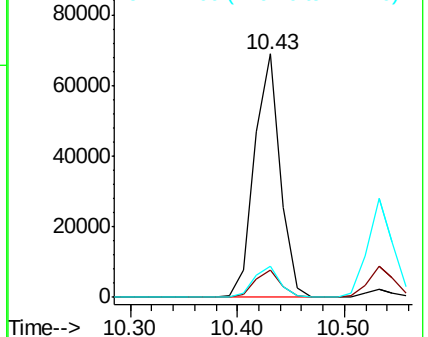
127 12.9 10.4 15.6



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: 3.298 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

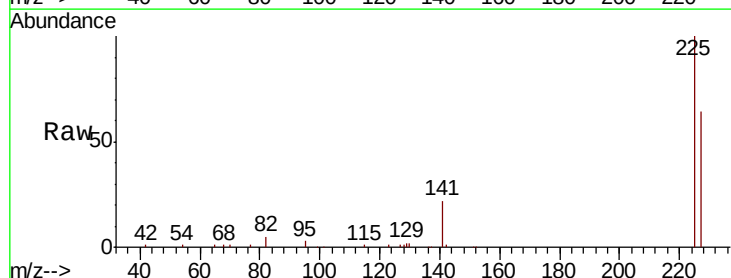
Tgt Ion:225 Resp: 27351

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

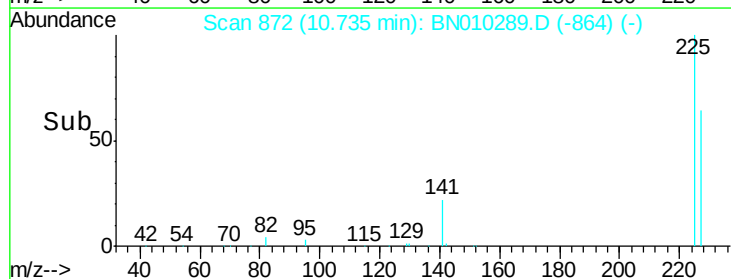
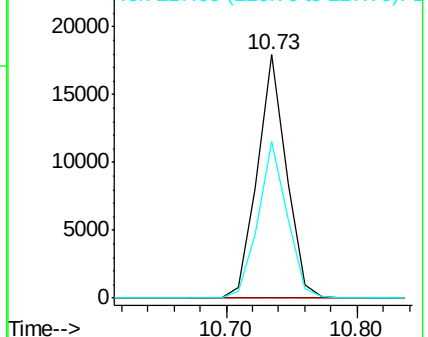
227 63.8 51.9 77.9

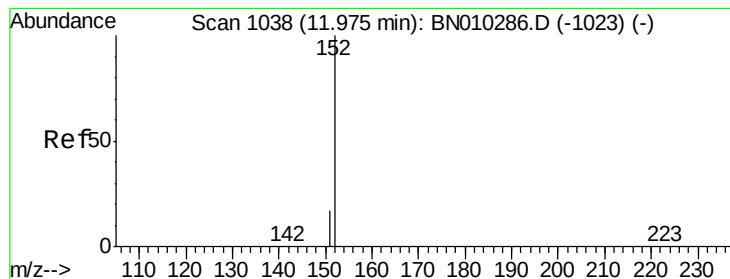


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.205 ng

RT: 11.97 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

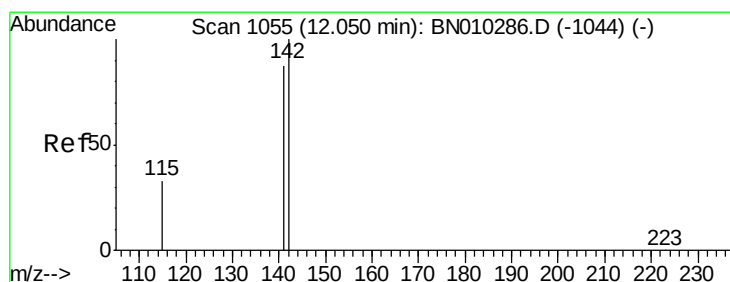
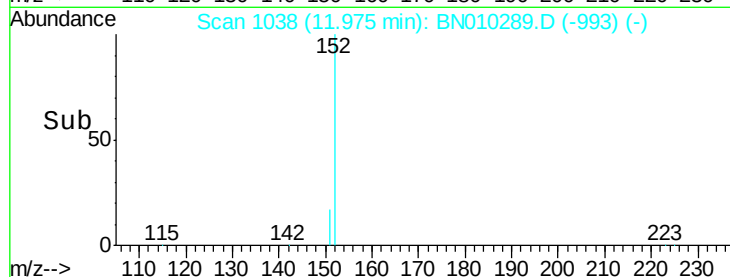
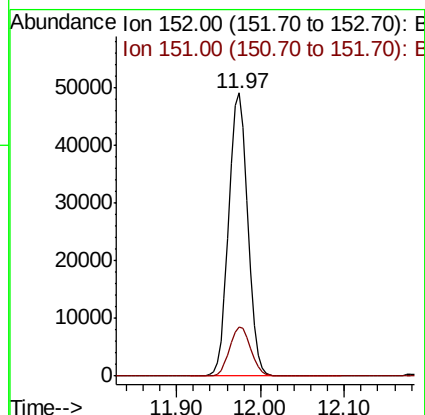
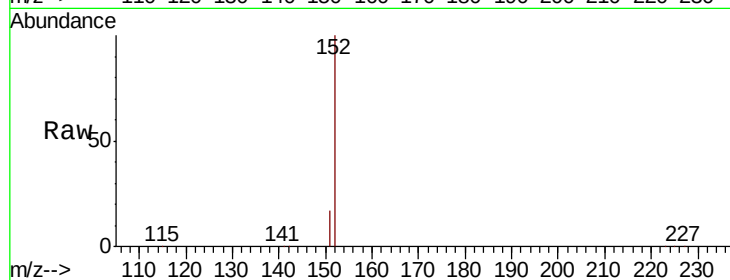
ClientSampleId :

Tot Ion:152 Resp: 76103

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.2



#12

2-Methylnaphthalene

Concen: 3.182 ng

RT: 12.05 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

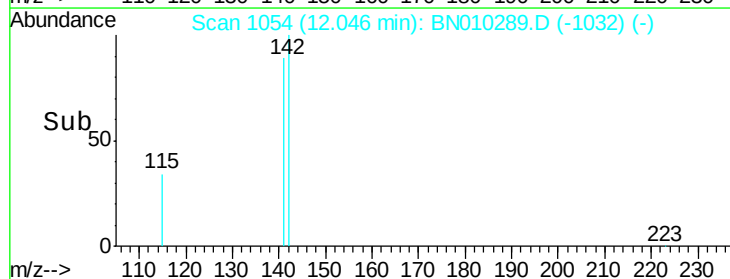
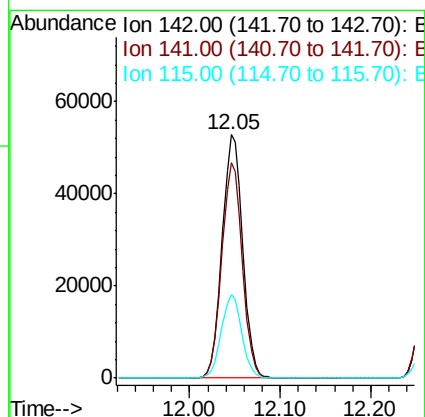
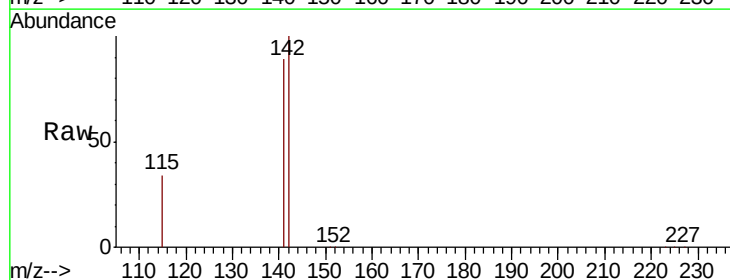
Tgt Ion:142 Resp: 82307

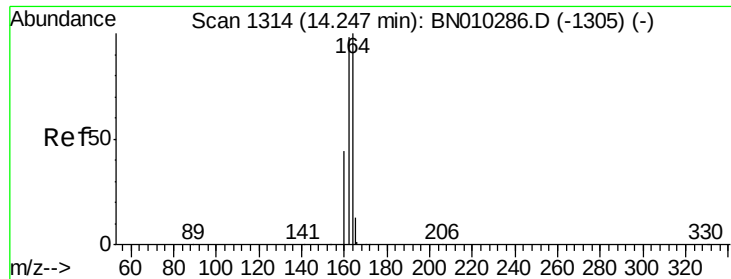
Ion Ratio Lower Upper

142 100

141 88.7 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: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

ClientSampleId :

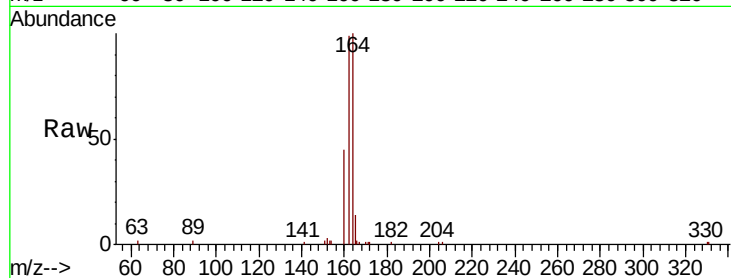
Tot Ion:164 Resp: 9156

Ion Ratio Lower Upper

164 100

162 99.3 78.2 117.2

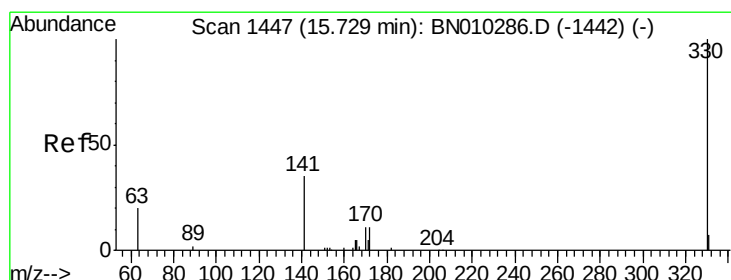
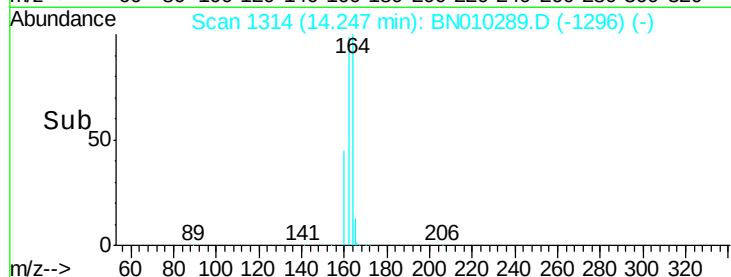
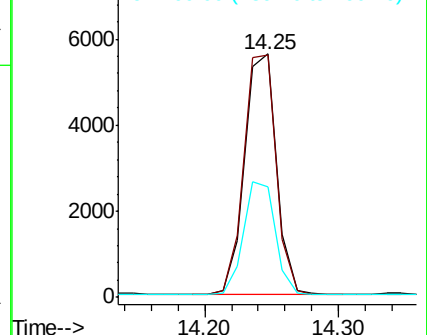
160 45.2 35.8 53.6



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: 4.307 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

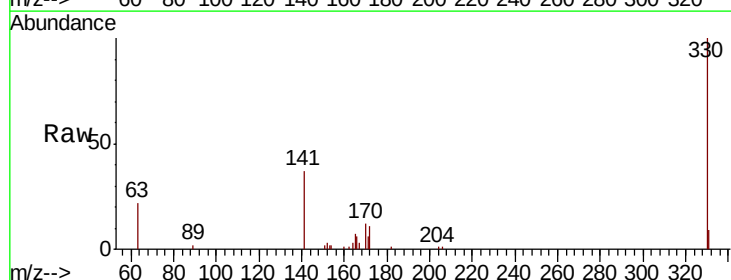
Tgt Ion:330 Resp: 14114

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

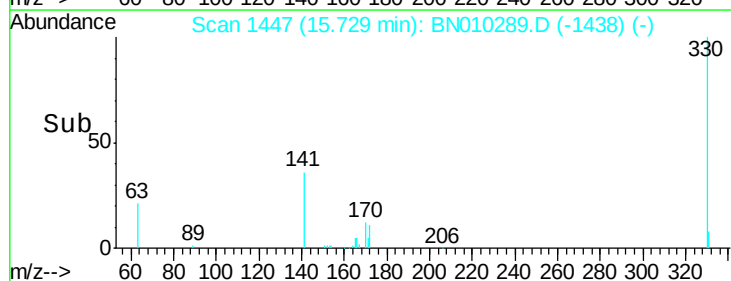
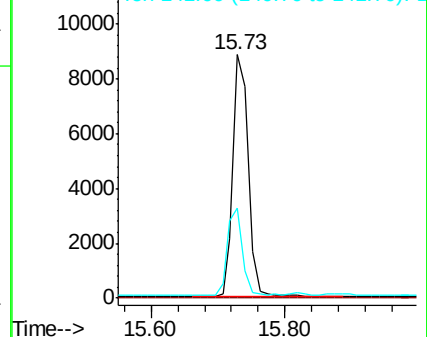
141 35.2 29.3 43.9

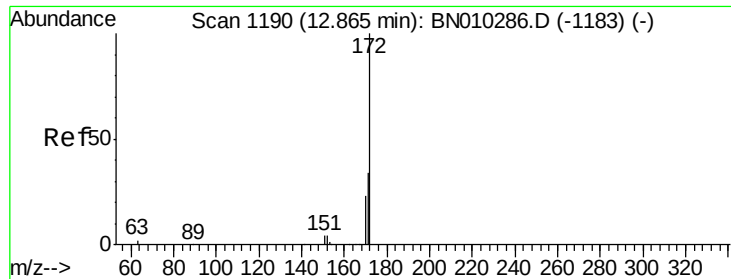


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

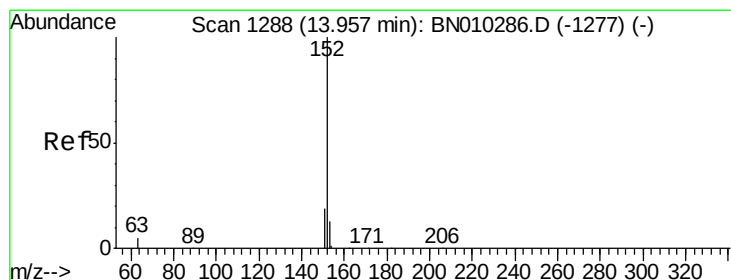
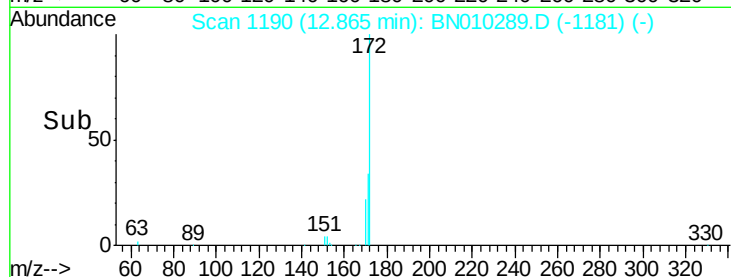
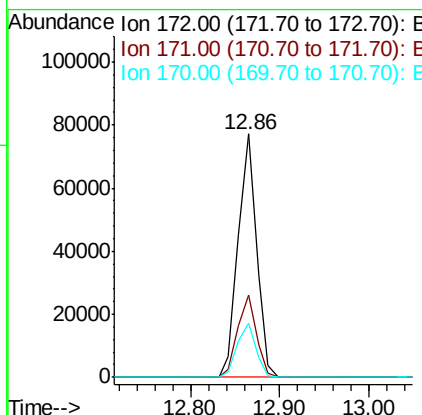
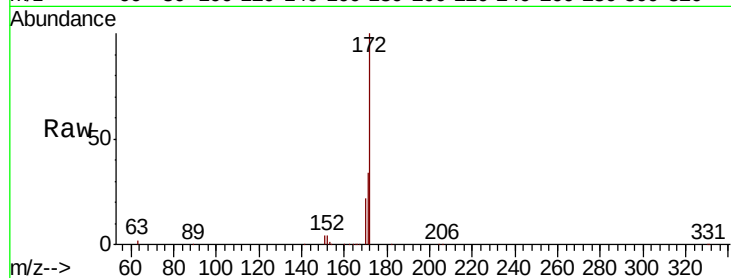




#15
2-Fluorobiphenyl
Concen: 3.401 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010289.D
Acq: 19 Mar 2020 14:04

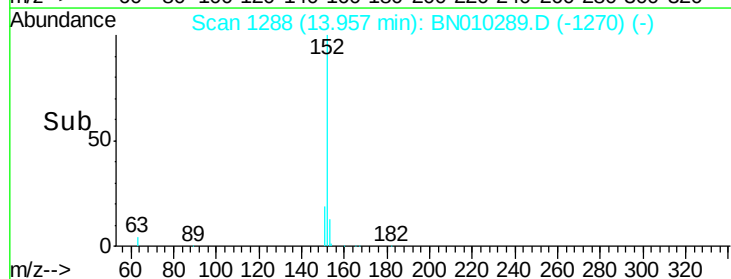
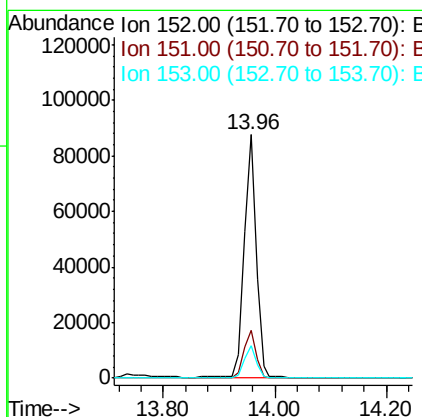
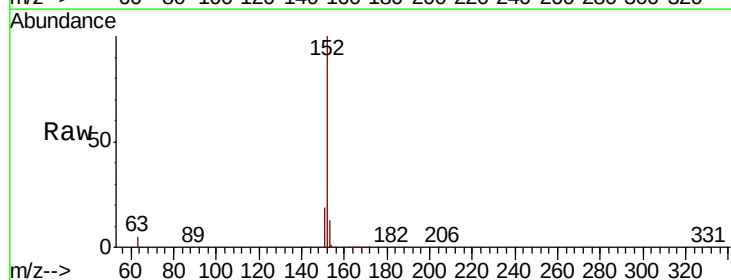
Instrument :
BNA_N
ClientSampled :

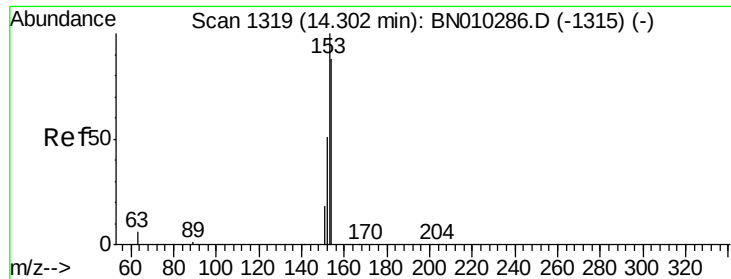
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.6	41.4
170	22.3	18.5	27.7



#16
Acenaphthylene
Concen: 3.027 ng
RT: 13.96 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN010289.D
Acq: 19 Mar 2020 14:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.1	10.6	15.8

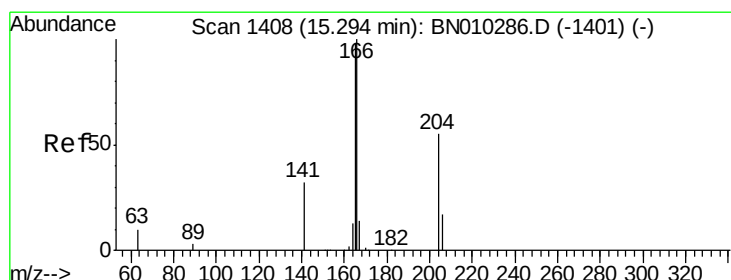
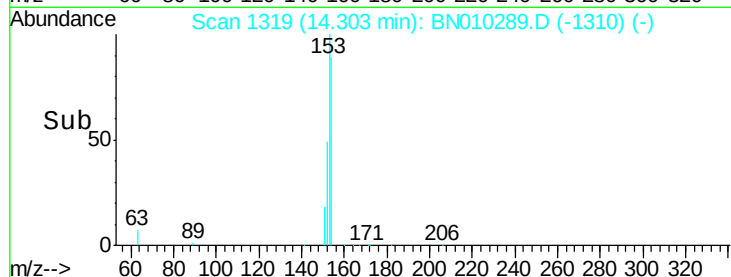
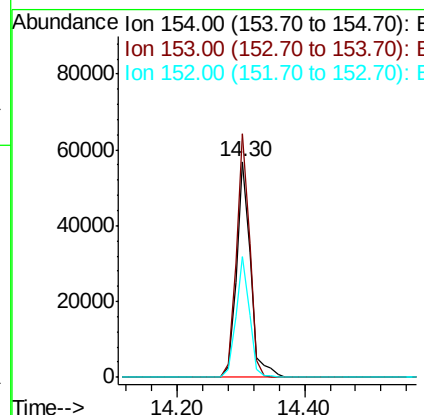
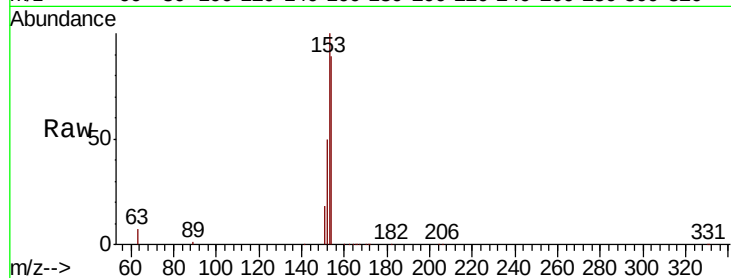




#17
Acenaphthene
Concen: 3.368 ng
RT: 14.30 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN010289.D
Acq: 19 Mar 2020 14:04

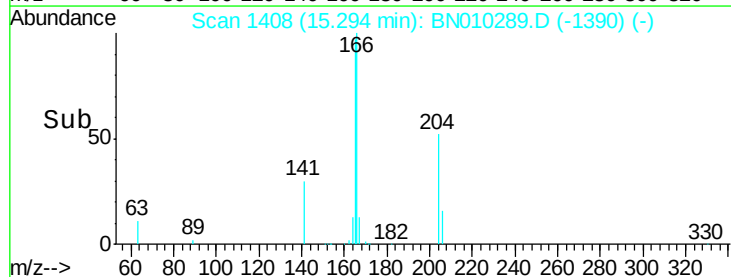
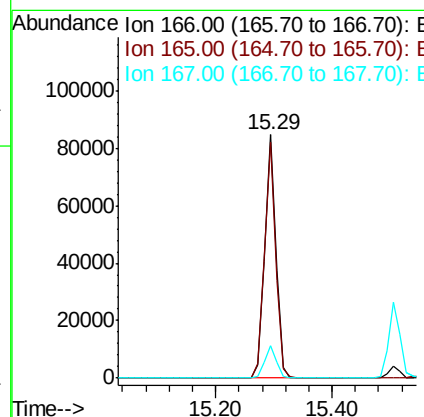
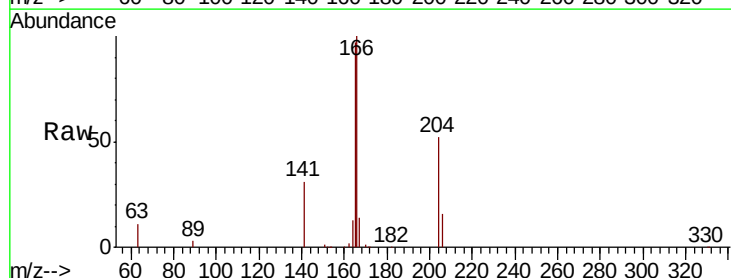
Instrument :
BNA_N
ClientSampleId :

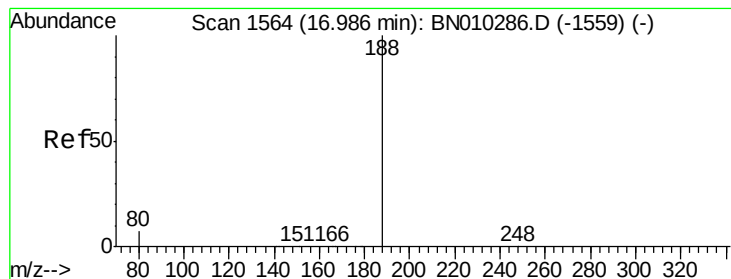
Tot Ion:154 Resp: 86349
Ion Ratio Lower Upper
154 100
153 106.7 88.1 132.1
152 53.1 45.5 68.3



#18
Fluorene
Concen: 3.289 ng
RT: 15.29 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BN010289.D
Acq: 19 Mar 2020 14:04

Tgt Ion:166 Resp: 114975
Ion Ratio Lower Upper
166 100
165 96.6 78.7 118.1
167 13.5 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: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

ClientSampleId :

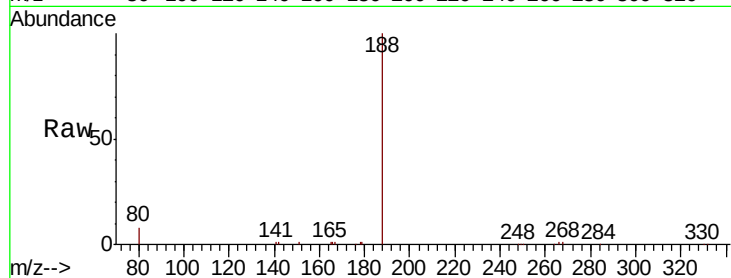
Tot Ion:188 Resp: 22119

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

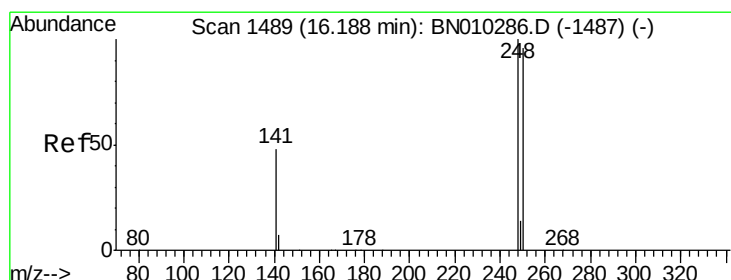
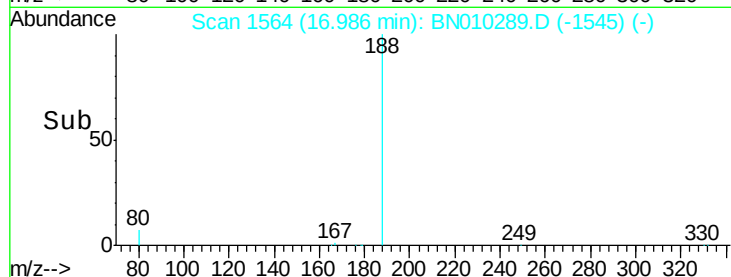
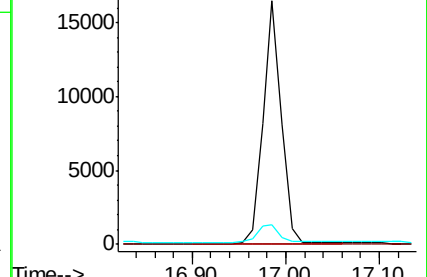
80 8.1 6.0 9.0



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: 3.470 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

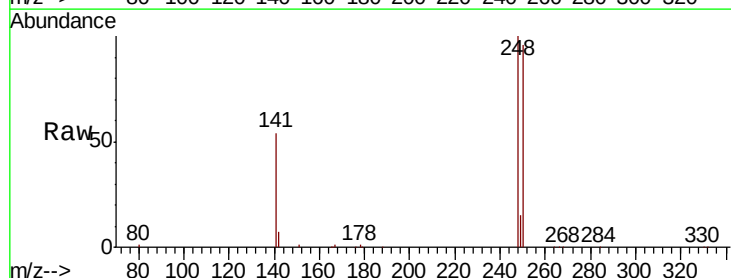
Tgt Ion:248 Resp: 44065

Ion Ratio Lower Upper

248 100

250 95.7 76.8 115.2

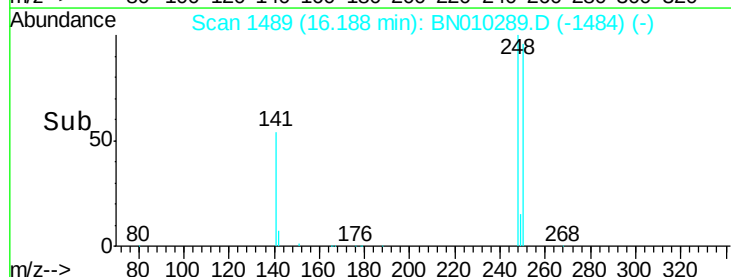
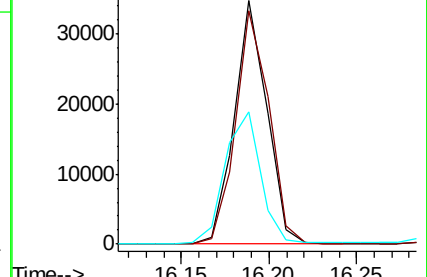
141 54.3 44.4 66.6

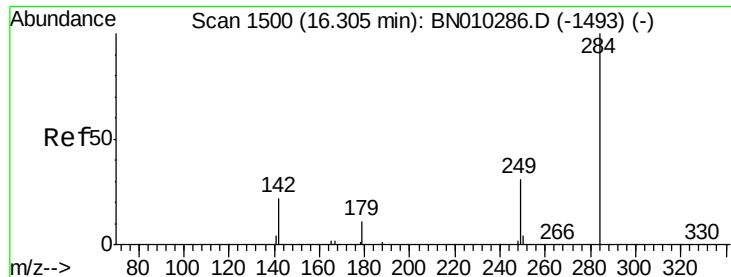


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

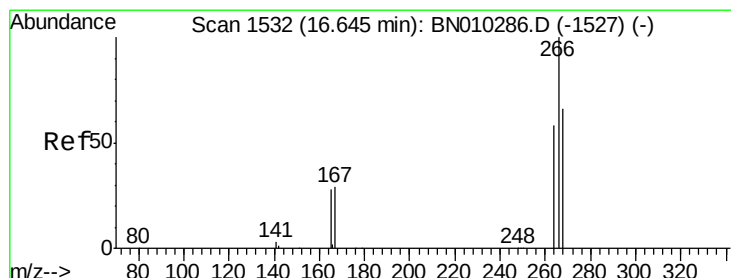
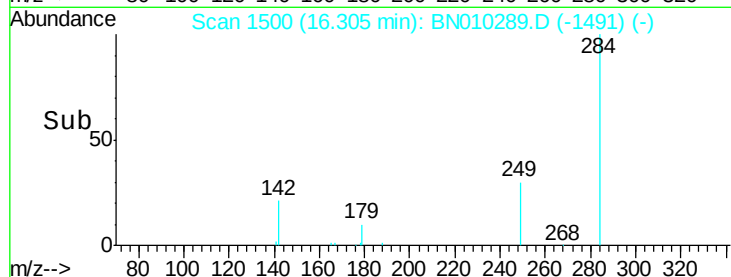
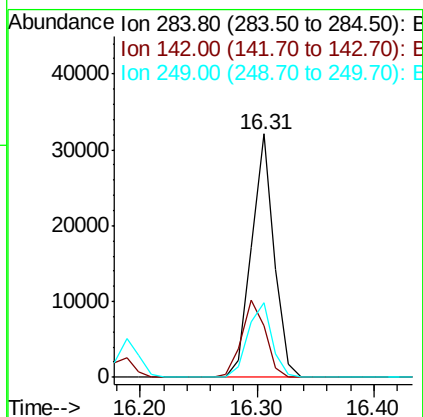
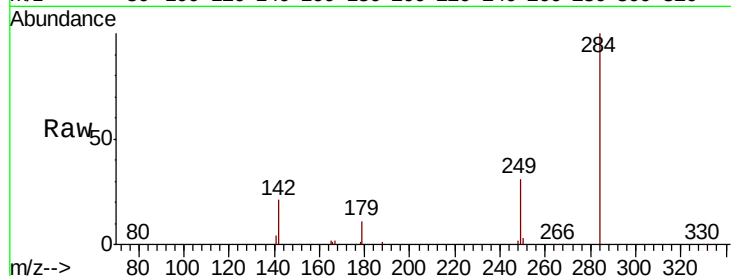




#21
Hexachlorobenzene
Concen: 3.465 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010289.D
Acq: 19 Mar 2020 14:04

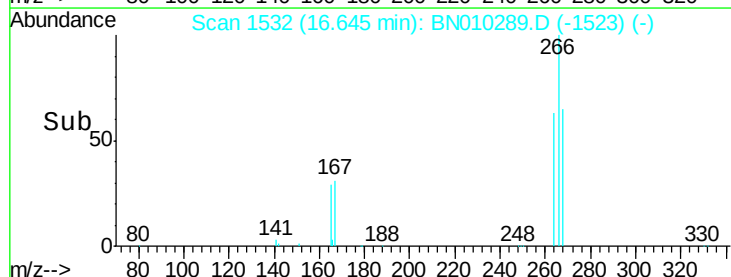
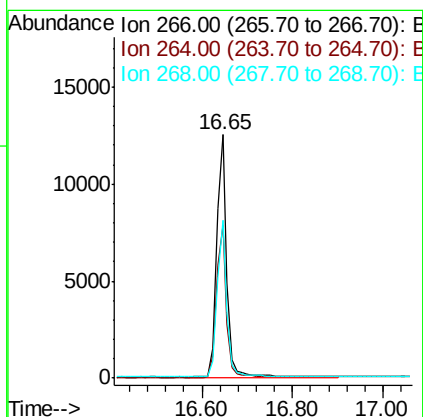
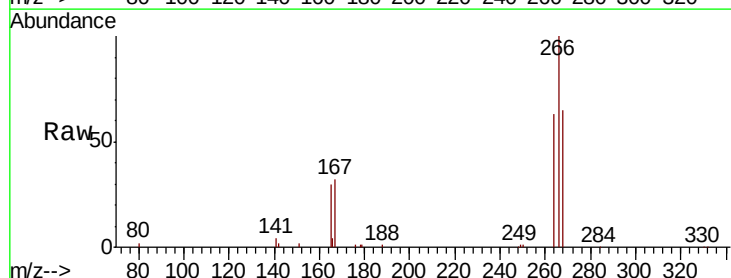
Instrument :
BNA_N
ClientSampleId :

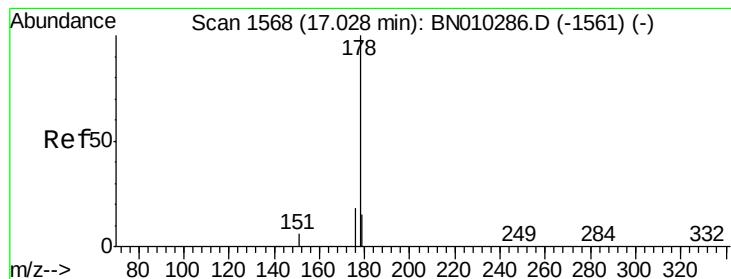
Tot Ion:284 Resp: 42974
Ion Ratio Lower Upper
284 100
142 33.0 27.4 41.2
249 32.5 26.5 39.7



#22
Pentachlorophenol
Concen: 5.019 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010289.D
Acq: 19 Mar 2020 14:04

Tgt Ion:266 Resp: 19219
Ion Ratio Lower Upper
266 100
264 62.8 47.7 71.5
268 64.9 54.9 82.3





#23

Phenanthrene

Concen: 3.307 ng

RT: 17.03 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

ClientSampleId :

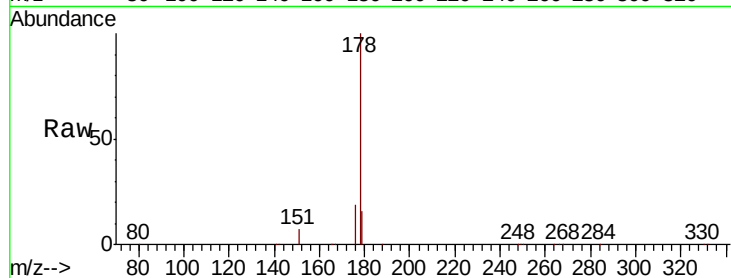
Tot Ion:178 Resp: 194033

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

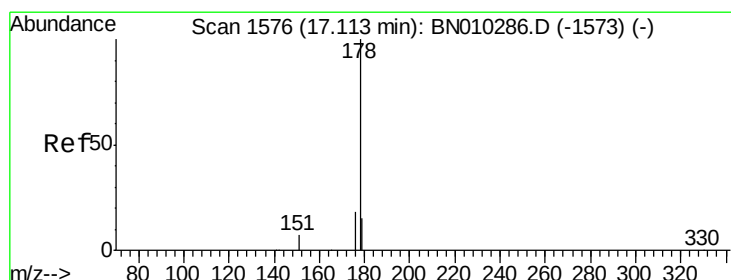
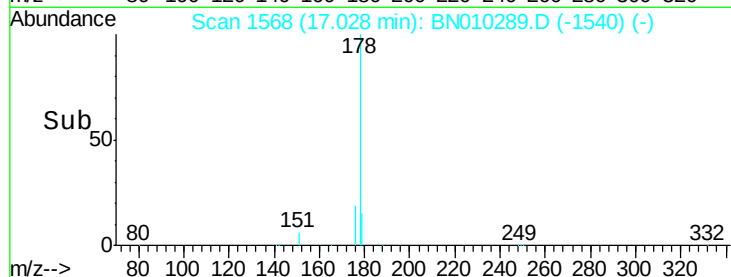
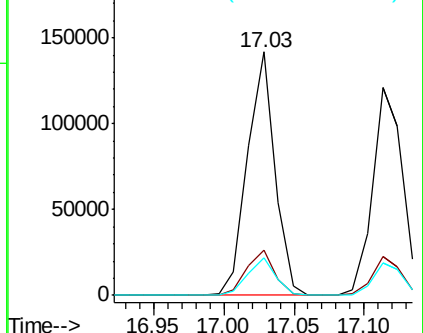
179 15.4 12.4 18.6



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: 3.118 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

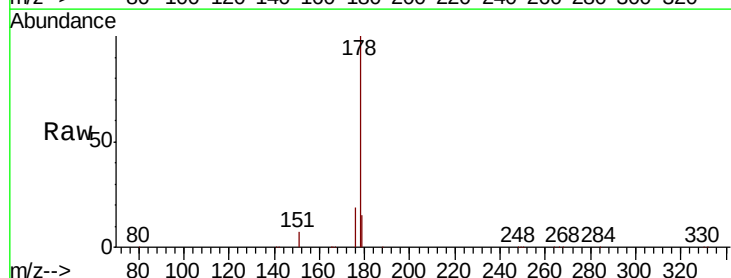
Tgt Ion:178 Resp: 182321

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

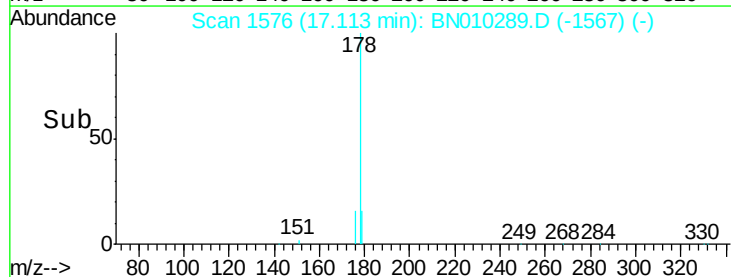
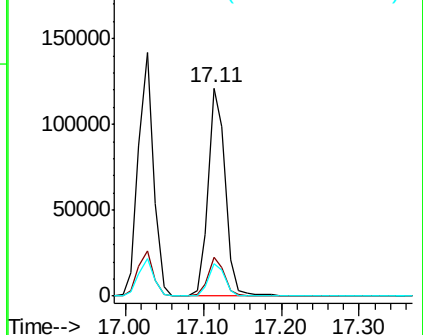
179 15.3 12.3 18.5

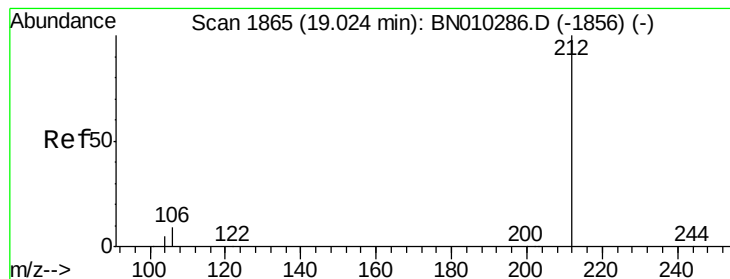


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.295 ng

RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

ClientSampleId :

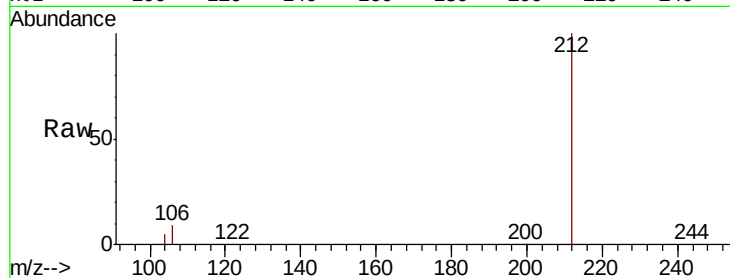
Tot Ion:212 Resp: 225040

Ion Ratio Lower Upper

212 100

106 9.5 7.4 11.2

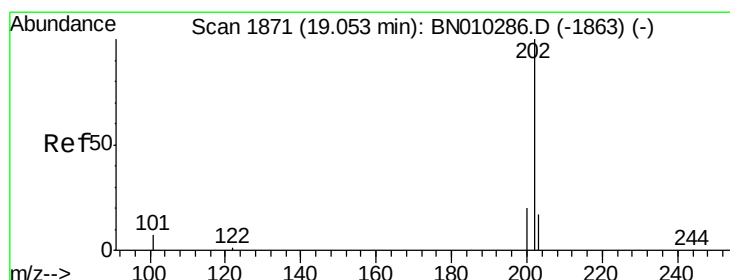
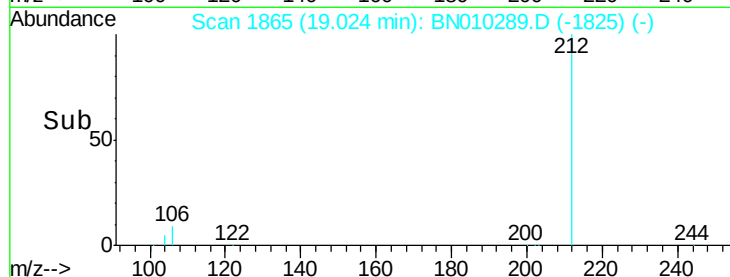
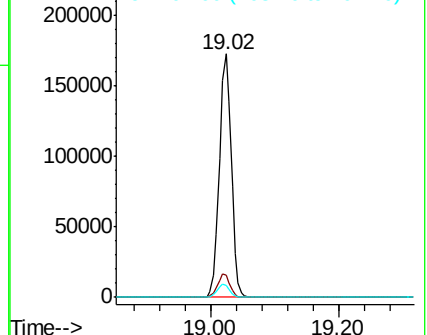
104 5.4 4.2 6.4



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



#26

Fluoranthene

Concen: 3.326 ng

RT: 19.05 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

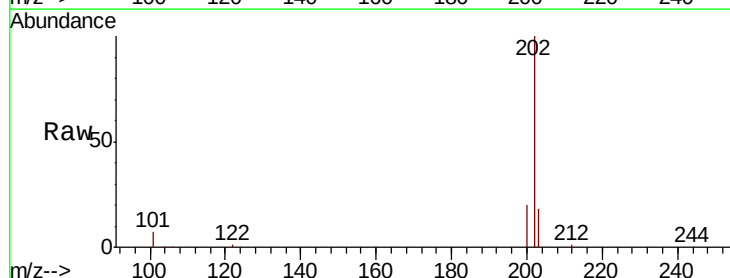
Tgt Ion:202 Resp: 247230

Ion Ratio Lower Upper

202 100

101 8.1 6.6 9.8

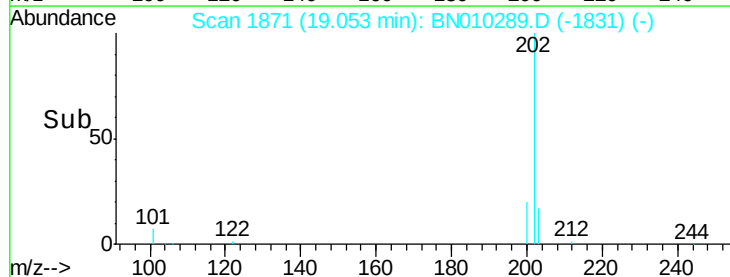
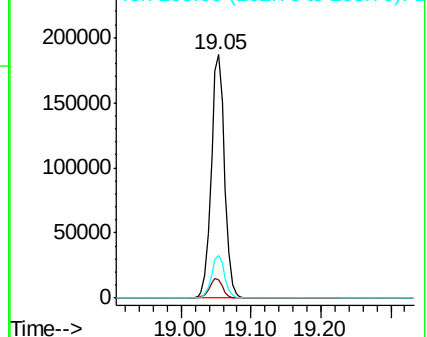
203 17.3 13.8 20.8

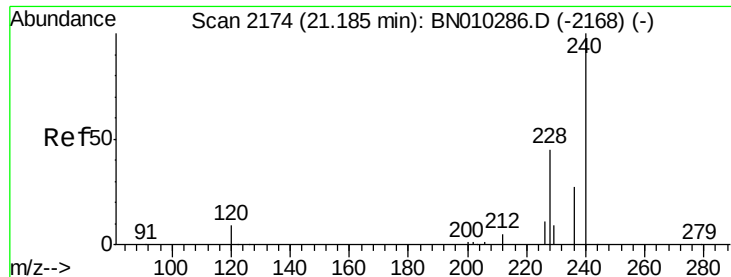


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

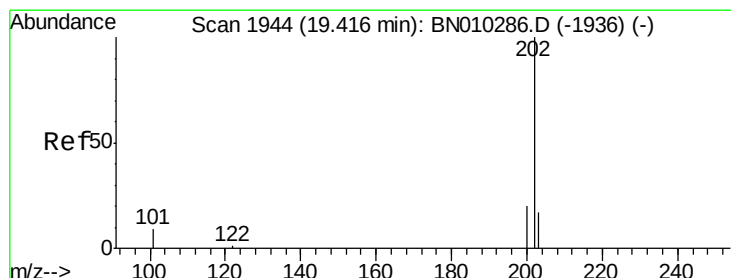
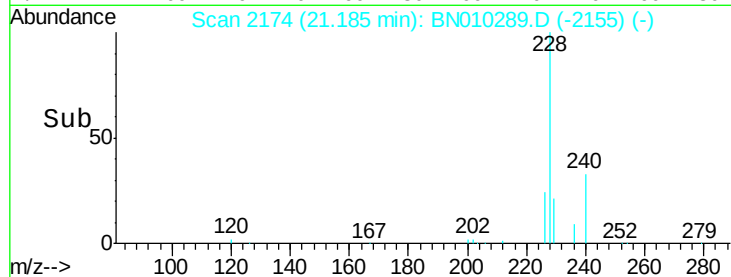
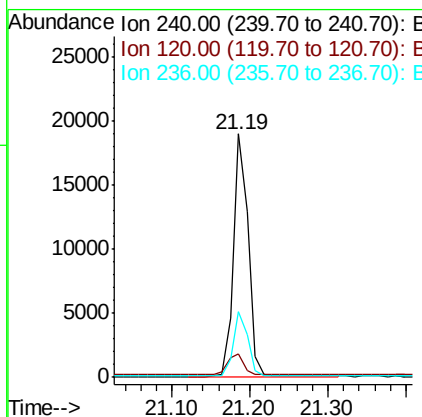
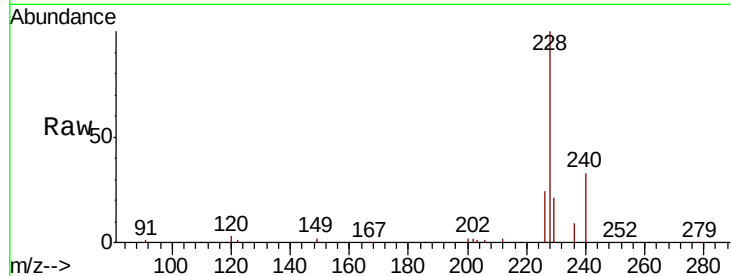




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BN010289.D
 Acq: 19 Mar 2020 14:04

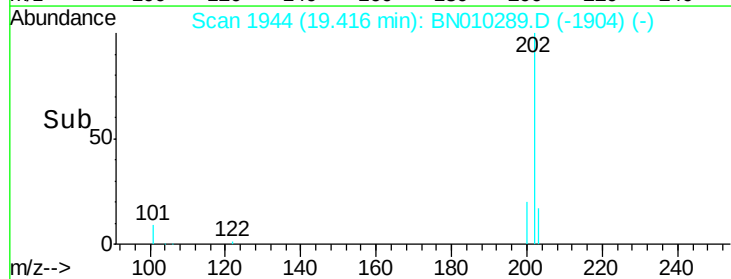
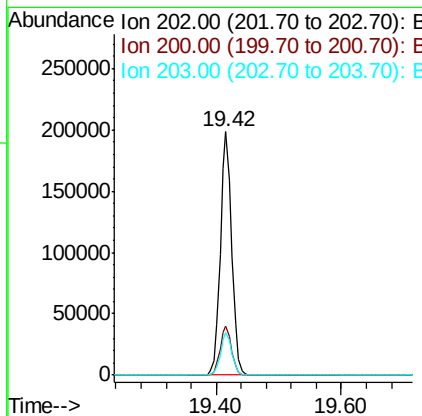
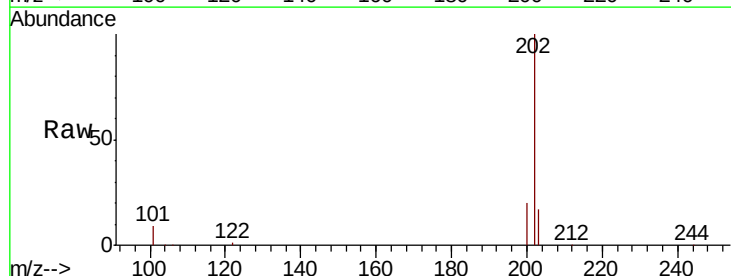
Instrument :
 BNA_N
 ClientSampleId :

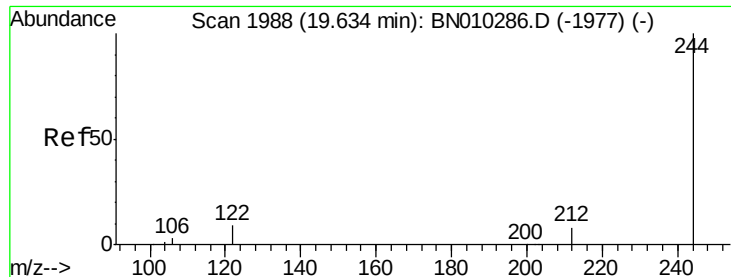
Tot Ion:240 Resp: 24628
 Ion Ratio Lower Upper
 240 100
 120 9.5 7.9 11.9
 236 26.9 22.2 33.4



#28
 Pyrene
 Concen: 3.044 ng
 RT: 19.42 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BN010289.D
 Acq: 19 Mar 2020 14:04

Tgt Ion:202 Resp: 250381
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.2 24.4
 203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 3.045 ng

RT: 19.63 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

ClientSampleId :

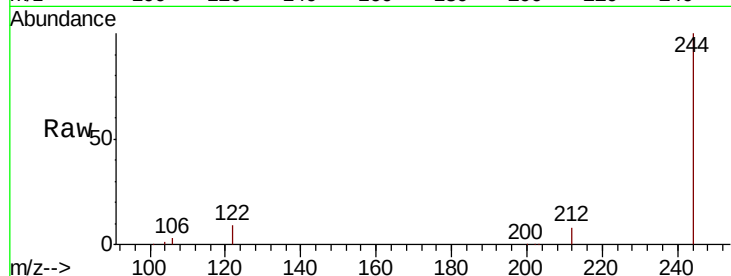
Tot Ion:244 Resp: 170996

Ion Ratio Lower Upper

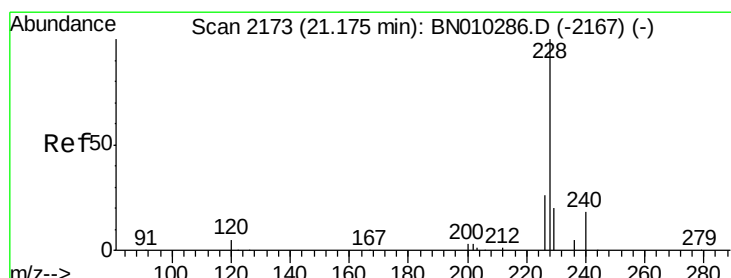
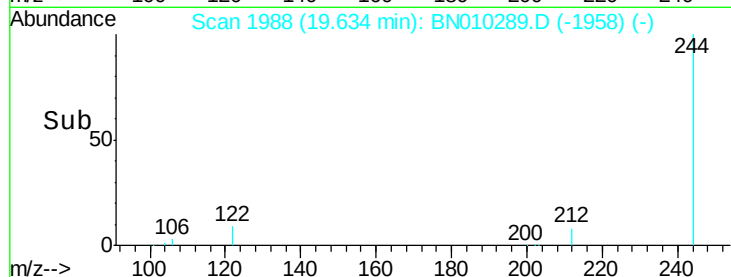
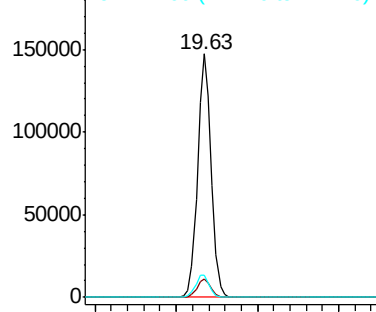
244 100

212 7.6 6.3 9.5

122 8.9 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: 3.166 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

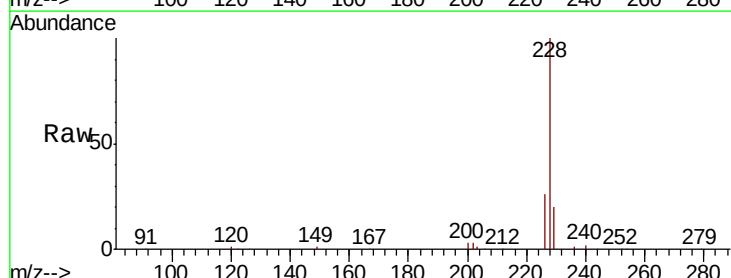
Tgt Ion:228 Resp: 265094

Ion Ratio Lower Upper

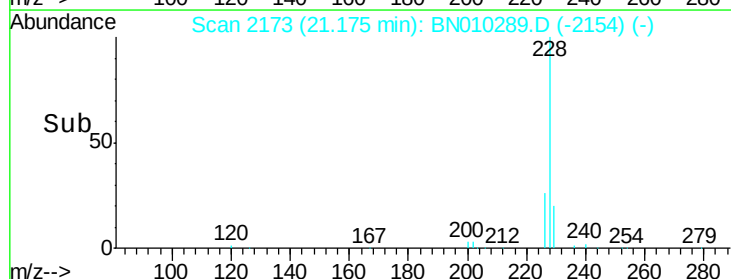
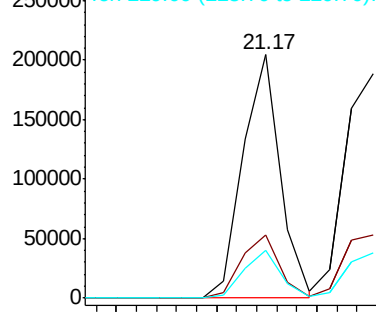
228 100

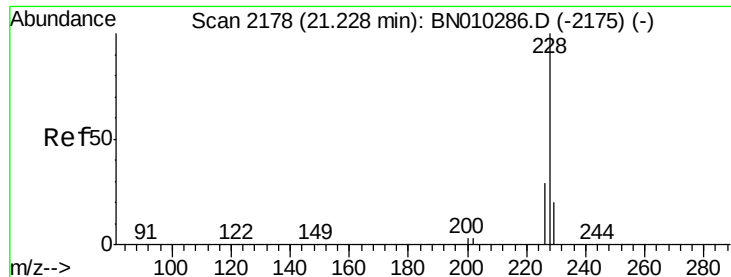
226 26.0 21.0 31.4

229 19.7 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

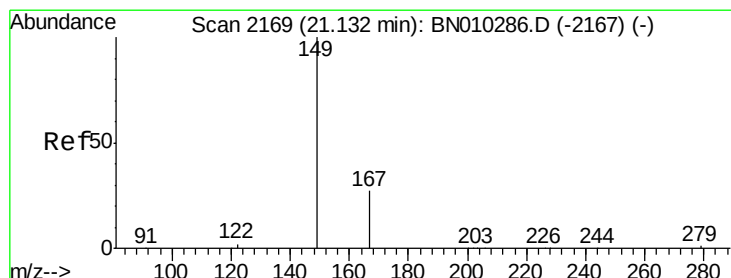
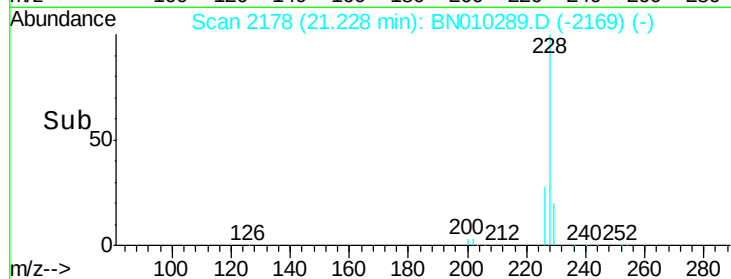
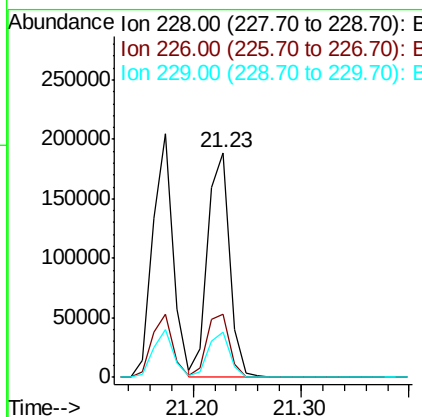
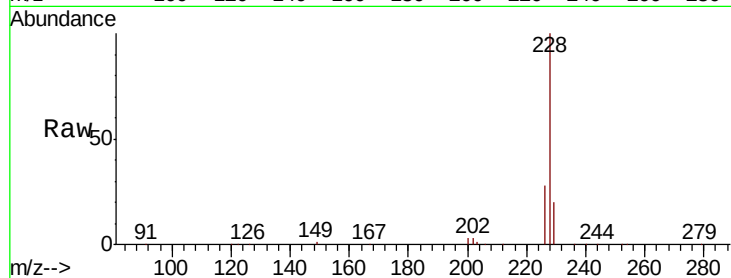




#31
 Chrysene
 Concen: 3.214 ng
 RT: 21.23 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BN010289.D
 Acq: 19 Mar 2020 14:04

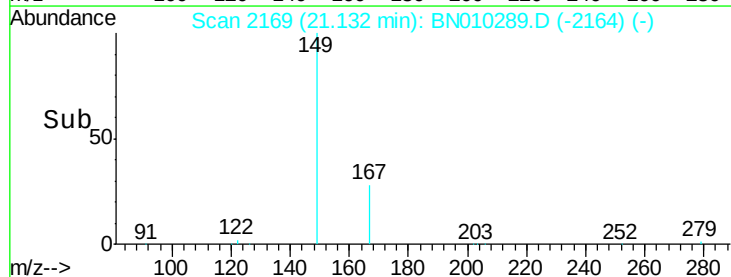
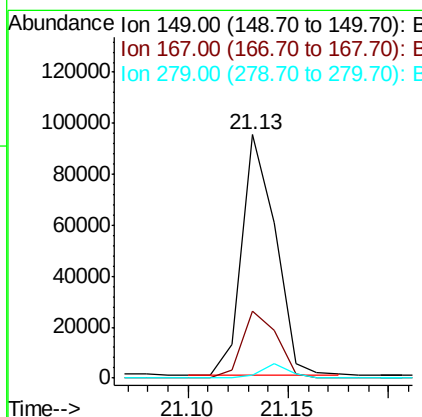
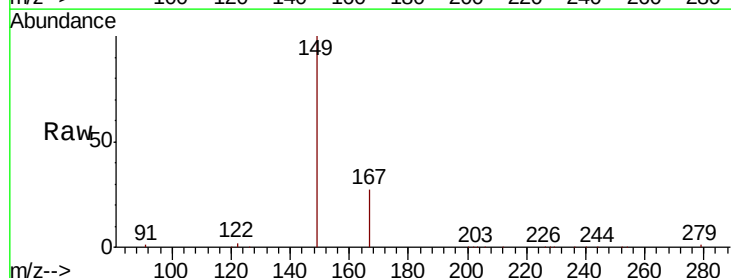
Instrument :
 BNA_N
 ClientSampled :

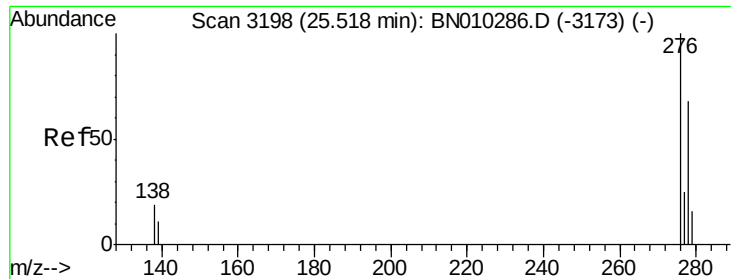
Tot Ion:228 Resp: 264895
 Ion Ratio Lower Upper
 228 100
 226 28.2 23.0 34.6
 229 20.0 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 3.072 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN010289.D
 Acq: 19 Mar 2020 14:04

Tgt Ion:149 Resp: 109551
 Ion Ratio Lower Upper
 149 100
 167 28.6 23.0 34.6
 279 4.9 3.8 5.8

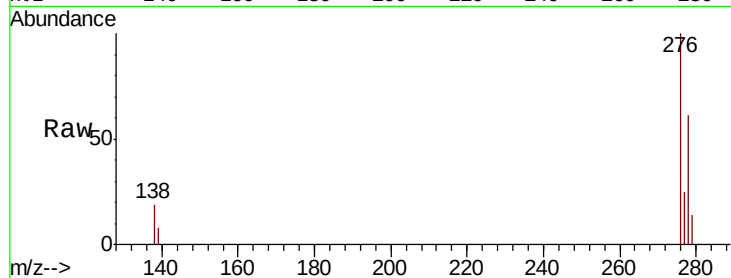




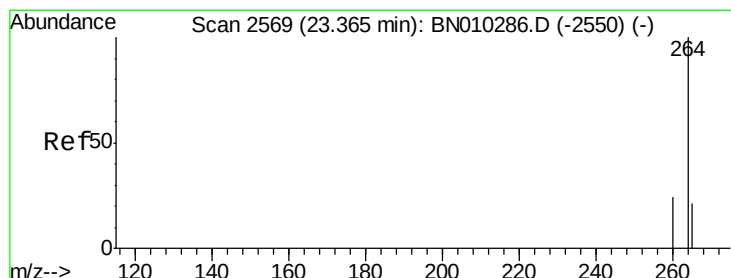
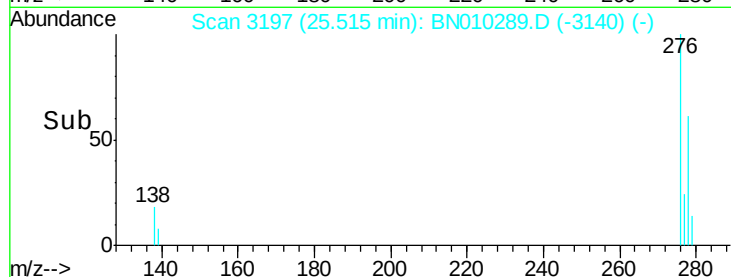
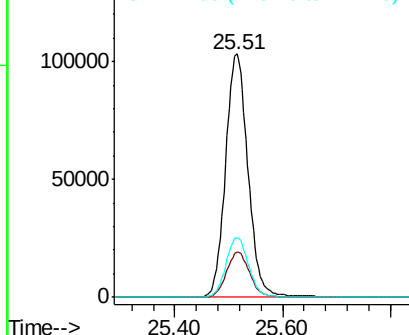
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.049 ng
 RT: 25.51 min Scan# 3197
 Delta R.T. -0.00 min
 Lab File: BN010289.D
 Acq: 19 Mar 2020 14:04

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.6	23.4
277	24.9	20.1	30.1

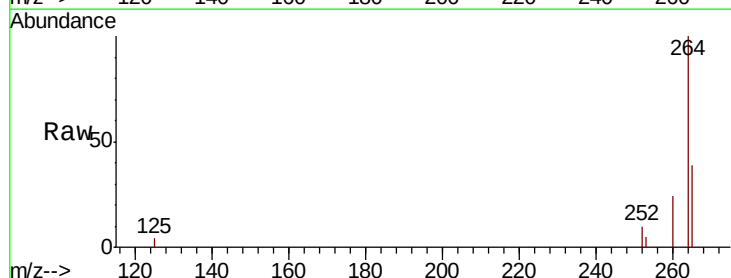


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

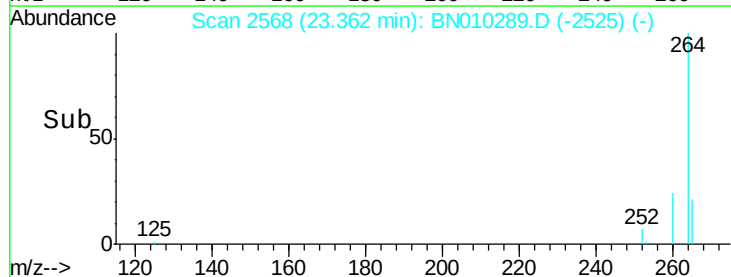
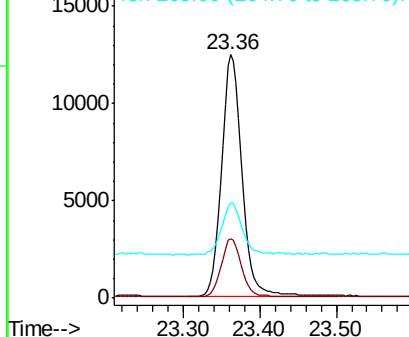


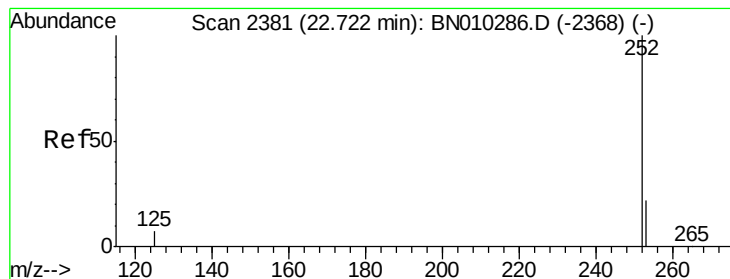
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.36 min Scan# 2568
 Delta R.T. -0.00 min
 Lab File: BN010289.D
 Acq: 19 Mar 2020 14:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	39.3	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: 3.716 ng

RT: 22.72 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

ClientSampleId :

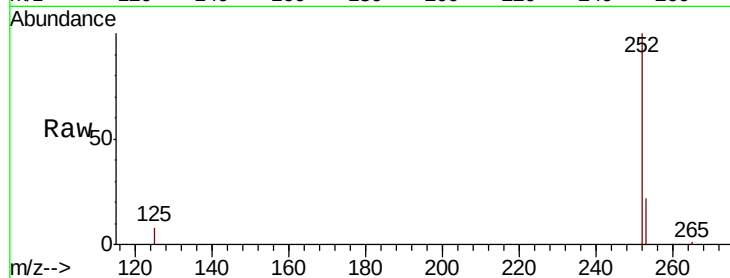
Tot Ion:252 Resp: 268984

Ion Ratio Lower Upper

252 100

253 21.9 19.2 28.8

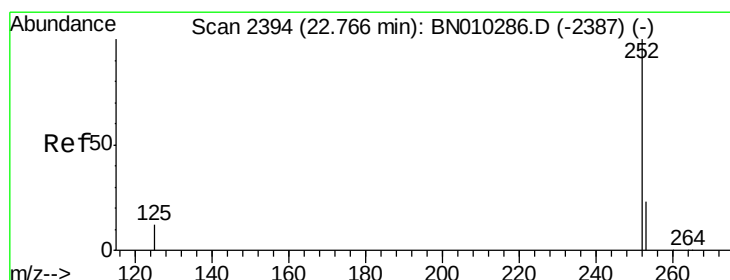
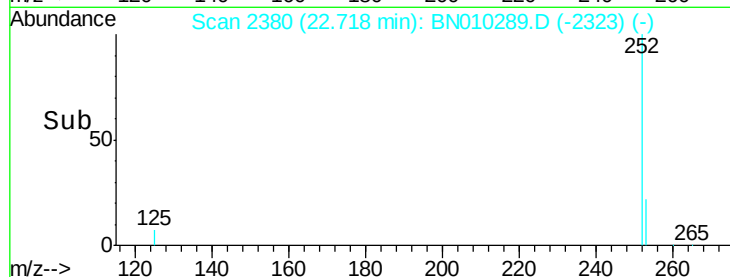
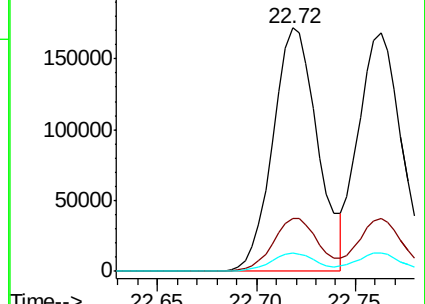
125 7.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 3.535 ng

RT: 22.76 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

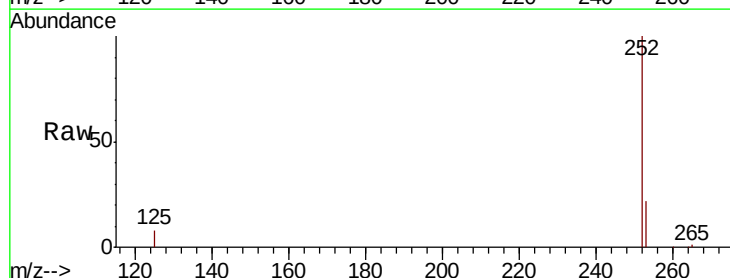
Tgt Ion:252 Resp: 258493

Ion Ratio Lower Upper

252 100

253 21.9 19.4 29.0

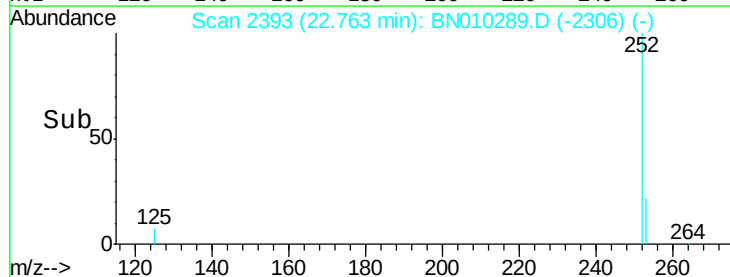
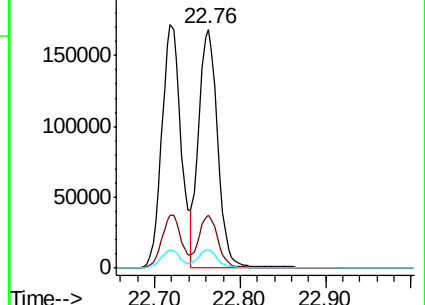
125 7.6 10.2 15.2#

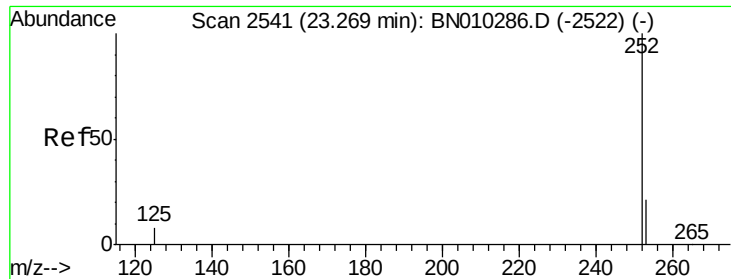


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

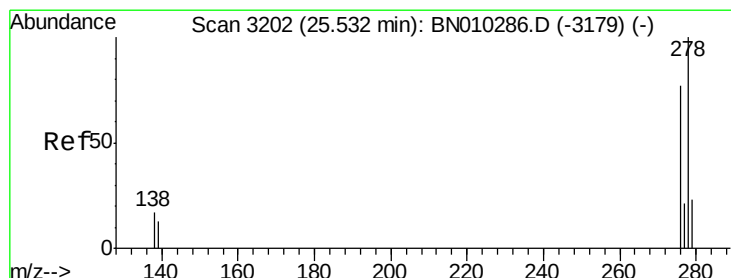
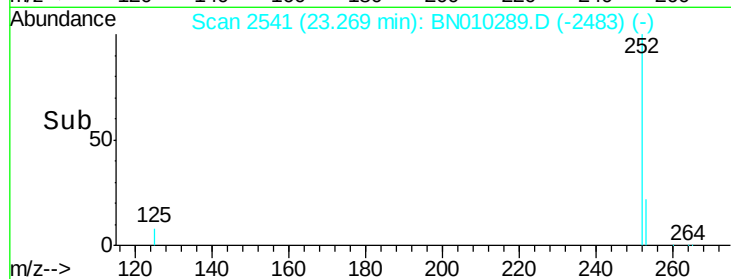
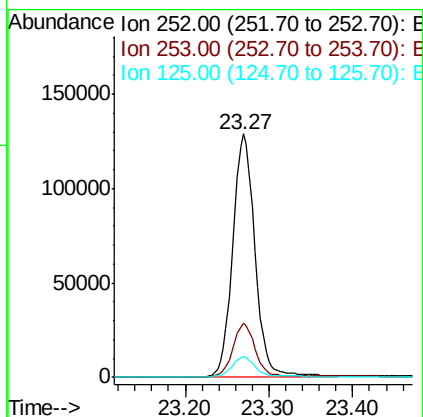
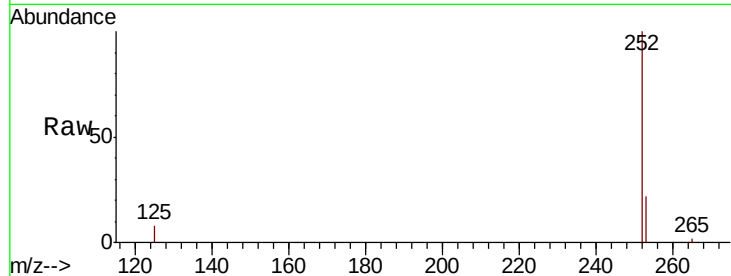




#37
Benzo(a)pyrene
Concen: 3.454 ng
RT: 23.27 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BN010289.D
Acq: 19 Mar 2020 14:04

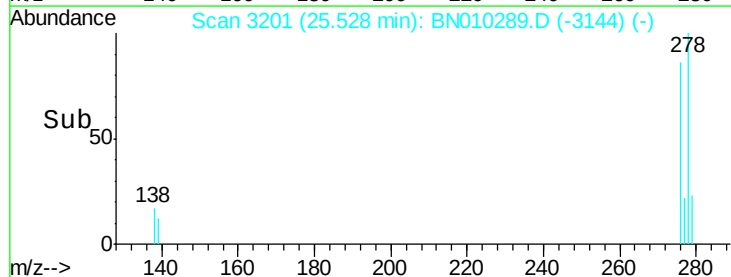
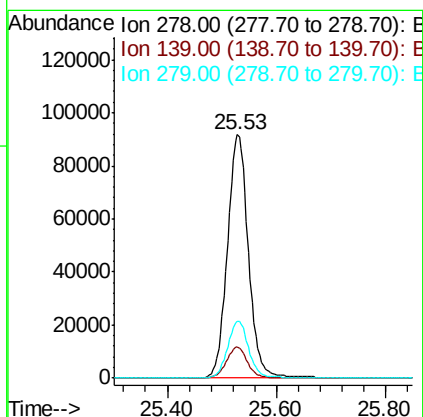
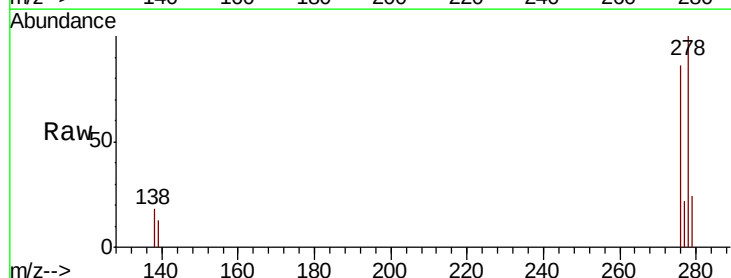
Instrument :
BNA_N
ClientSampleId :

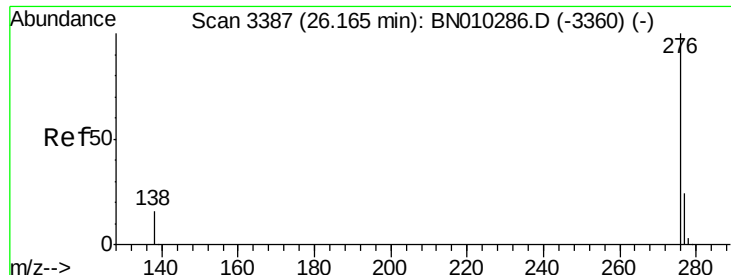
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.9	29.9
125	8.4	8.9	13.3



#38
Dibenzo(a,h)anthracene
Concen: 3.561 ng
RT: 25.53 min Scan# 3201
Delta R.T. -0.00 min
Lab File: BN010289.D
Acq: 19 Mar 2020 14:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.6	16.0
279	23.5	19.8	29.6





#39

Benzo(a,h,i)perylene

Concen: 3.543 ng

RT: 26.17 min Scan# 3387

Delta R.T. 0.00 min

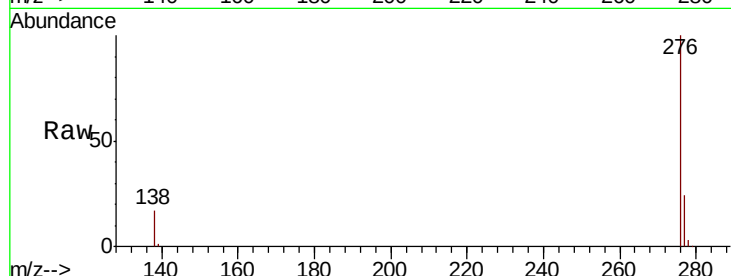
Lab File: BN010289.D

Acq: 19 Mar 2020 14:04

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 242347

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 16.5 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

