

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010303.D
 Acq On : 20 Mar 2020 00:03
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 20 01:25:54 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	4479	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	15523	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9340	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	22259	0.40	ng	0.00
27) Chrysene-d12	21.19	240	24870	0.40	ng	0.00
34) Perylene-d12	23.35	264	27067	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3488	0.39	ng	0.00
5) Phenol-d6	6.80	99	4335	0.39	ng	0.00
8) Nitrobenzene-d5	8.74	82	3846	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	9692	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1269	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	14666	0.41	ng	0.00
25) Fluoranthene-d10	19.02	212	25885	0.39	ng	0.00
29) Terphenyl-d14	19.63	244	21183	0.39	ng	0.00

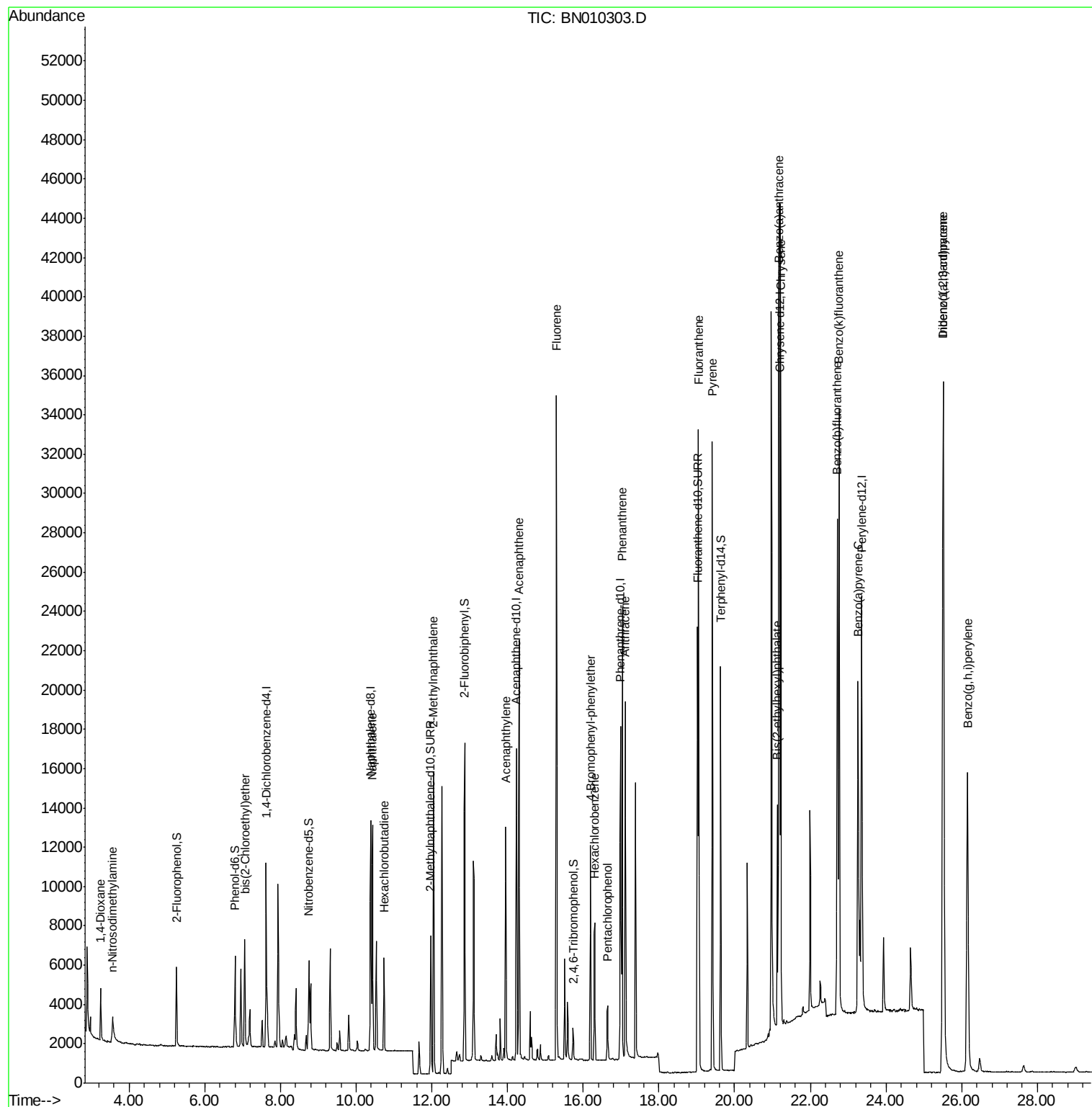
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.25	88	1696	0.403	ng	97
3) n-Nitrosodimethylamine	3.56	42	1241	0.349	ng	# 98
6) bis(2-Chloroethyl)ether	7.06	93	4446	0.420	ng	98
9) Naphthalene	10.43	128	15511	0.401	ng	99
10) Hexachlorobutadiene	10.73	225	3826	0.408	ng	# 99
12) 2-Methylnaphthalene	12.05	142	10671	0.398	ng	99
16) Acenaphthylene	13.96	152	13676	0.373	ng	100
17) Acenaphthene	14.30	154	10432	0.399	ng	99
18) Fluorene	15.29	166	13565	0.391	ng	100
20) 4-Bromophenyl-phenylether	16.19	248	5303	0.393	ng	97
21) Hexachlorobenzene	16.31	284	5634	0.406	ng	99
22) Pentachlorophenol	16.65	266	1569	0.330	ng	96
23) Phenanthrene	17.03	178	24122	0.394	ng	100
24) Anthracene	17.11	178	19633	0.375	ng	100
26) Fluoranthene	19.05	202	29547	0.394	ng	100
28) Pyrene	19.41	202	29847	0.385	ng	99
30) Benzo(a)anthracene	21.16	228	30841	0.389	ng	98
31) Chrysene	21.22	228	33214	0.391	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	9564	0.358	ng	98
33) Indeno(1,2,3-cd)pyrene	25.50	276	43121	0.474	ng	99
35) Benzo(b)fluoranthene	22.71	252	32370	0.352	ng	99
36) Benzo(k)fluoranthene	22.76	252	36717	0.392	ng	# 97
37) Benzo(a)pyrene	23.26	252	27734	0.357	ng	98
38) Dibenzo(a,h)anthracene	25.52	278	34933	0.416	ng	100
39) Benzo(g,h,i)perylene	26.15	276	32119	0.380	ng	100

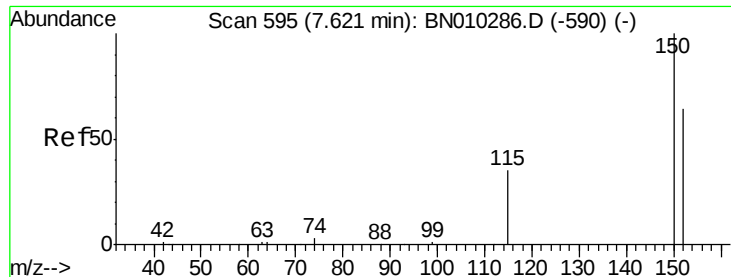
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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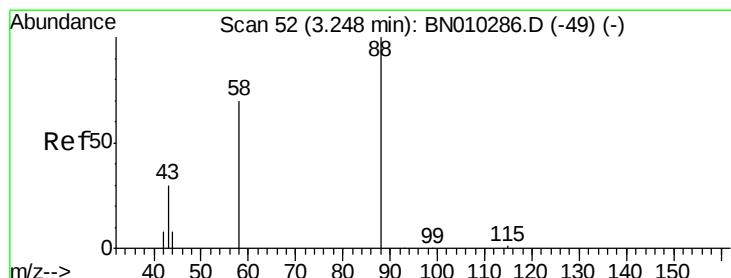
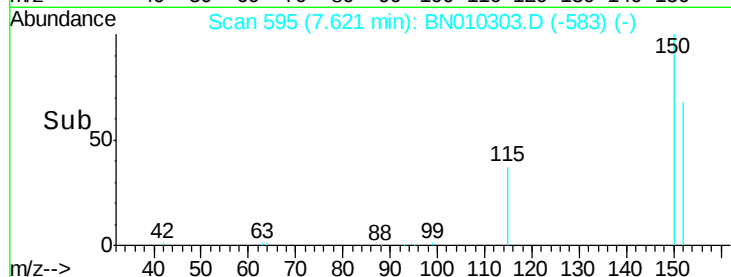
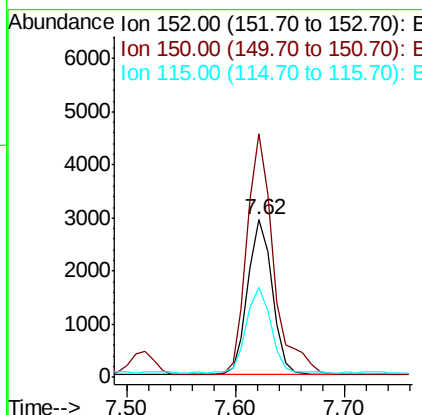
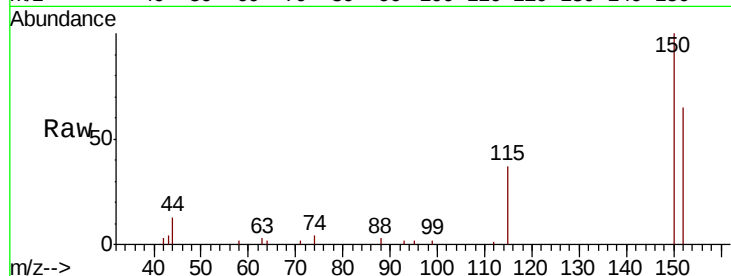


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

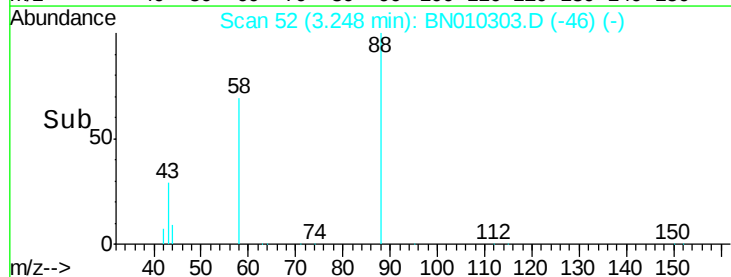
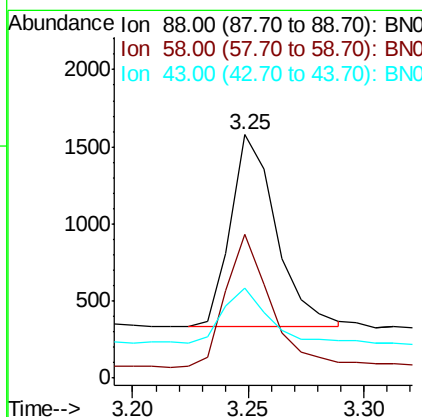
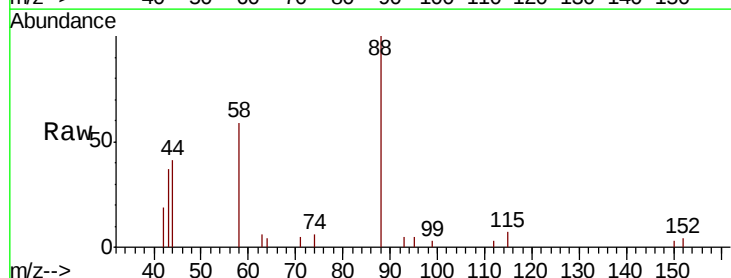
Tot Ion:152 Resp: 4479
Ion Ratio Lower Upper
152 100
150 154.7 123.1 184.7
115 56.9 45.2 67.8

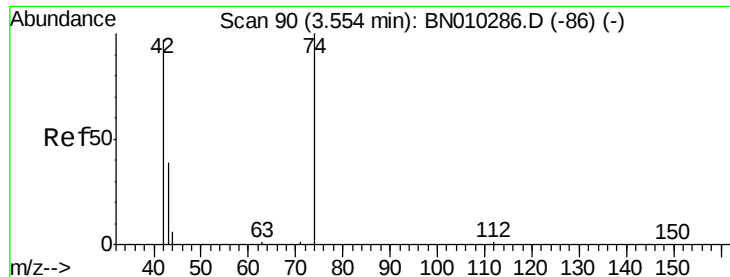


#2

1,4-Dioxane
Concen: 0.403 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion: 88 Resp: 1696
Ion Ratio Lower Upper
88 100
58 67.3 51.7 77.5
43 27.2 21.2 31.8





#3

n-Nitrosodimethylamine

Concen: 0.349 ng

RT: 3.56 min Scan# 91

Delta R.T. 0.01 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

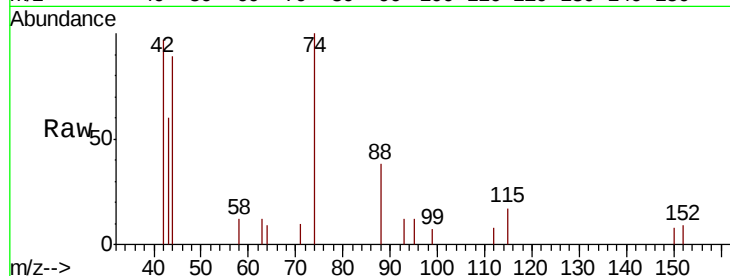
Tot Ion: 42 Resp: 1241

Ion Ratio Lower Upper

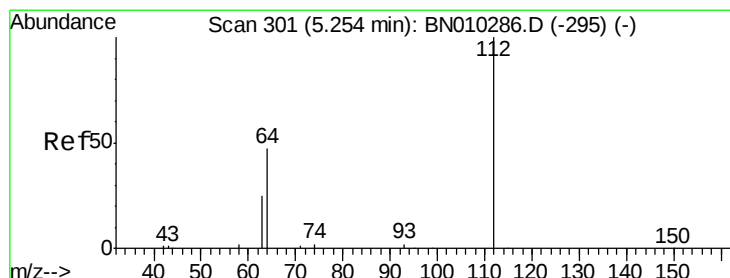
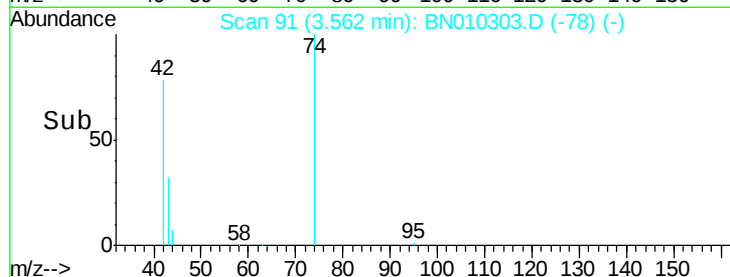
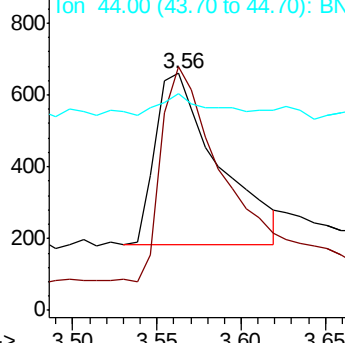
42 100

74 122.6 99.4 149.0

44 10.3 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: 0.393 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

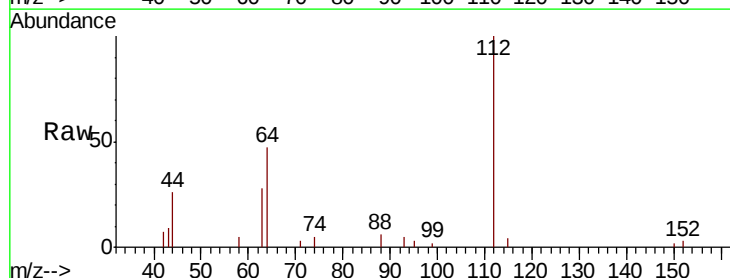
Tgt Ion: 112 Resp: 3488

Ion Ratio Lower Upper

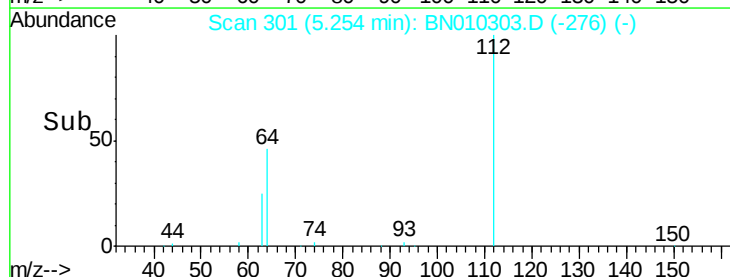
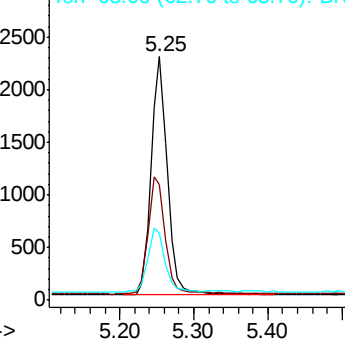
112 100

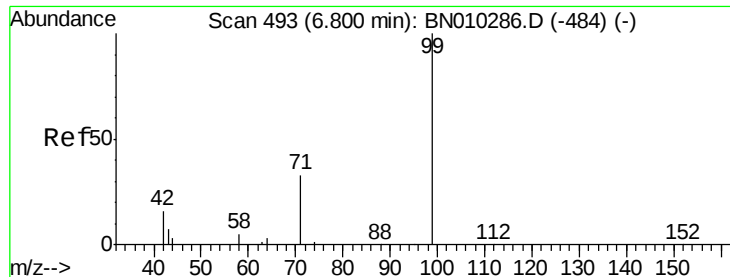
64 50.7 41.4 62.2

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: 0.393 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

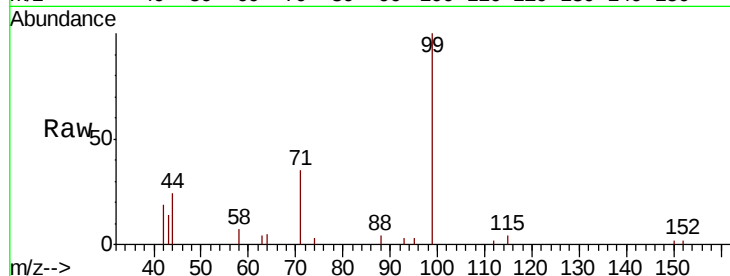
Tot Ion: 99 Resp: 4335

Ion Ratio Lower Upper

99 100

42 19.2 14.8 22.2

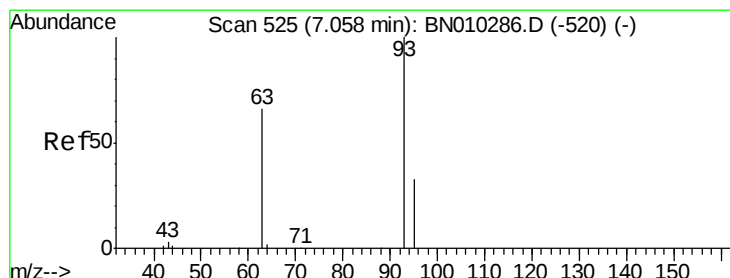
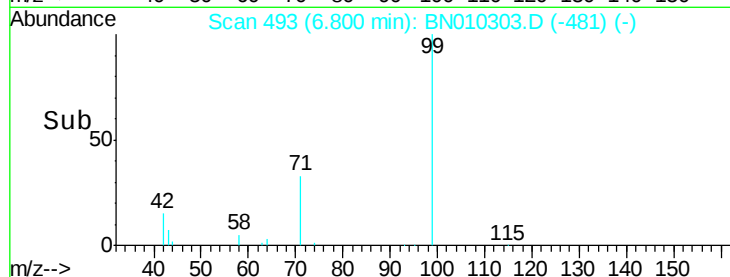
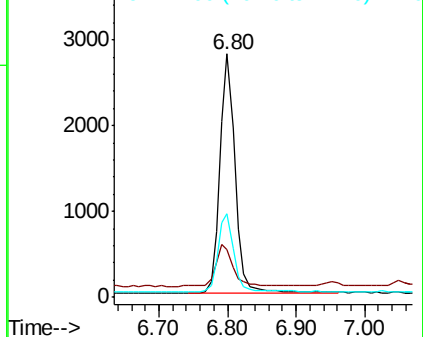
71 33.6 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010303.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BN010303.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BN010303.D (-500) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.420 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

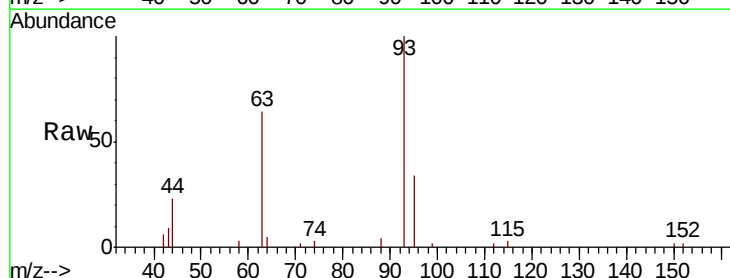
Tgt Ion: 93 Resp: 4446

Ion Ratio Lower Upper

93 100

63 67.4 55.6 83.4

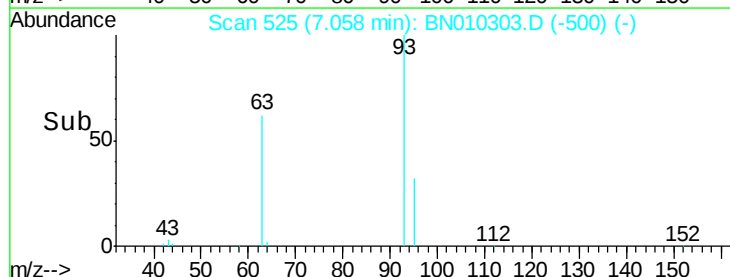
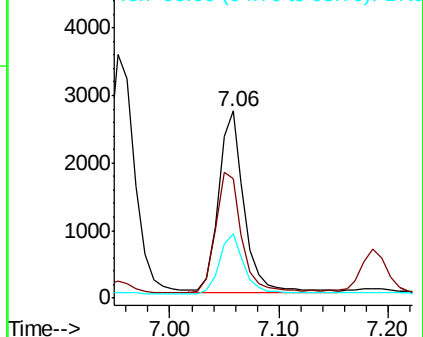
95 32.0 26.2 39.4

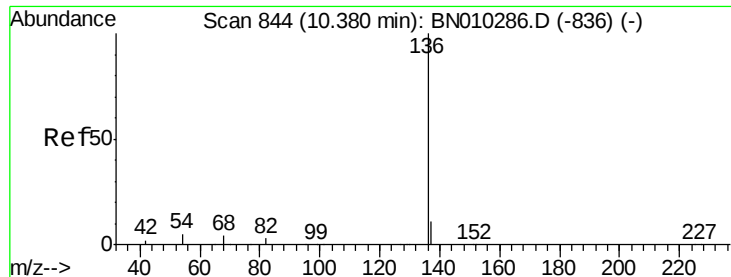


Abundance Ion 93.00 (92.70 to 93.70): BN010303.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010303.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010303.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 15523

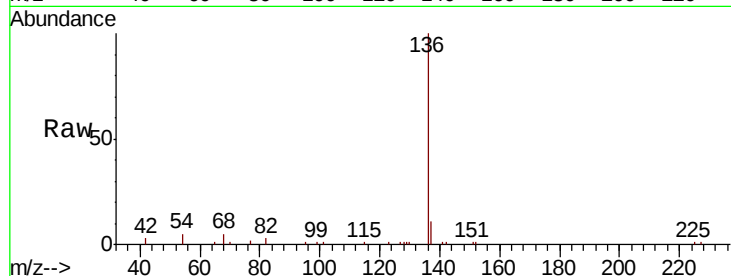
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 5.4 4.8 7.2

68 4.7 4.1 6.1

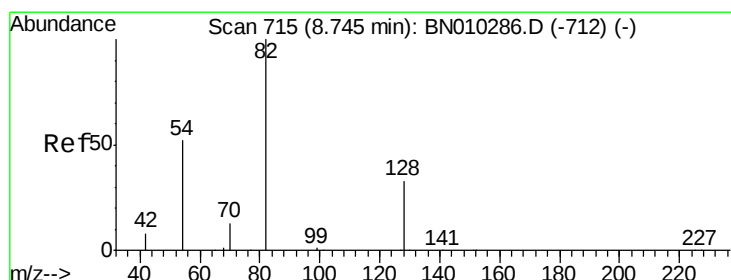
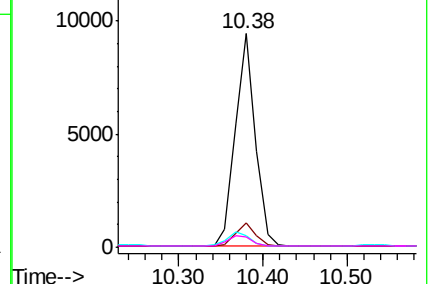
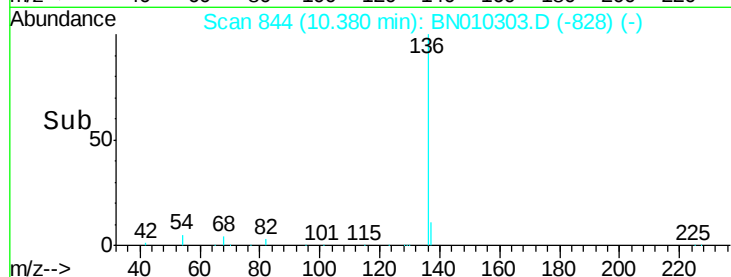


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

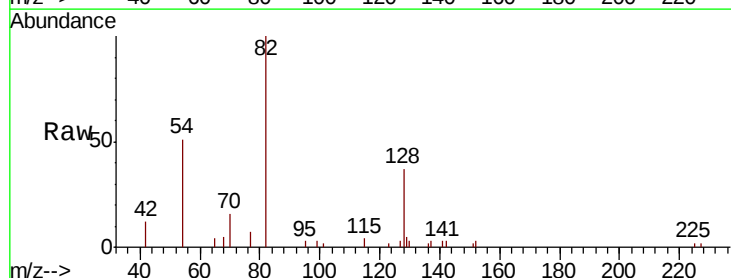
Tgt Ion: 82 Resp: 3846

Ion Ratio Lower Upper

82 100

128 36.7 28.8 43.2

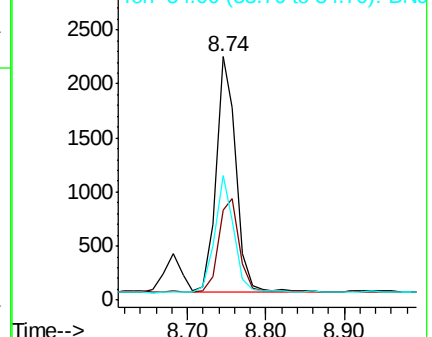
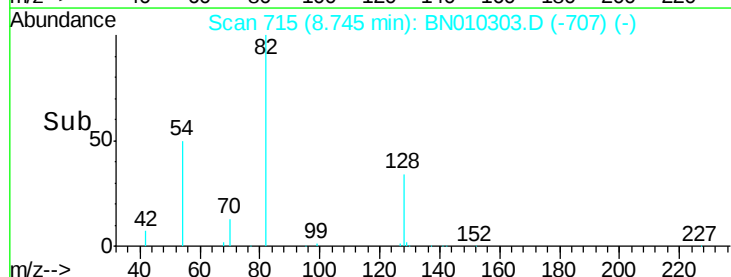
54 51.2 42.1 63.1

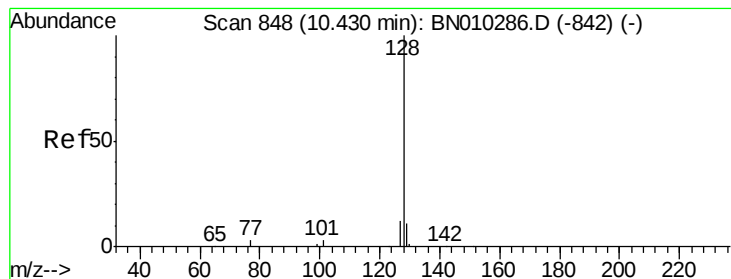


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

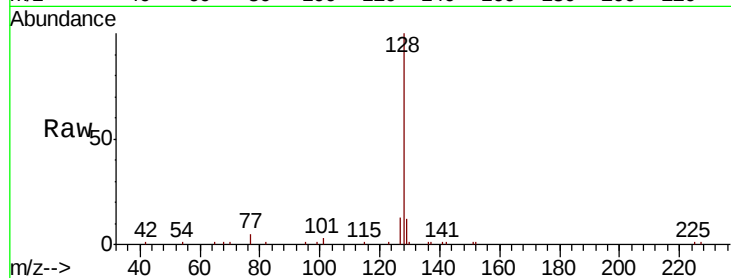
Tot Ion:128 Resp: 15511

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

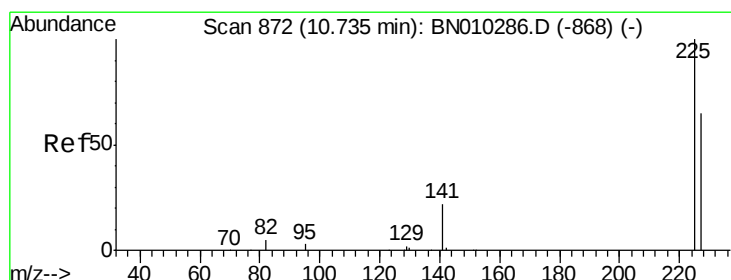
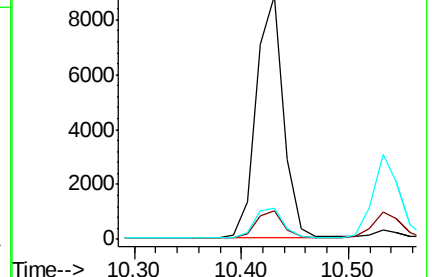
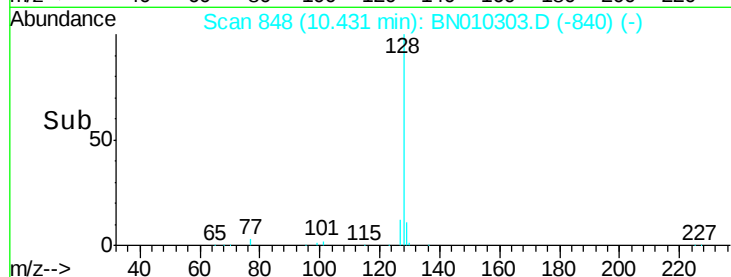
127 13.0 10.4 15.6



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: 0.408 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

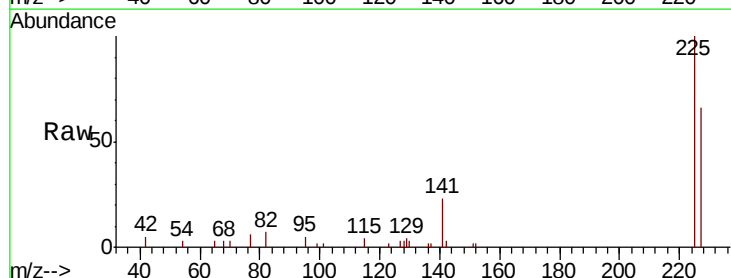
Tgt Ion:225 Resp: 3826

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

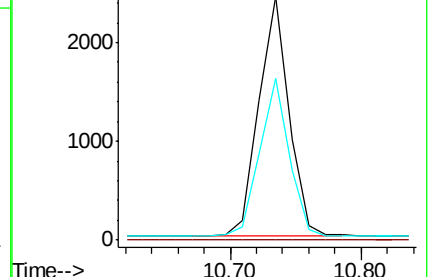
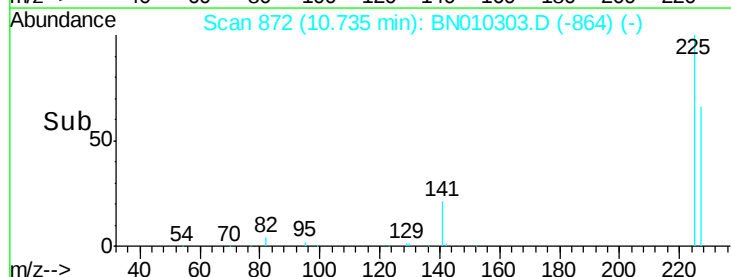
227 64.2 51.9 77.9

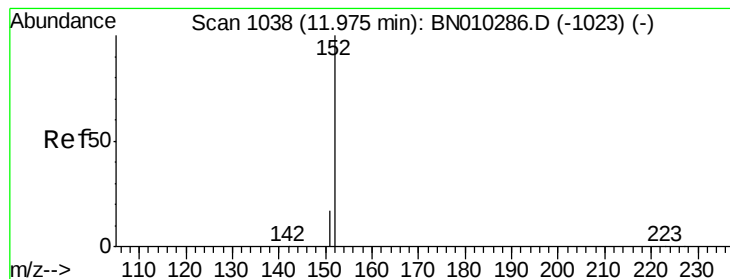


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

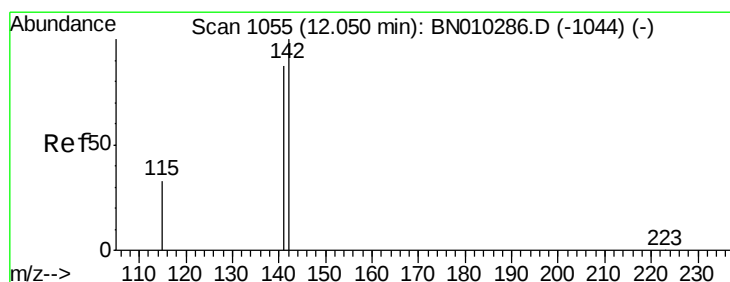
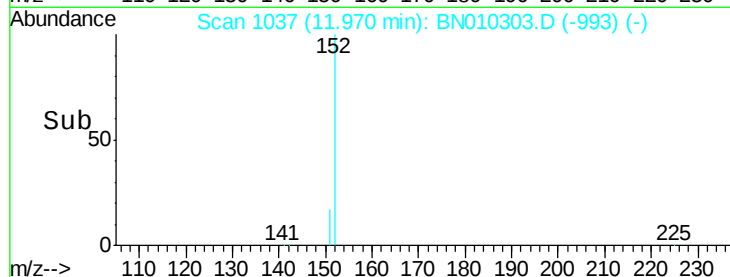
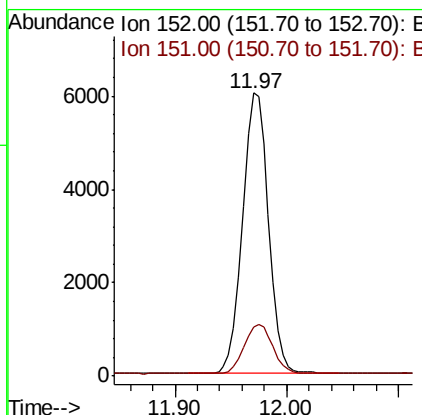
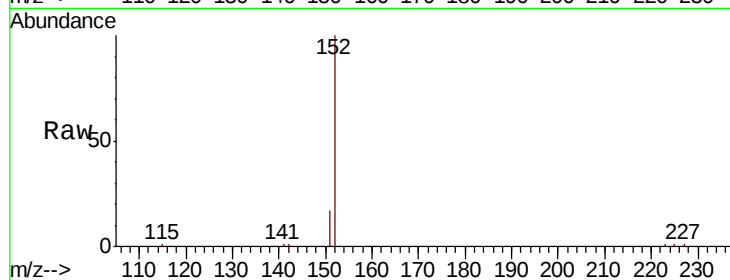




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 11.97 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BN010303.D
 Acq: 20 Mar 2020 00:03

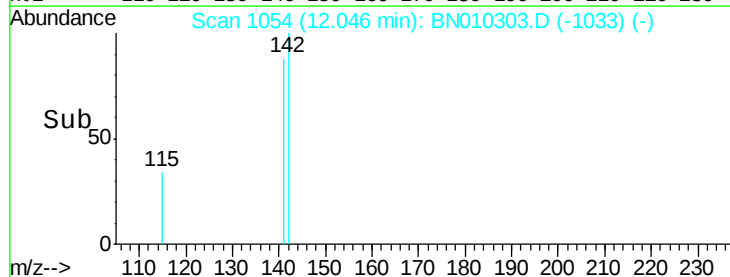
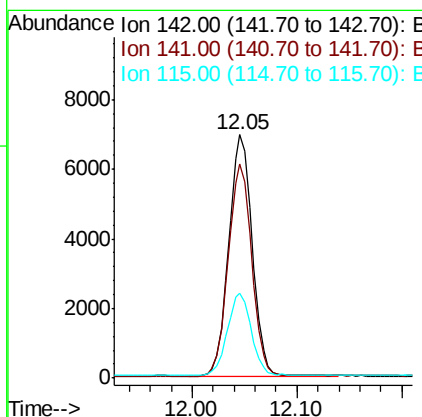
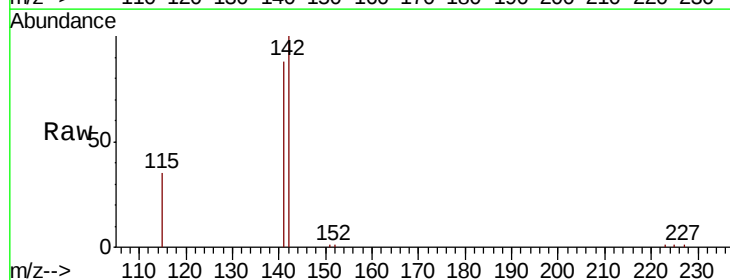
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

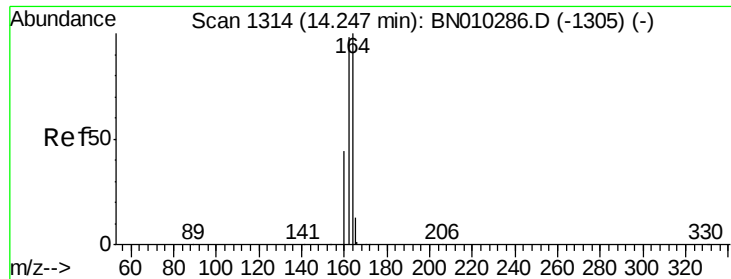
Tot Ion:152 Resp: 9692
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.398 ng
 RT: 12.05 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN010303.D
 Acq: 20 Mar 2020 00:03

Tgt Ion:142 Resp: 10671
 Ion Ratio Lower Upper
 142 100
 141 87.8 69.5 104.3
 115 34.9 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

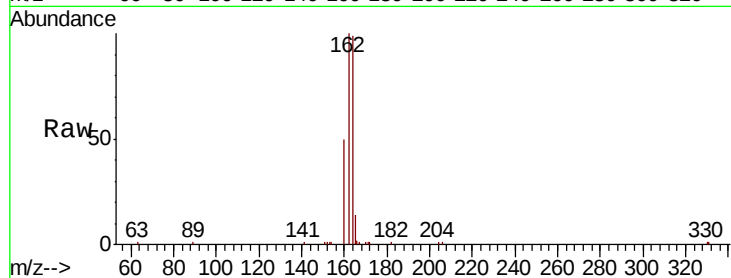
Tot Ion:164 Resp: 9340

Ion Ratio Lower Upper

164 100

162 101.4 78.2 117.2

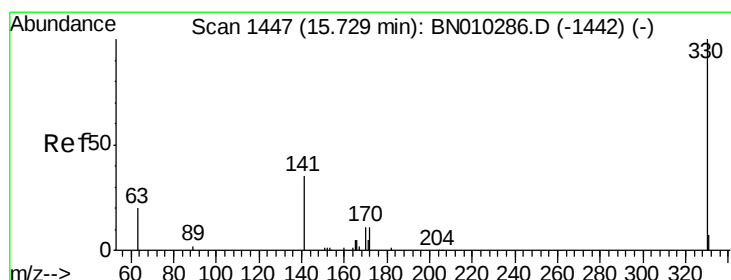
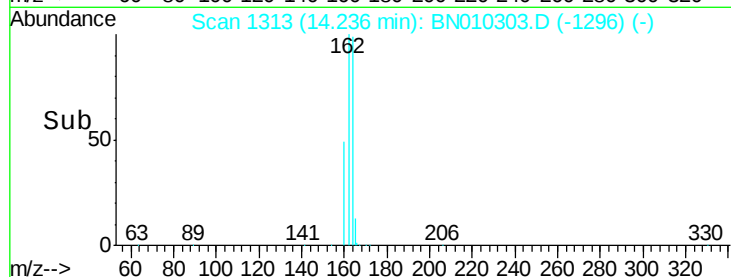
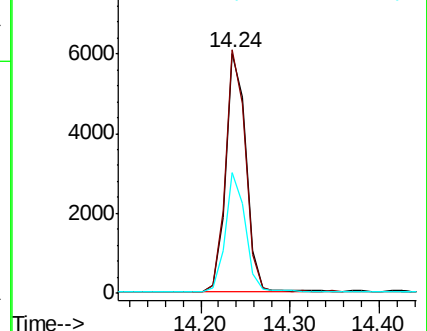
160 50.3 35.8 53.6



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: 0.354 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

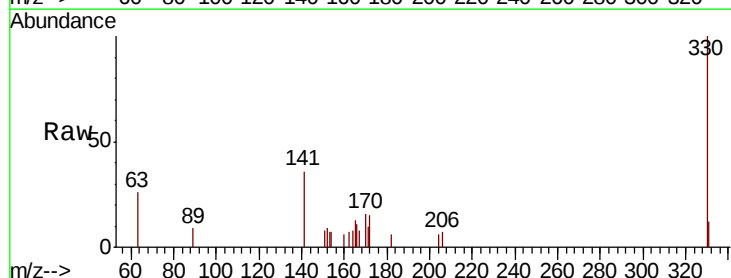
Tgt Ion:330 Resp: 1269

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

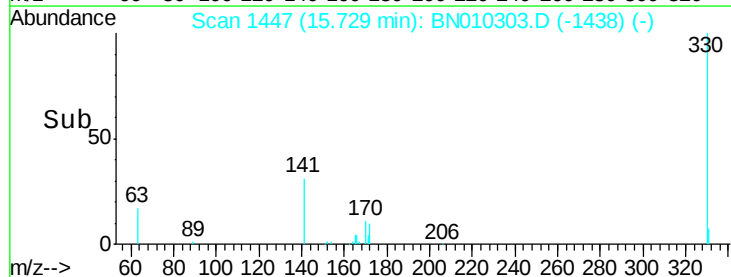
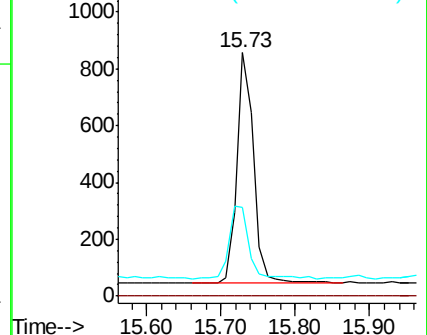
141 37.3 29.3 43.9

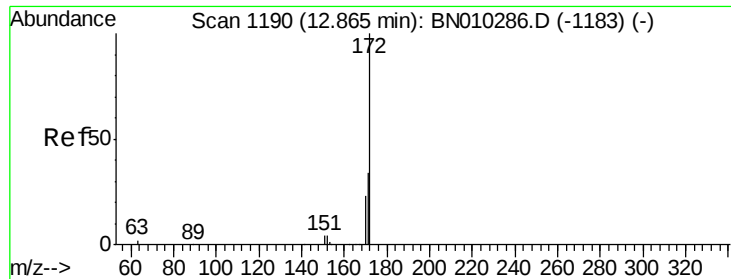


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

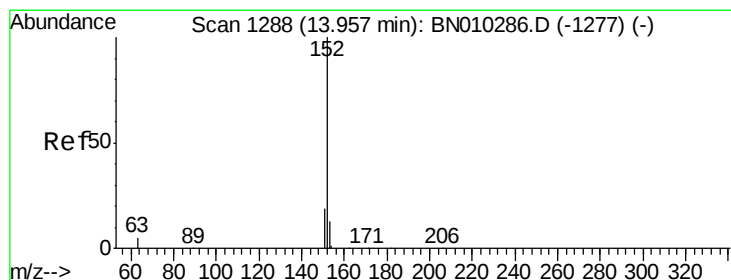
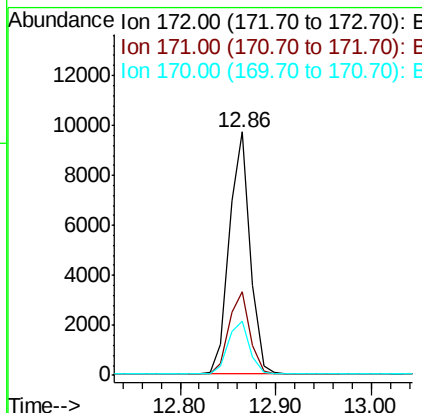
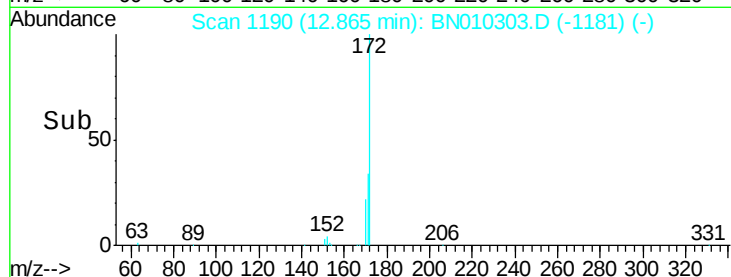
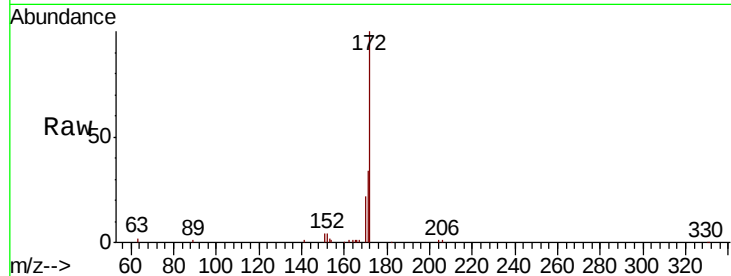




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

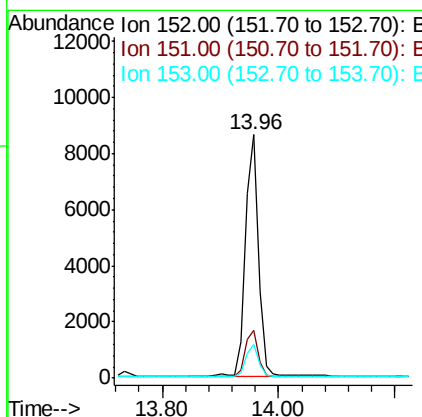
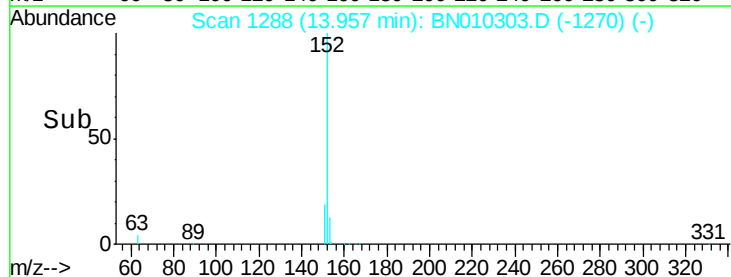
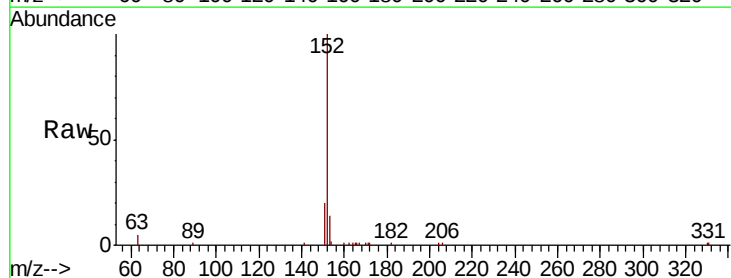
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

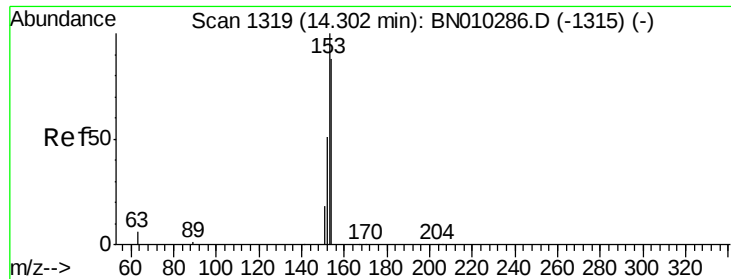
Tot Ion:172 Resp: 14666
Ion Ratio Lower Upper
172 100
171 34.5 27.6 41.4
170 22.5 18.5 27.7



#16
Acenaphthylene
Concen: 0.373 ng
RT: 13.96 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:152 Resp: 13676
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.30 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

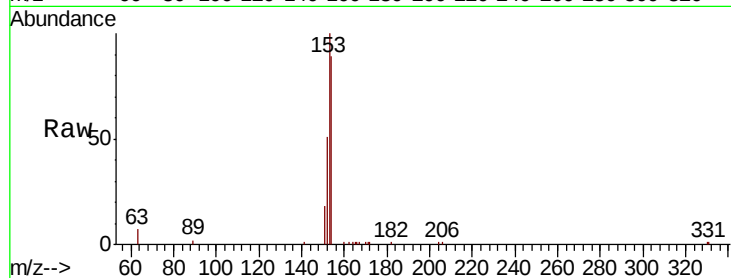
Tot Ion:154 Resp: 10432

Ion Ratio Lower Upper

154 100

153 110.8 88.1 132.1

152 57.4 45.5 68.3



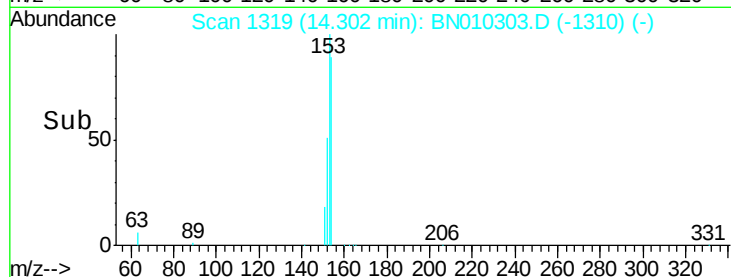
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

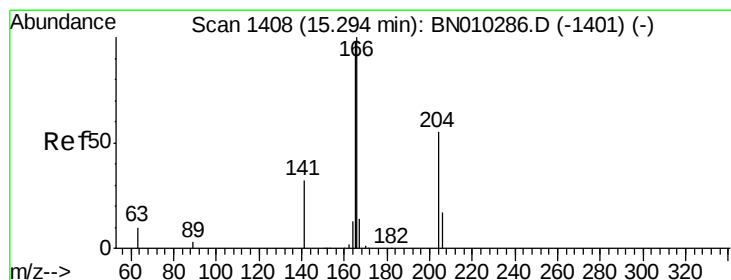
14.30

Time-->



14.30

Time-->



#18

Fluorene

Concen: 0.391 ng

RT: 15.29 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

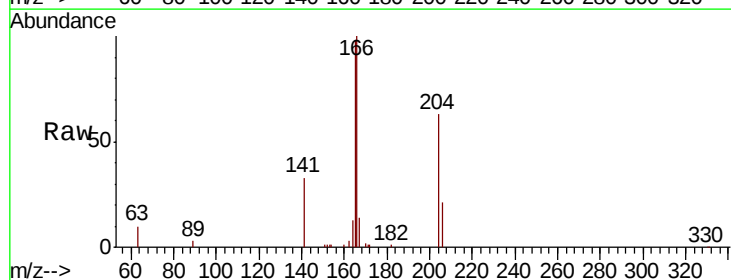
Tgt Ion:166 Resp: 13565

Ion Ratio Lower Upper

166 100

165 98.1 78.7 118.1

167 13.5 11.0 16.4



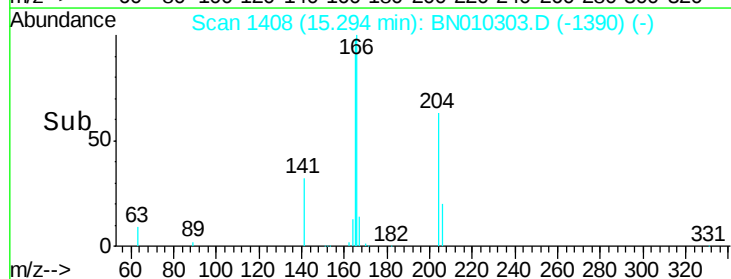
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

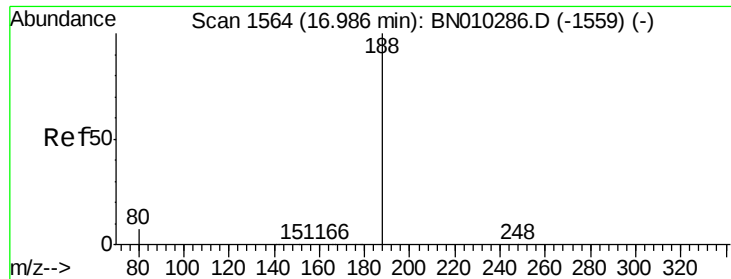
Ion 167.00 (166.70 to 167.70): E

15.29

Time-->



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

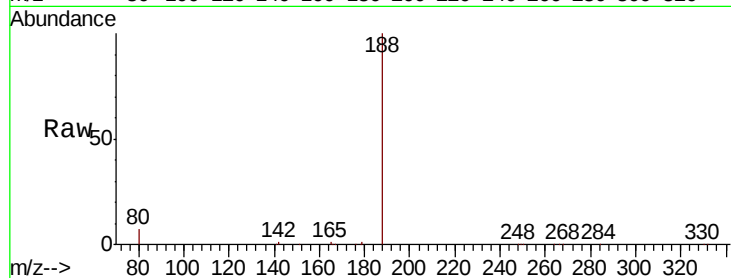
Tot Ion:188 Resp: 22259

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

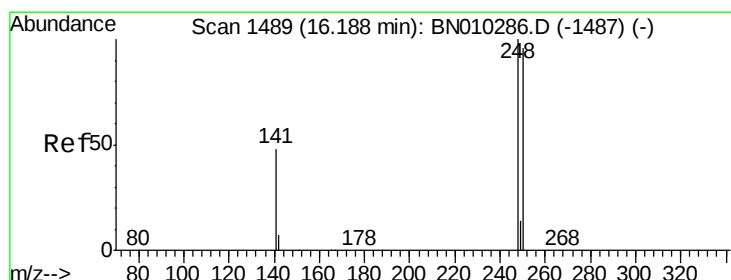
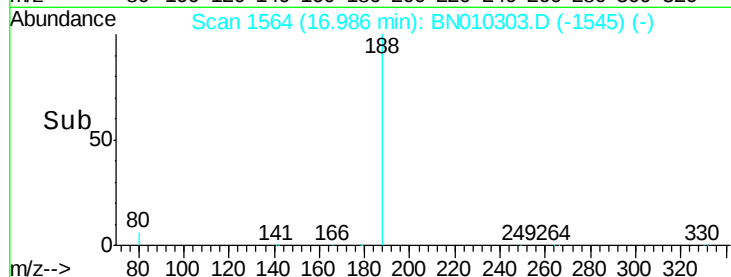
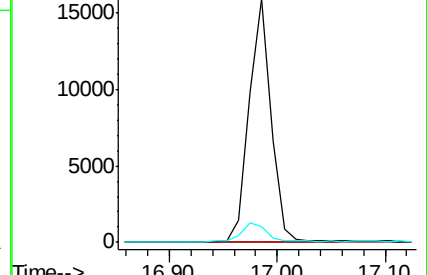
80 6.6 6.0 9.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#20

4-Bromophenyl-phenylether

Concen: 0.393 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

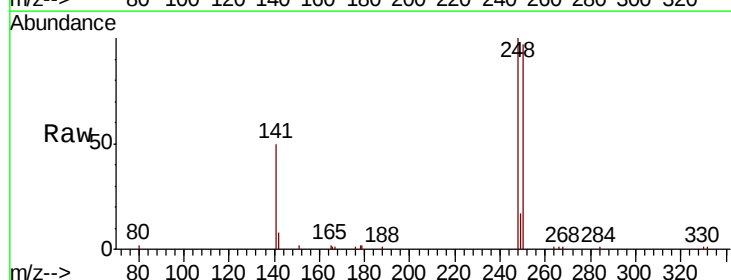
Tgt Ion:248 Resp: 5303

Ion Ratio Lower Upper

248 100

250 96.8 76.8 115.2

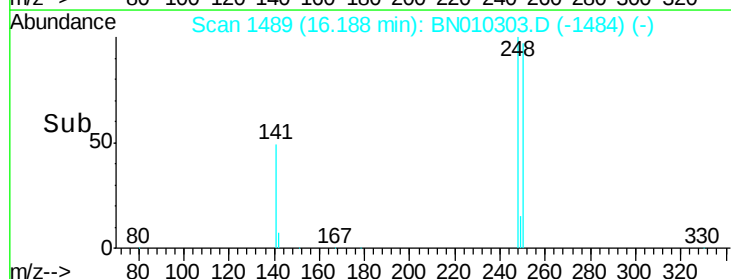
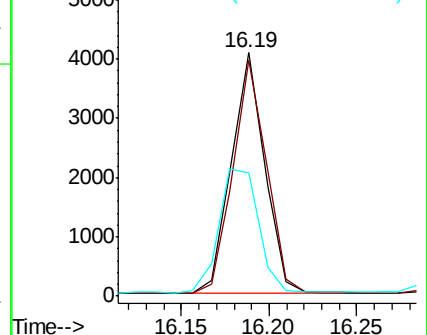
141 50.4 44.4 66.6

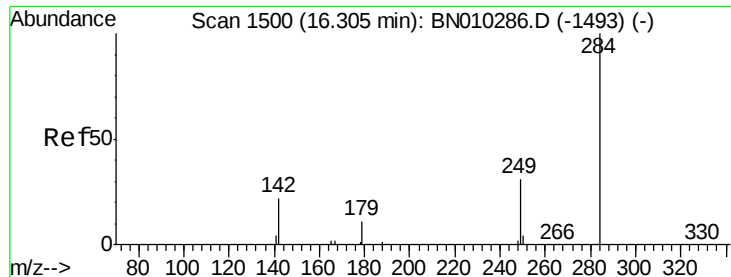


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.406 ng

RT: 16.31 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

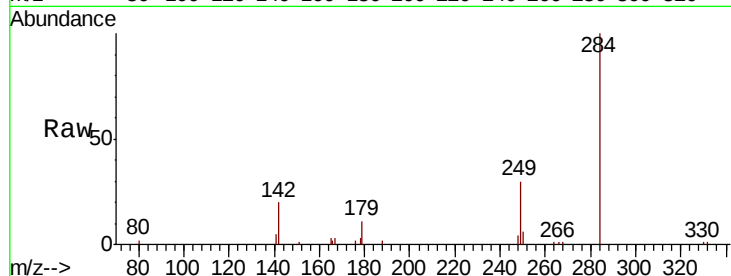
Tot Ion:284 Resp: 5634

Ion Ratio Lower Upper

284 100

142 33.5 27.4 41.2

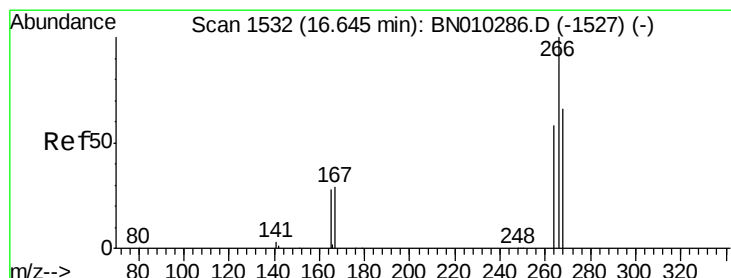
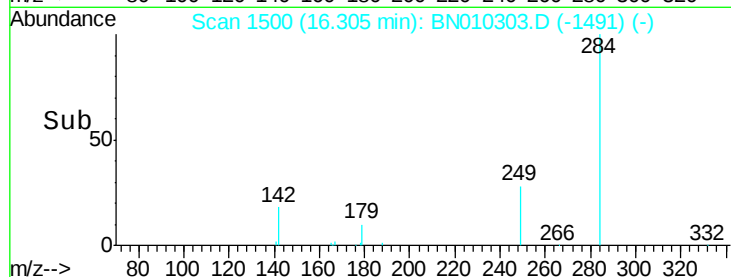
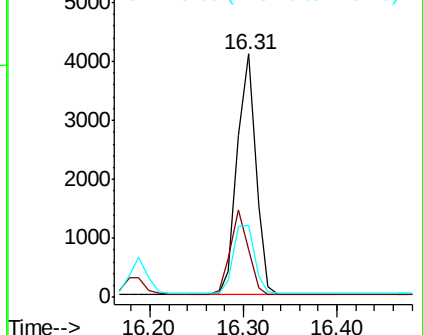
249 32.5 26.5 39.7



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: 0.330 ng

RT: 16.65 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

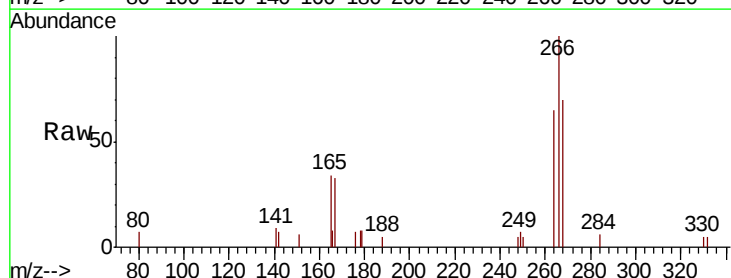
Tgt Ion:266 Resp: 1569

Ion Ratio Lower Upper

266 100

264 64.9 47.7 71.5

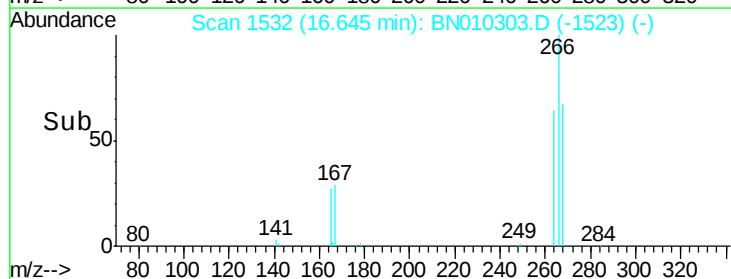
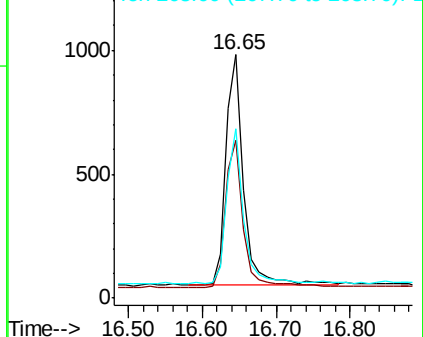
268 69.7 54.9 82.3

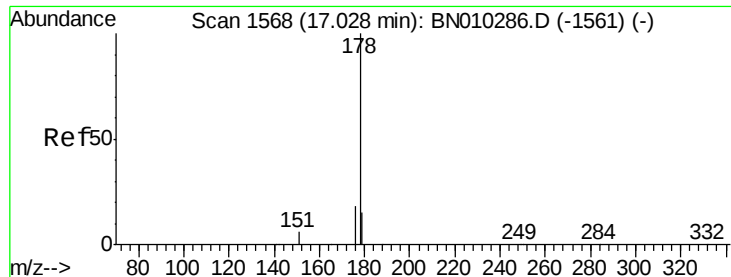


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.394 ng

RT: 17.03 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

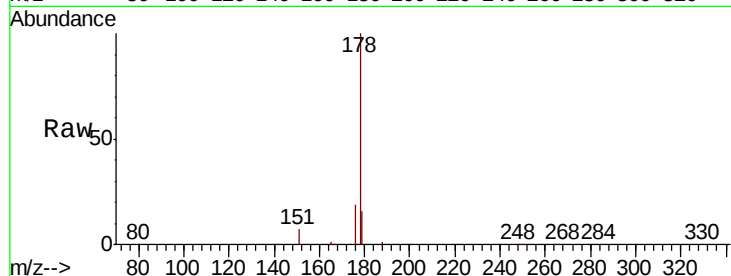
Tot Ion:178 Resp: 24122

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

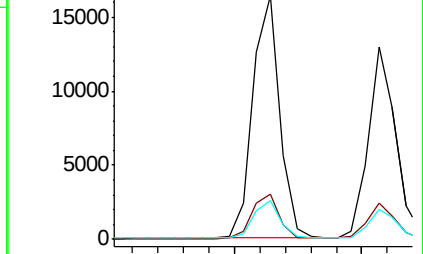
179 15.6 12.4 18.6



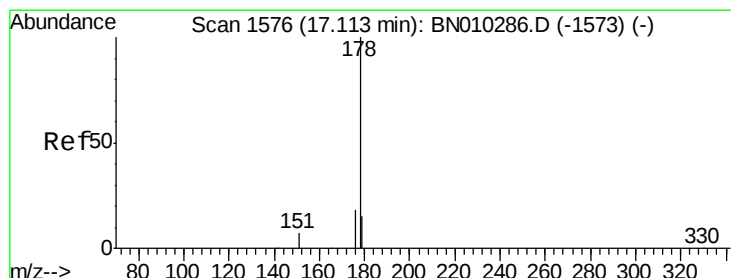
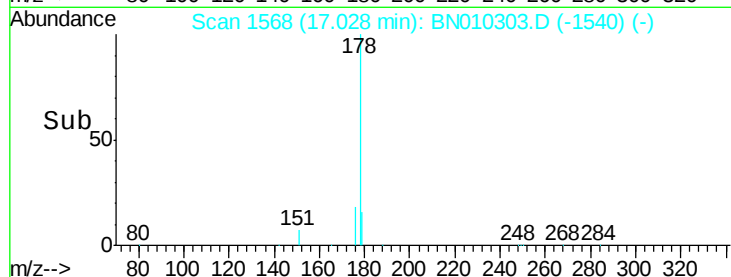
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.375 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

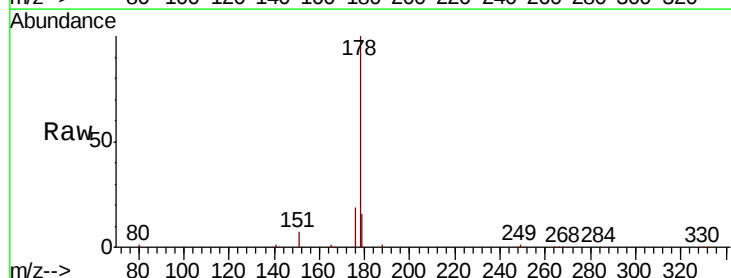
Tgt Ion:178 Resp: 19633

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

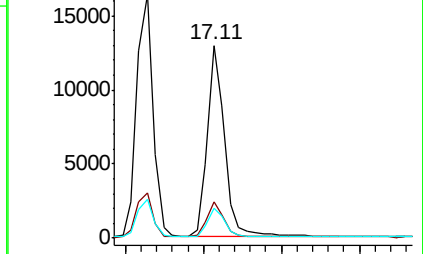
179 15.6 12.3 18.5



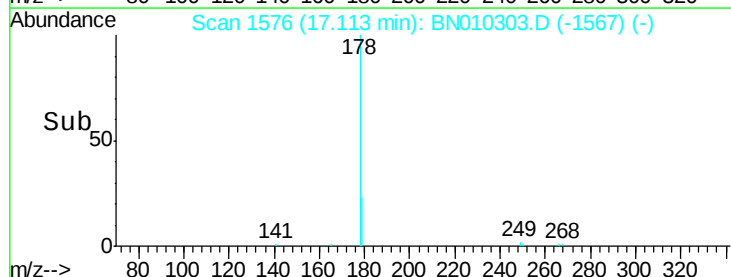
Abundance Ion 178.00 (177.70 to 178.70): E

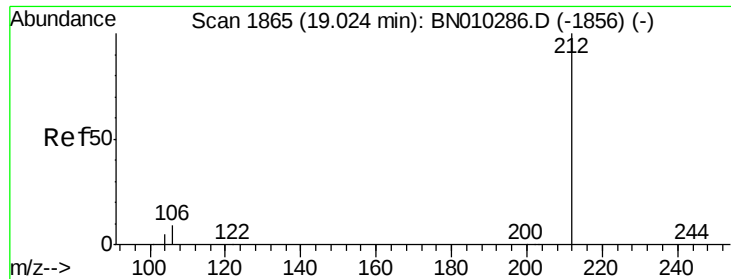
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

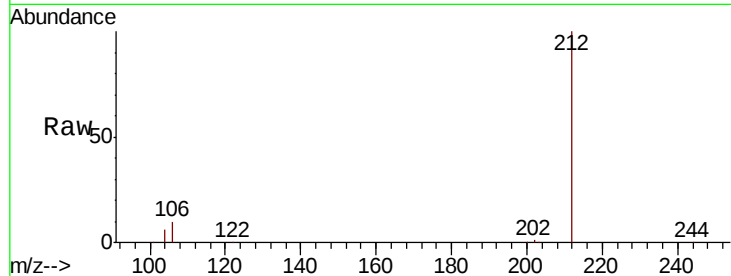
Tot Ion:212 Resp: 25885

Ion Ratio Lower Upper

212 100

106 9.4 7.4 11.2

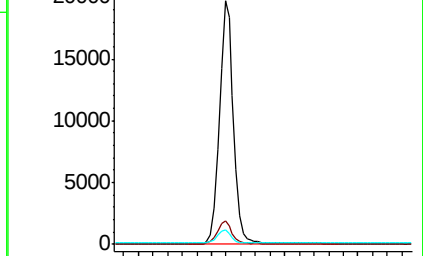
104 5.3 4.2 6.4



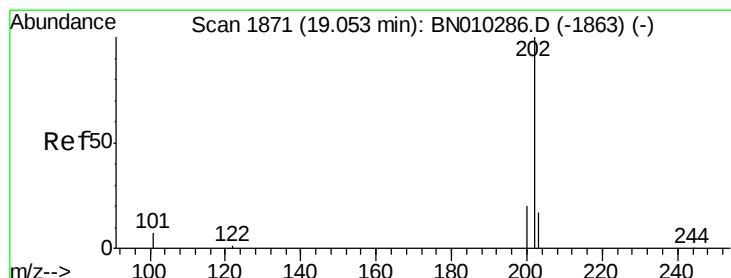
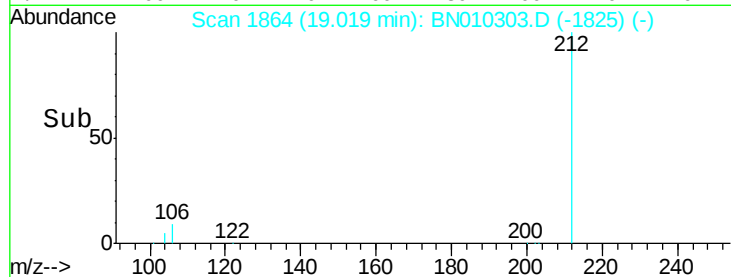
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.394 ng

RT: 19.05 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

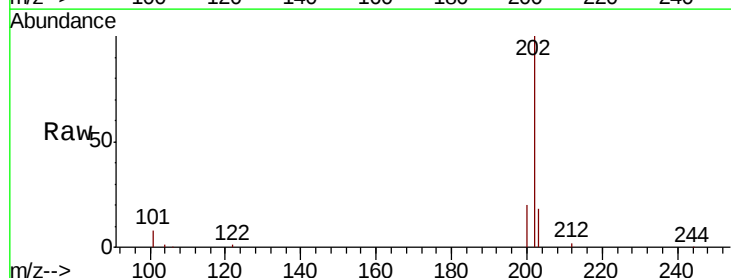
Tgt Ion:202 Resp: 29547

Ion Ratio Lower Upper

202 100

101 8.0 6.6 9.8

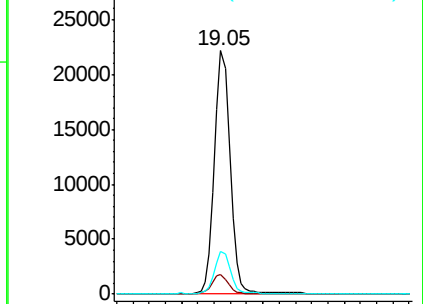
203 17.1 13.8 20.8



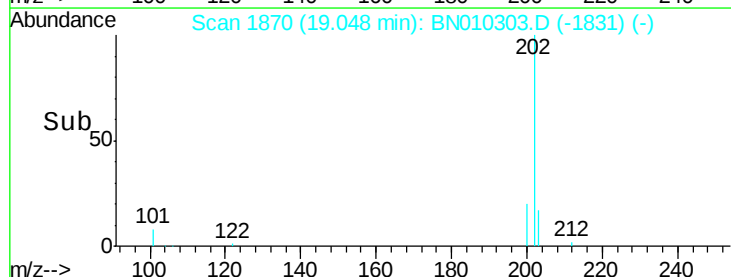
Abundance Ion 202.00 (201.70 to 202.70): E

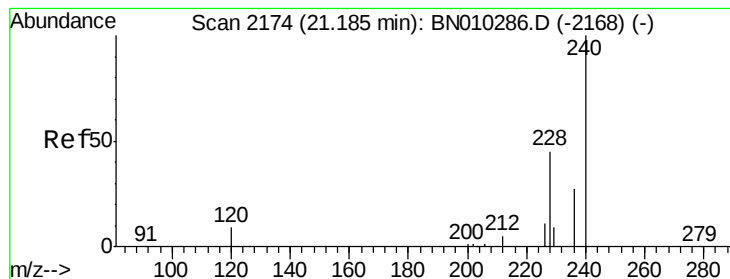
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

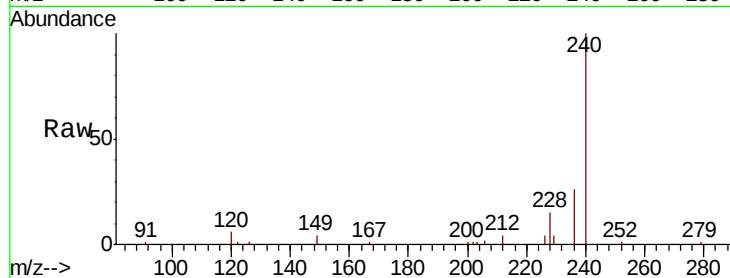
Tot Ion:240 Resp: 24870

Ion Ratio Lower Upper

240 100

120 5.6 7.9 11.9#

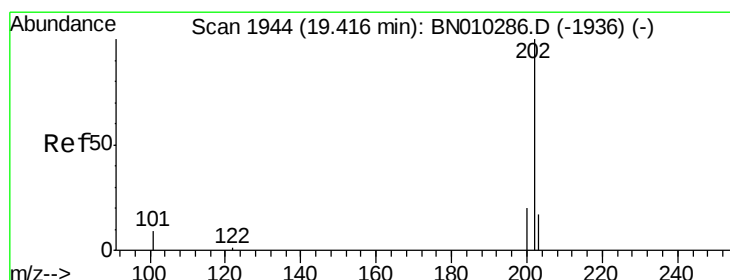
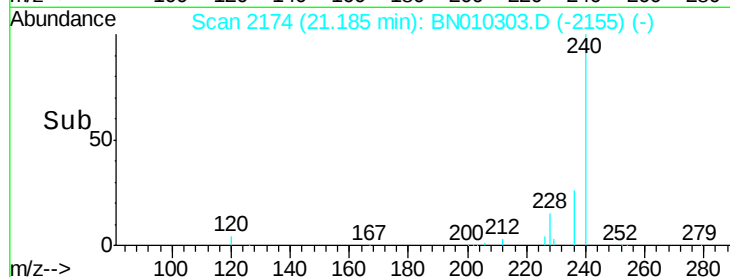
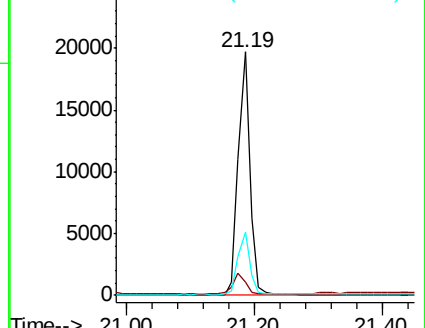
236 26.1 22.2 33.4



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: 0.385 ng

RT: 19.41 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

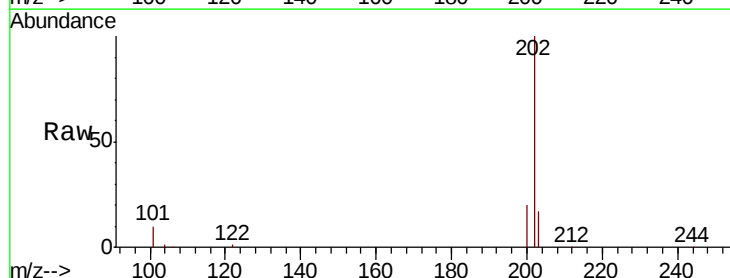
Tgt Ion:202 Resp: 29847

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.4

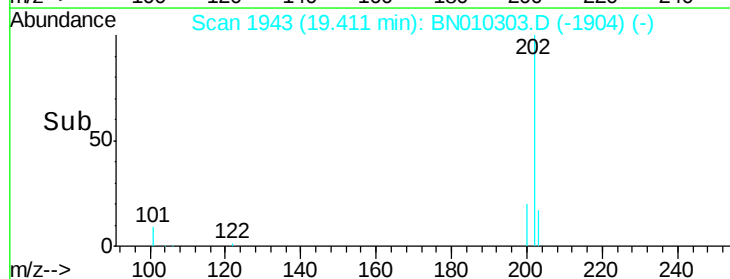
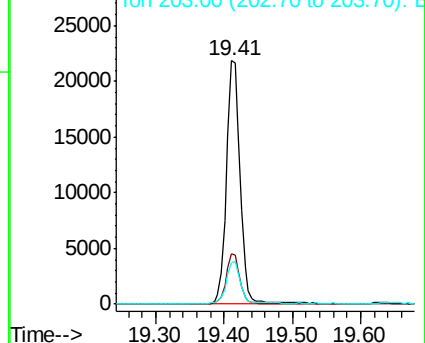
203 17.5 14.2 21.2

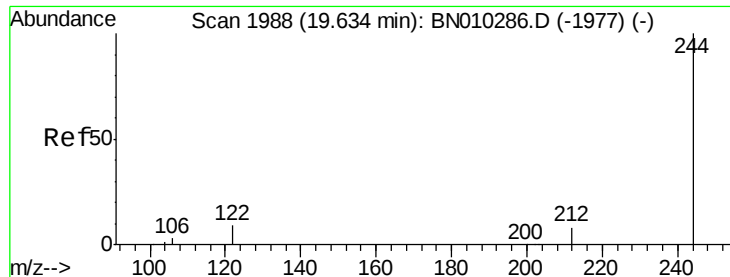


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.63 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

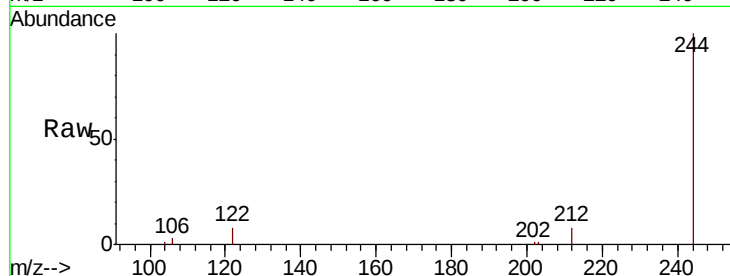
Tot Ion:244 Resp: 21183

Ion Ratio Lower Upper

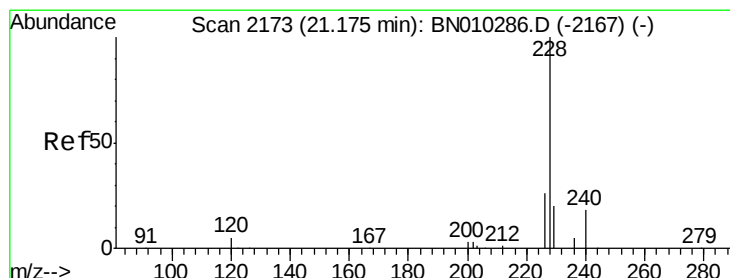
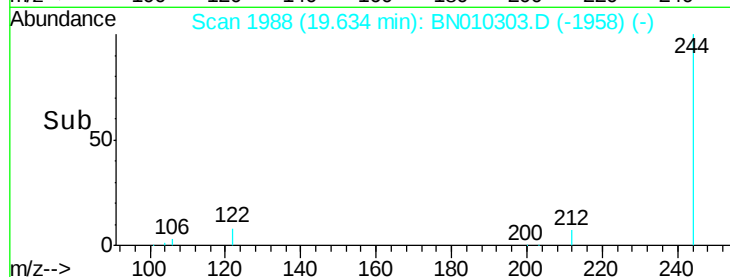
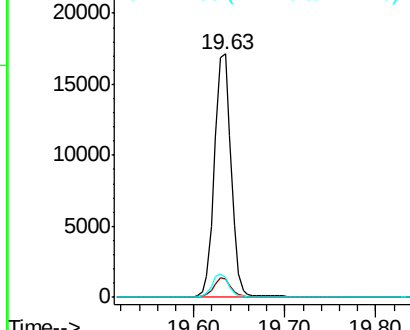
244 100

212 7.6 6.3 9.5

122 8.1 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: 0.389 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

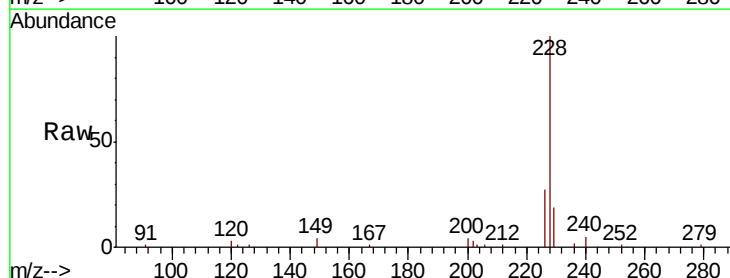
Tgt Ion:228 Resp: 30841

Ion Ratio Lower Upper

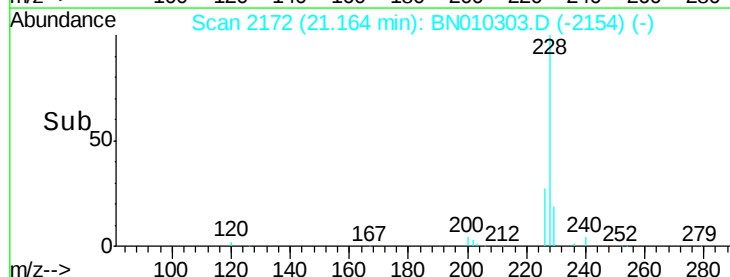
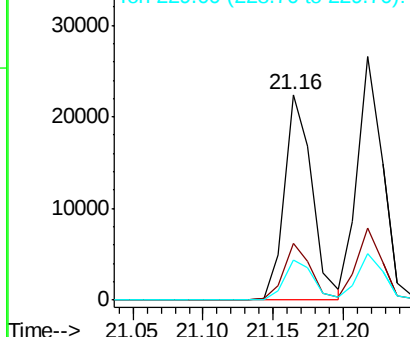
228 100

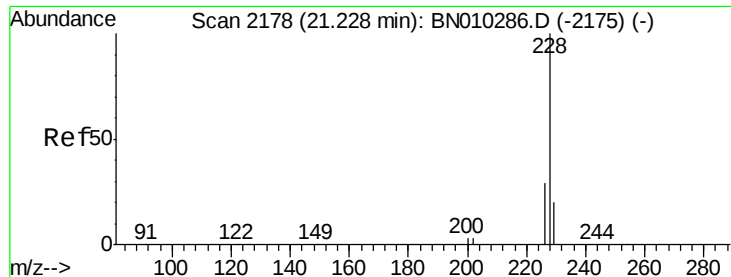
226 27.3 21.0 31.4

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: 0.391 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

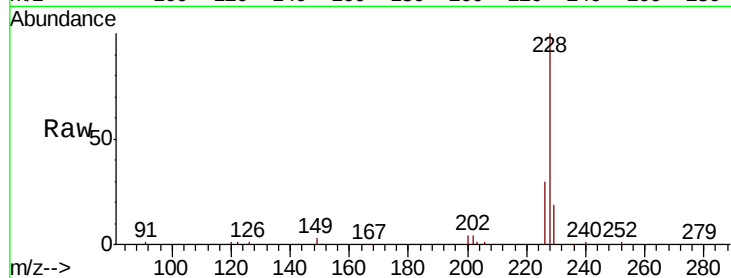
Tot Ion:228 Resp: 33214

Ion Ratio Lower Upper

228 100

226 29.7 23.0 34.6

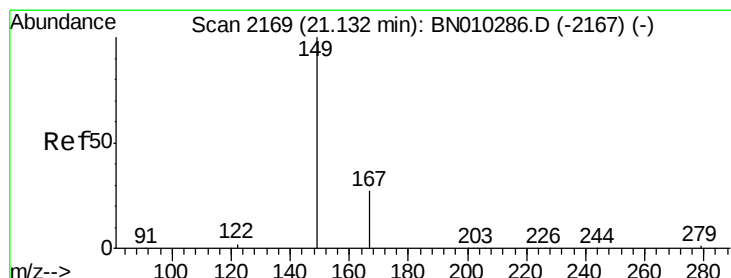
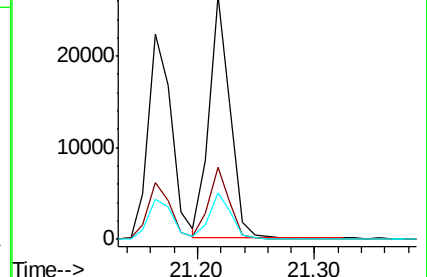
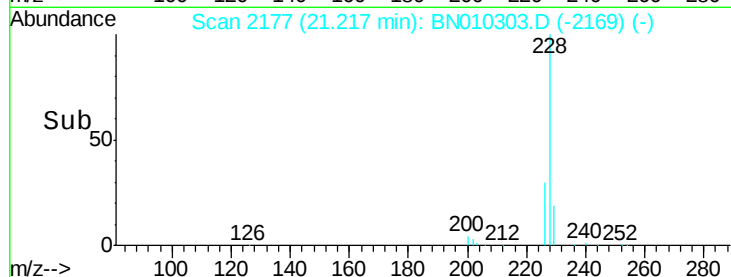
229 19.1 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.358 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

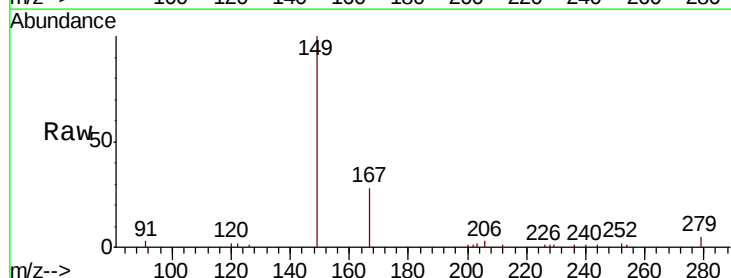
Tgt Ion:149 Resp: 9564

Ion Ratio Lower Upper

149 100

167 27.7 23.0 34.6

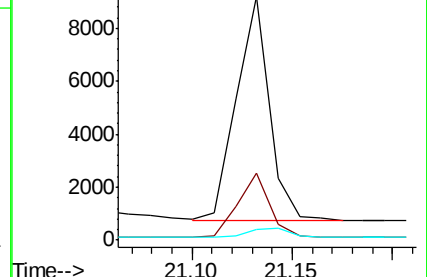
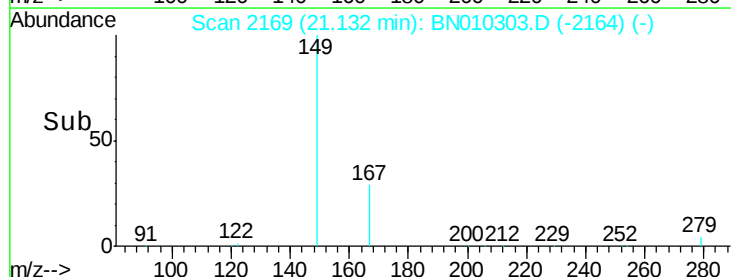
279 4.8 3.8 5.8

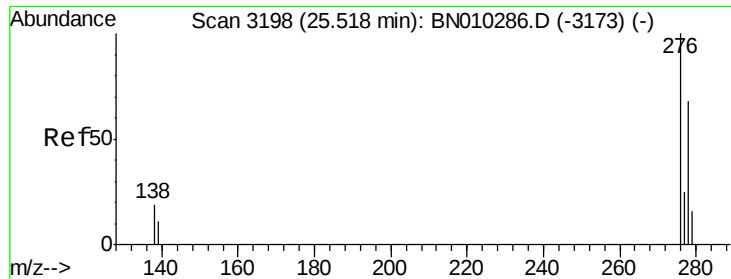


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

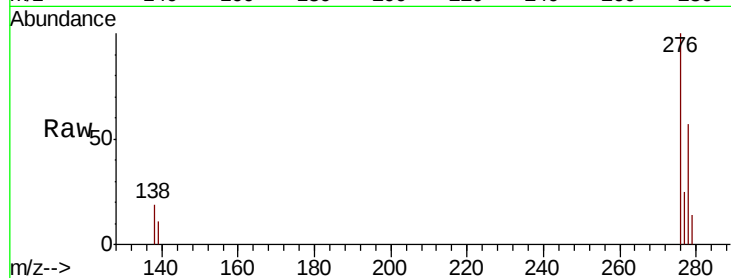




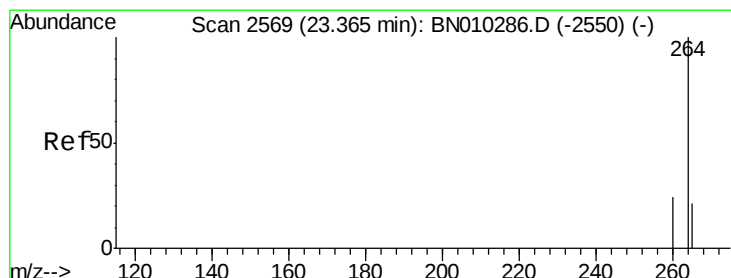
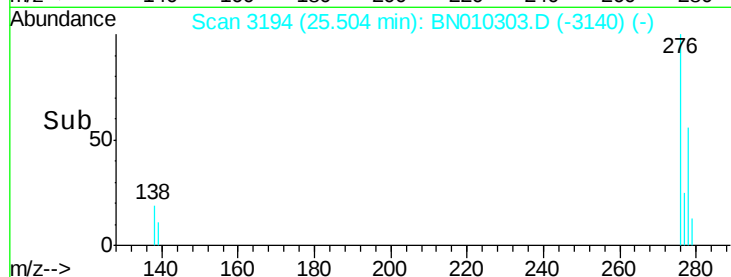
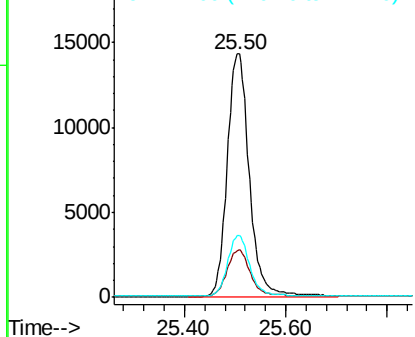
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.474 ng
 RT: 25.50 min Scan# 3194
 Delta R.T. -0.01 min
 Lab File: BN010303.D
 Acq: 20 Mar 2020 00:03

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 43121
 Ion Ratio Lower Upper
 276 100
 138 20.0 15.6 23.4
 277 25.1 20.1 30.1

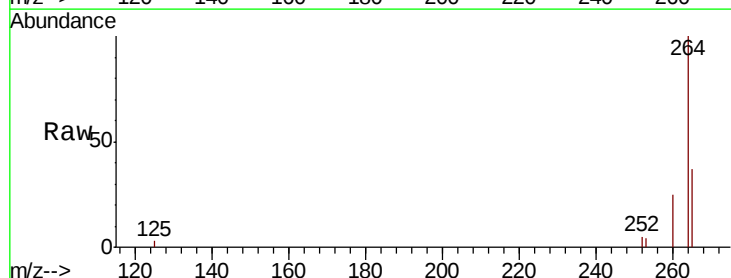


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

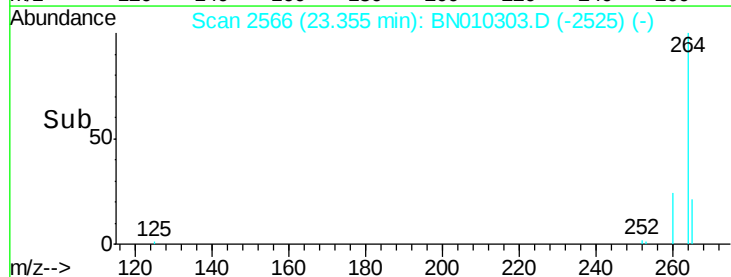
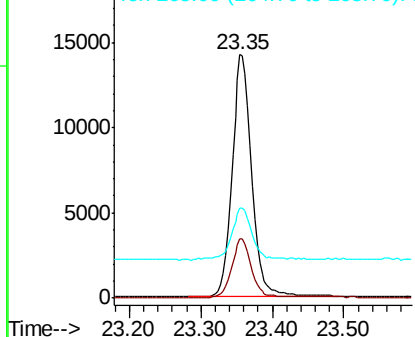


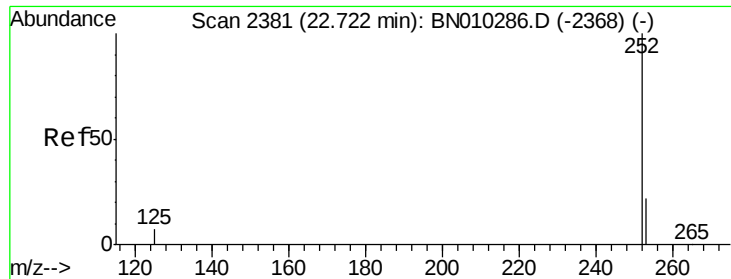
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.35 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BN010303.D
 Acq: 20 Mar 2020 00:03

Tgt Ion:264 Resp: 27067
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 36.8 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: 0.352 ng

RT: 22.71 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

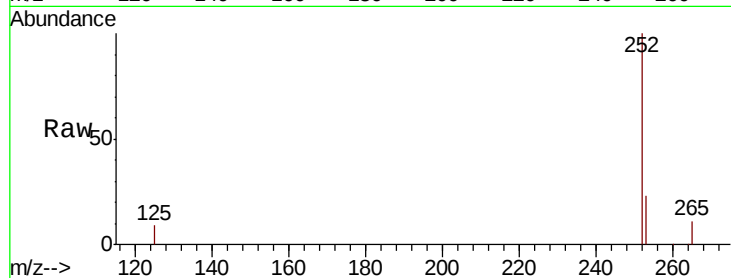
Tot Ion:252 Resp: 32370

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

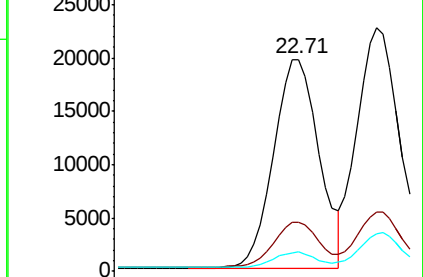
125 9.0 7.4 11.0



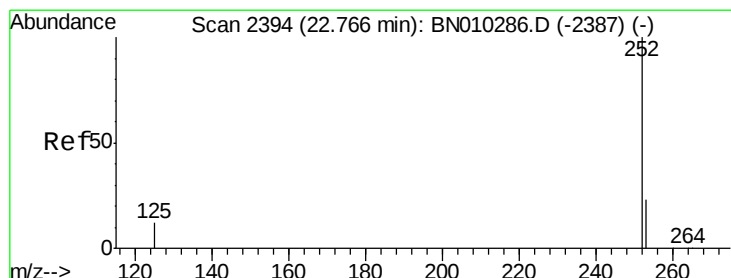
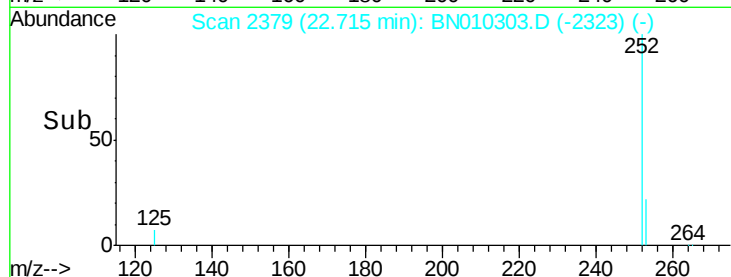
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Benzo(k)fluoranthene

Concen: 0.392 ng

RT: 22.76 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

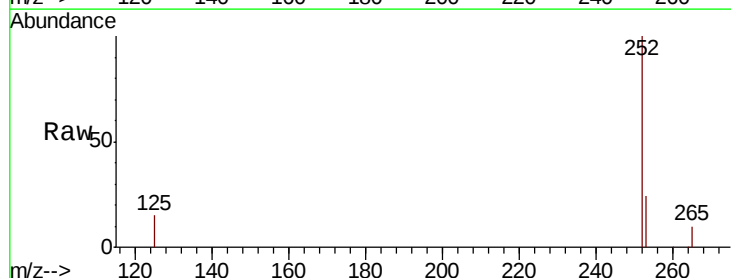
Tgt Ion:252 Resp: 36717

Ion Ratio Lower Upper

252 100

253 24.3 19.4 29.0

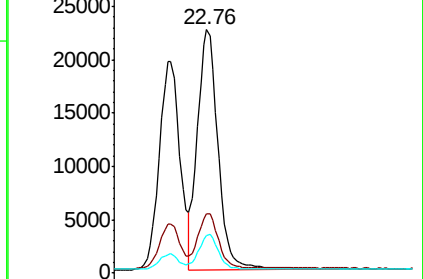
125 15.4 10.2 15.2#



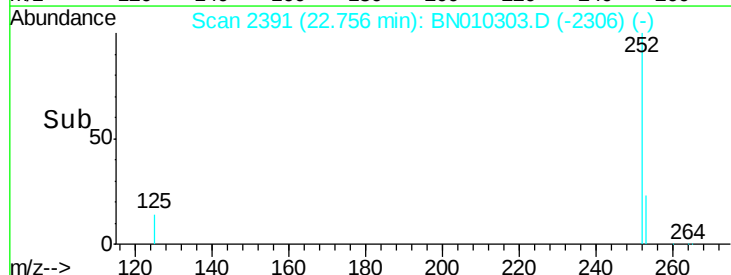
Abundance Ion 252.00 (251.70 to 252.70): E

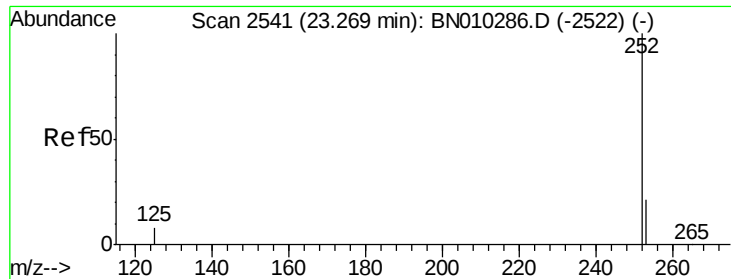
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#37

Benzo(a)pyrene

Concen: 0.357 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

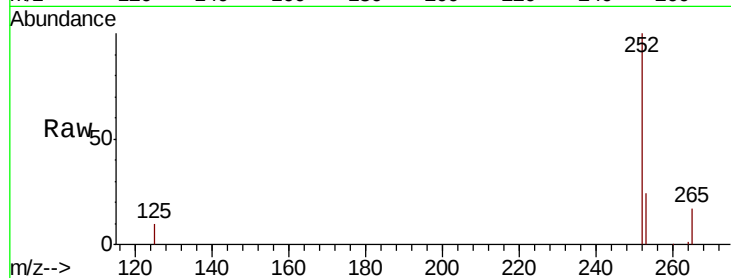
Tot Ion:252 Resp: 27734

Ion Ratio Lower Upper

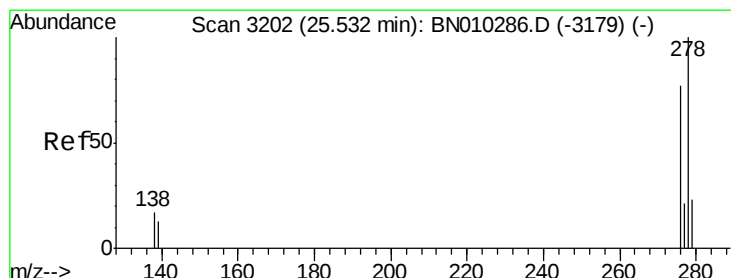
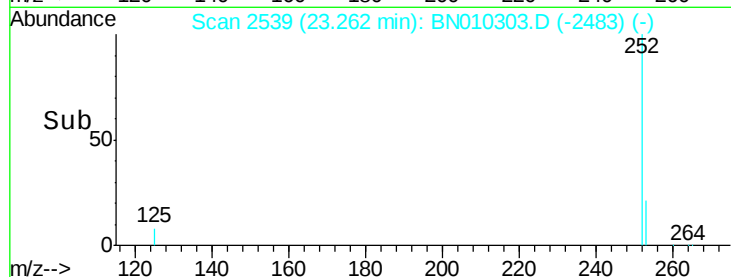
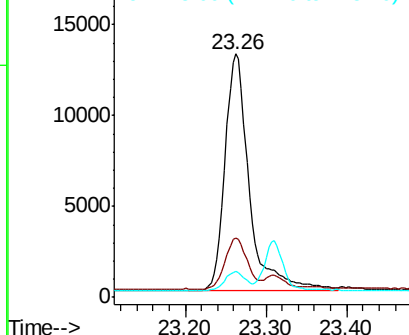
252 100

253 24.2 19.9 29.9

125 10.5 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: 0.416 ng

RT: 25.52 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BN010303.D

Acq: 20 Mar 2020 00:03

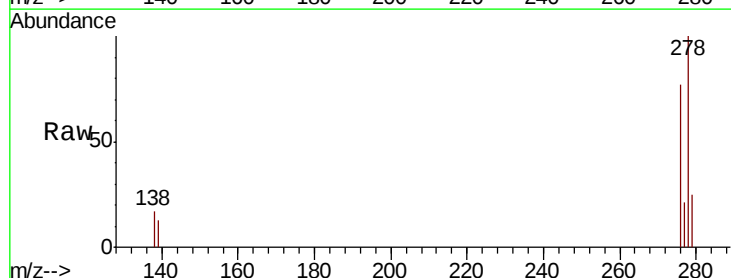
Tgt Ion:278 Resp: 34933

Ion Ratio Lower Upper

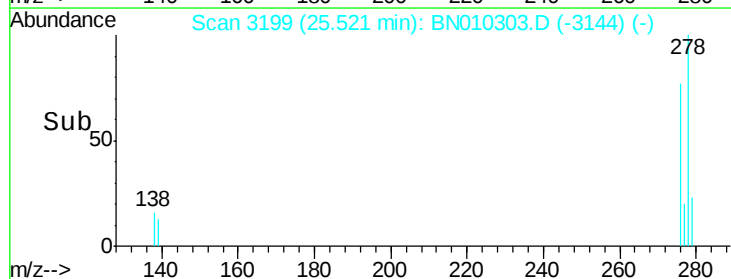
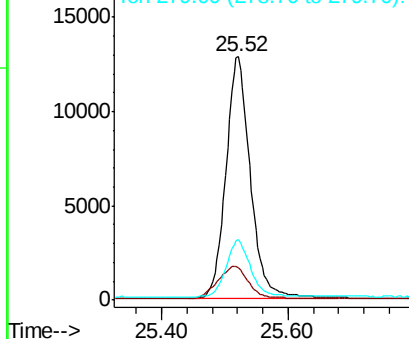
278 100

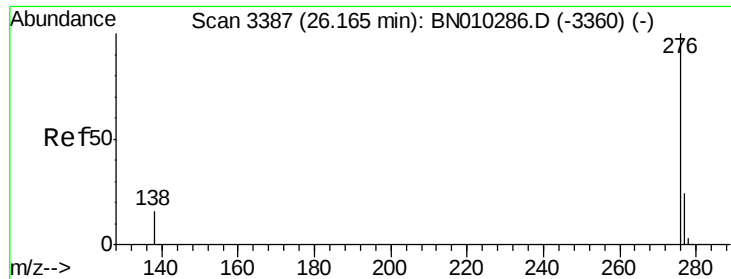
139 13.2 10.6 16.0

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: 0.380 ng

RT: 26.15 min Scan# 3384

Delta R.T. -0.01 min

Lab File: BN010303.D

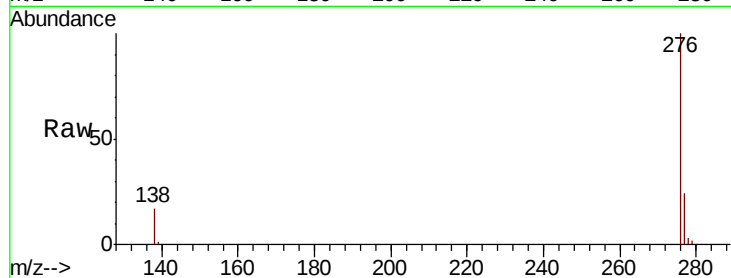
Acq: 20 Mar 2020 00:03

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 32119

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

