

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
 Data File : BN010701.D
 Acq On : 13 May 2020 10:10
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: May 13 13:30:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 13:23:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3658	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	14501	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	8710	0.40	ng	0.01
19) Phenanthrene-d10	16.96	188	18212	0.40	ng	0.01
27) Chrysene-d12	21.16	240	13465	0.40	ng	0.01
34) Perylene-d12	23.32	264	12746	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	718	0.09	ng	0.00
5) Phenol-d6	6.78	99	788	0.08	ng	0.00
8) Nitrobenzene-d5	8.72	82	917	0.09	ng	0.01
11) 2-Methylnaphthalene-d10	11.94	152	2220	0.09	ng	0.01
14) 2,4,6-Tribromophenol	15.73	330	240	0.06	ng	0.02
15) 2-Fluorobiphenyl	12.84	172	2998	0.09	ng	0.02
25) Fluoranthene-d10	19.00	212	4516	0.08	ng	0.00
29) Terphenyl-d14	19.61	244	3213	0.10	ng	0.00

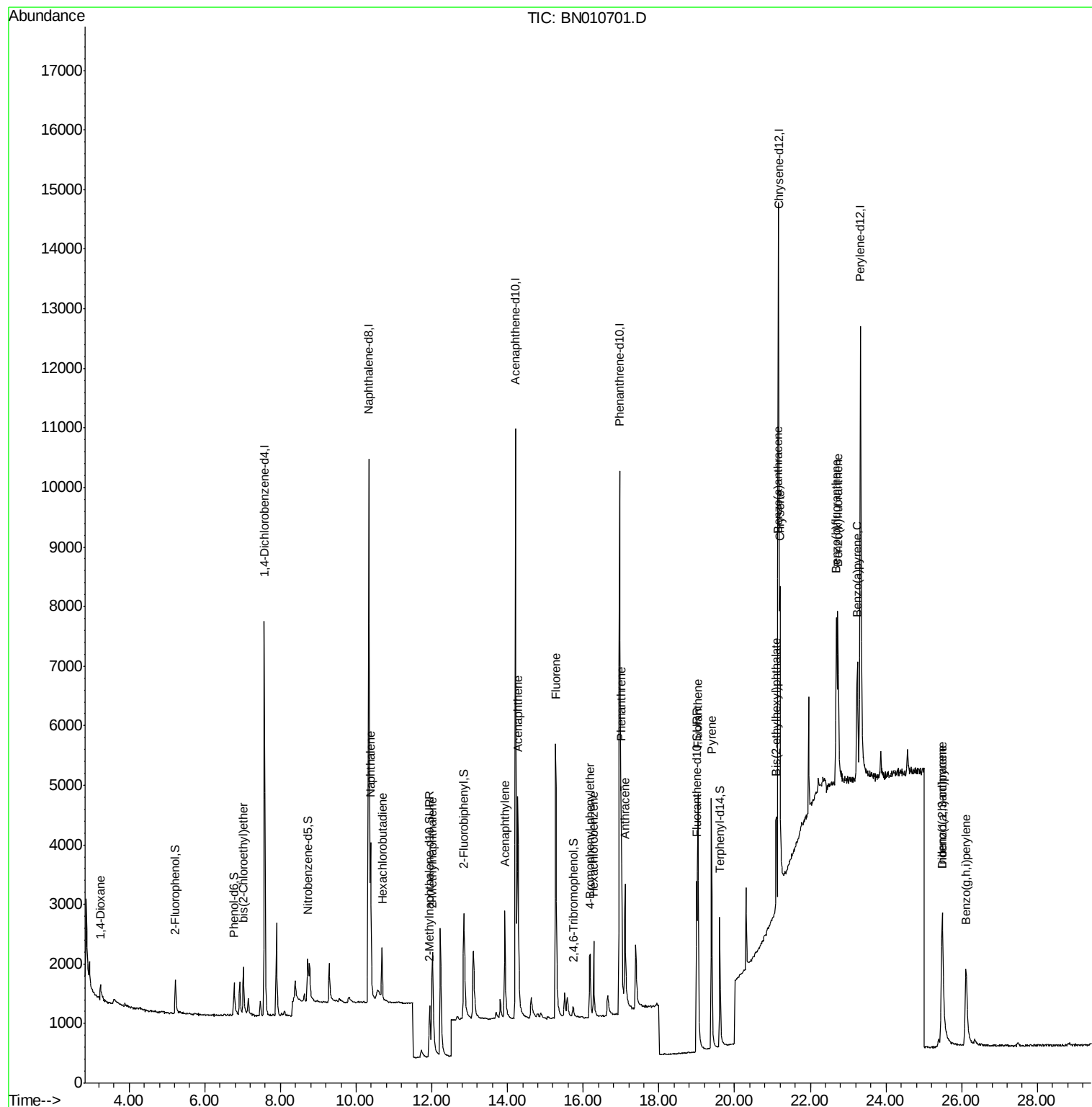
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	330	0.12	ng	# 95
6) bis(2-Chloroethyl)ether	7.02	93	953	0.11	ng	98
9) Naphthalene	10.38	128	3548	0.10	ng	95
10) Hexachlorobutadiene	10.68	225	852	0.10	ng	# 99
12) 2-Methylnaphthalene	12.01	142	2360	0.09	ng	96
16) Acenaphthylene	13.92	152	3162	0.08	ng	99
17) Acenaphthene	14.27	154	2296	0.09	ng	98
18) Fluorene	15.27	166	2936	0.09	ng	98
20) 4-Bromophenyl-phenylether	16.18	248	857	0.08	ng	96
21) Hexachlorobenzene	16.27	284	1220	0.11	ng	97
23) Phenanthrene	17.01	178	4533	0.09	ng	99
24) Anthracene	17.10	178	3408	0.08	ng	97
26) Fluoranthene	19.03	202	4982	0.08	ng	99
28) Pyrene	19.39	202	4972	0.11	ng	100
30) Benzo(a)anthracene	21.14	228	3776	0.09	ng	97
31) Chrysene	21.20	228	4517	0.10	ng	97
32) Bis(2-ethylhexyl)phthalate	21.09	149	1697	0.08	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.48	276	4025	0.10	ng	99
35) Benzo(b)fluoranthene	22.69	252	4038	0.10	ng	# 71
36) Benzo(k)fluoranthene	22.73	252	4669	0.11	ng	# 71
37) Benzo(a)pyrene	23.24	252	3490	0.09	ng	# 57
38) Dibenzo(a,h)anthracene	25.49	278	3015	0.09	ng	# 73
39) Benzo(g,h,i)perylene	26.11	276	3849	0.11	ng	# 90

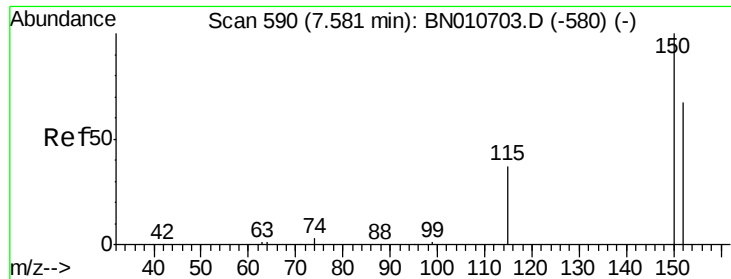
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.58 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

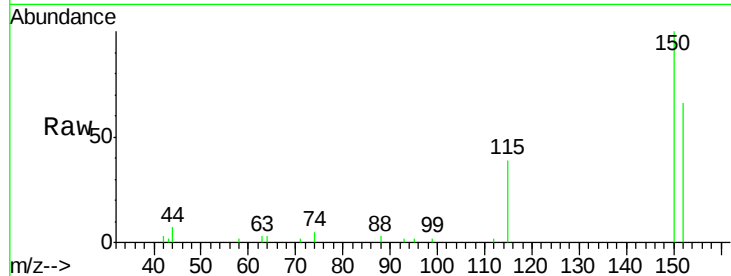
Tgt Ion:152 Resp: 3658

Ion Ratio Lower Upper

152 100

150 150.8 119.4 179.0

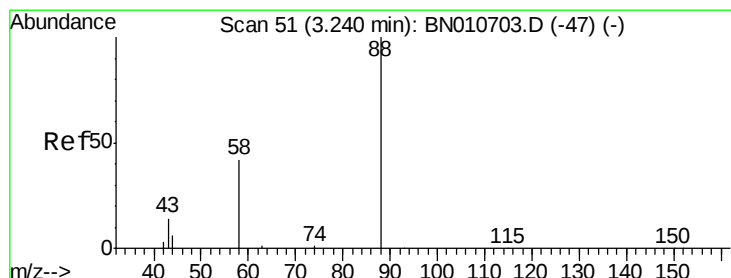
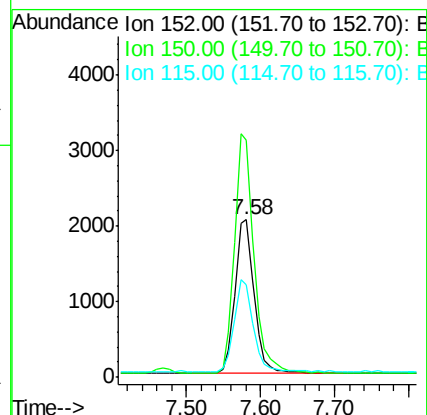
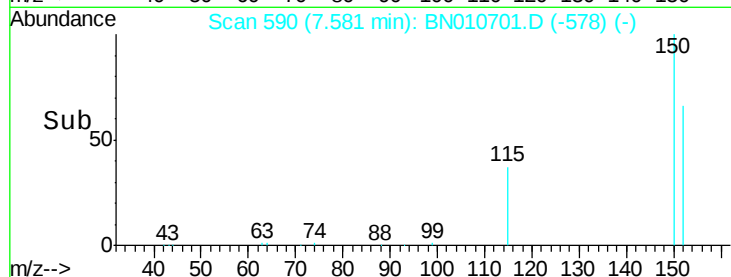
115 58.8 45.9 68.9



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: 0.12 ng

RT: 3.24 min Scan# 51

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

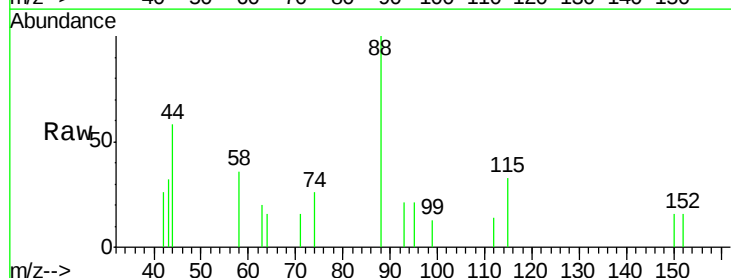
Tgt Ion: 88 Resp: 330

Ion Ratio Lower Upper

88 100

58 46.1 39.0 58.6

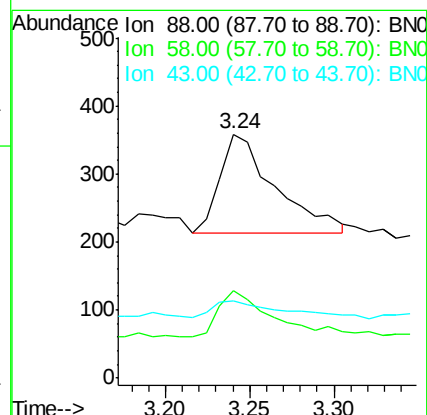
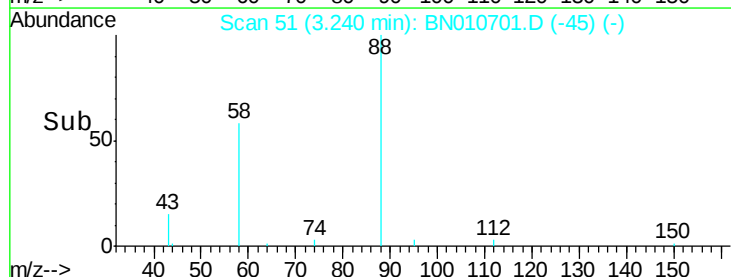
43 19.7 13.1 19.7#

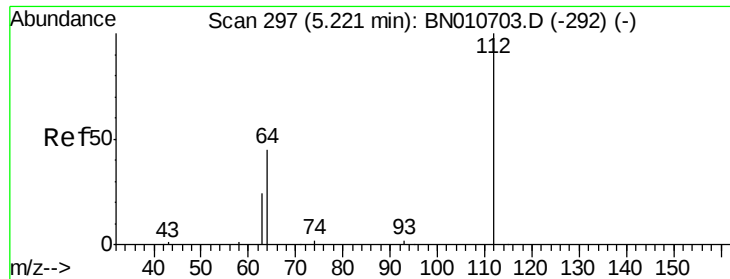


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.09 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

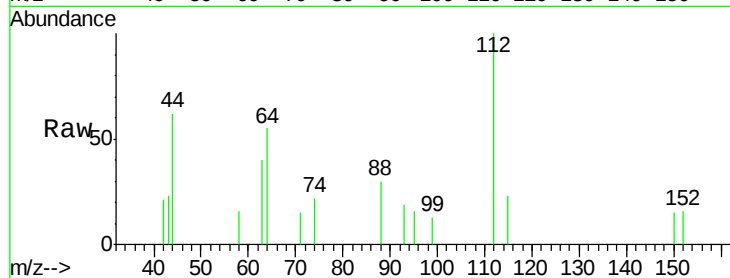
Tgt Ion: 112 Resp: 718

Ion Ratio Lower Upper

112 100

64 47.8 36.2 54.4

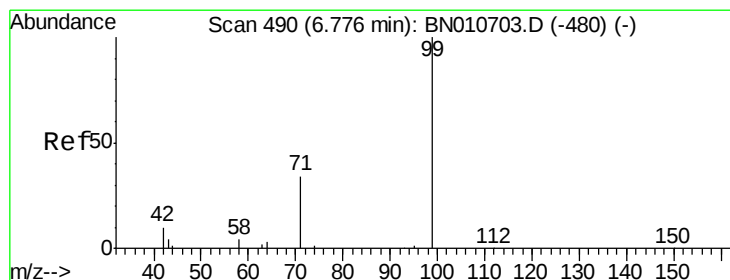
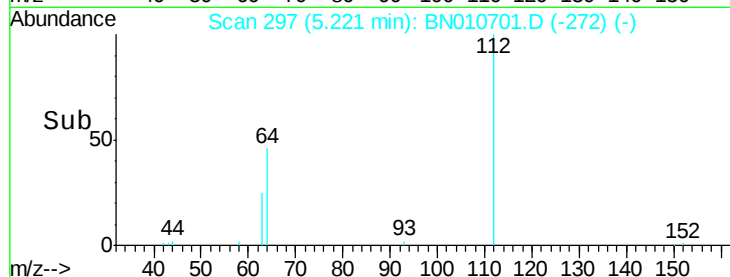
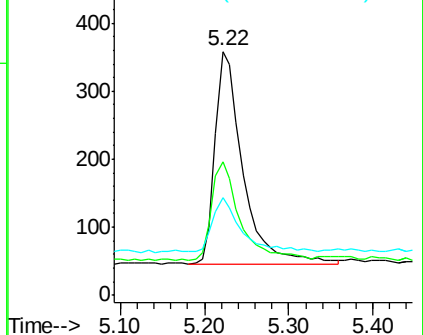
63 26.2 19.8 29.8



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.08 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

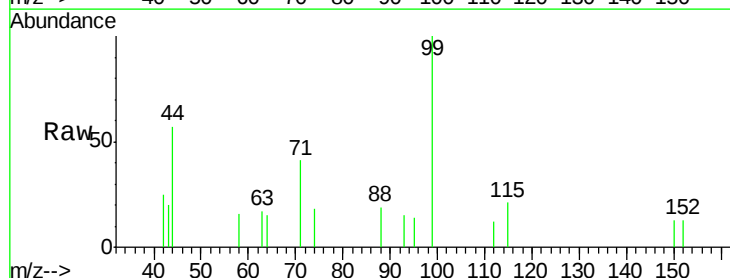
Tgt Ion: 99 Resp: 788

Ion Ratio Lower Upper

99 100

42 14.5 9.8 14.8

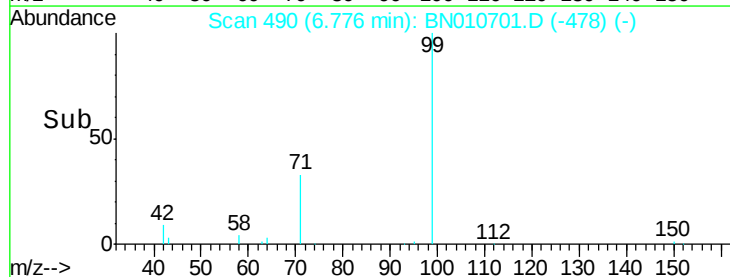
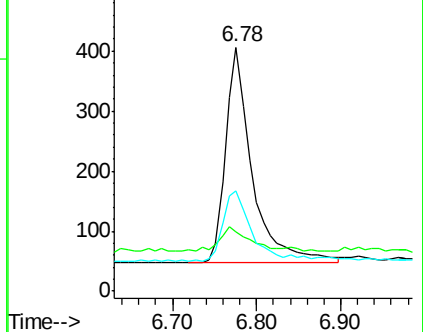
71 33.4 28.6 42.8

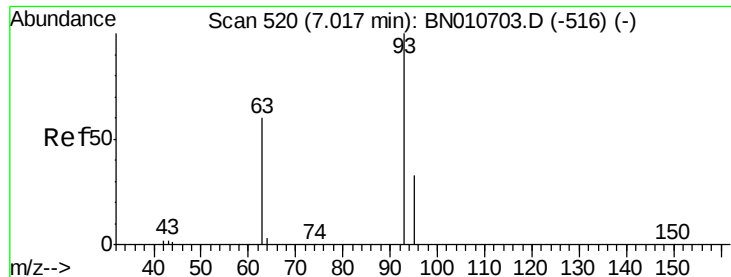


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

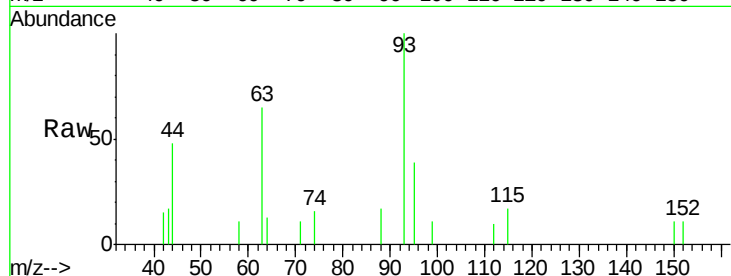
Tgt Ion: 93 Resp: 953

Ion Ratio Lower Upper

93 100

63 52.5 43.1 64.7

95 31.4 24.6 37.0

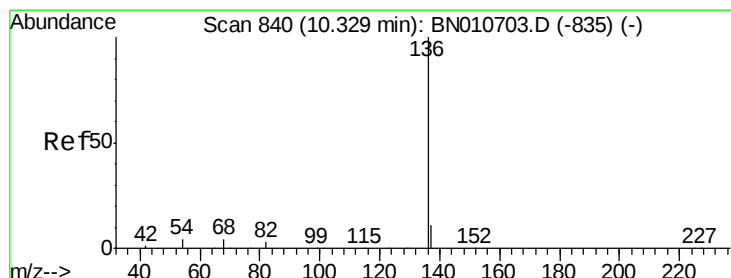
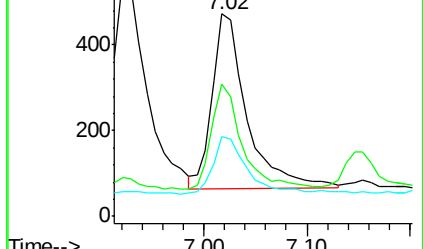
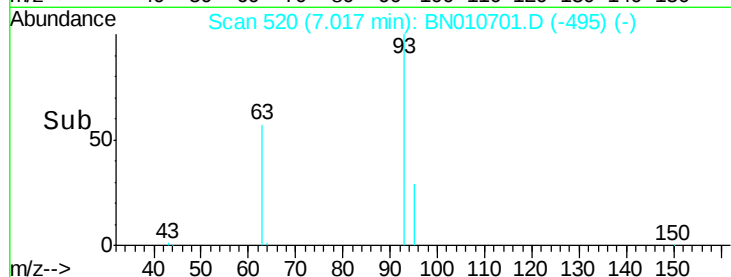


Abundance Ion 93.00 (92.70 to 93.70): BN010703.D (-516) (-)

Ion 63.00 (62.70 to 63.70): BN010703.D (-516) (-)

Ion 95.00 (94.70 to 95.70): BN010703.D (-516) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Tgt Ion: 136 Resp: 14501

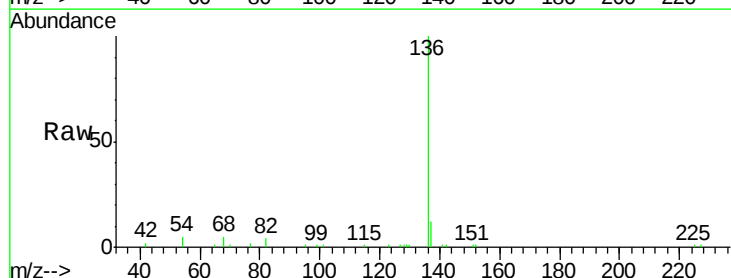
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 4.8 3.6 5.4

68 5.5 4.1 6.1



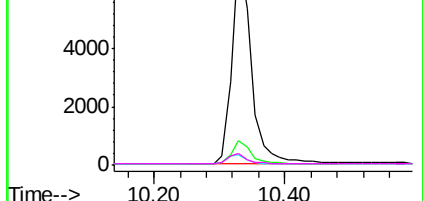
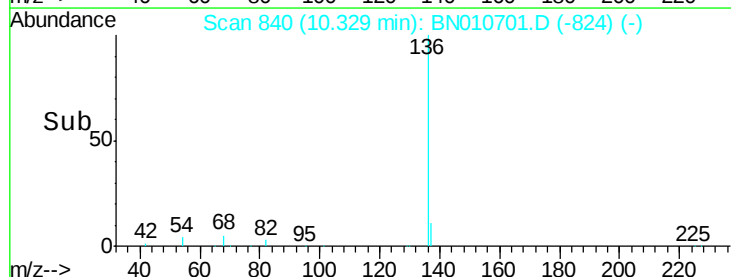
Abundance Ion 136.00 (135.70 to 136.70): BN010703.D (-835) (-)

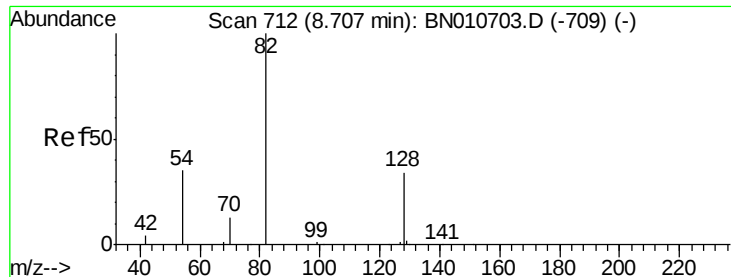
Ion 137.00 (136.70 to 137.70): BN010703.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN010703.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN010703.D (-835) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.09 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

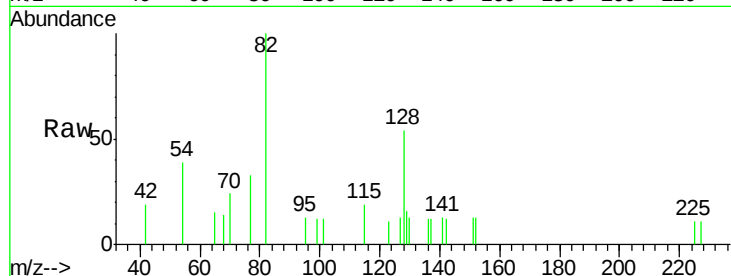
Tgt Ion: 82 Resp: 917

Ion Ratio Lower Upper

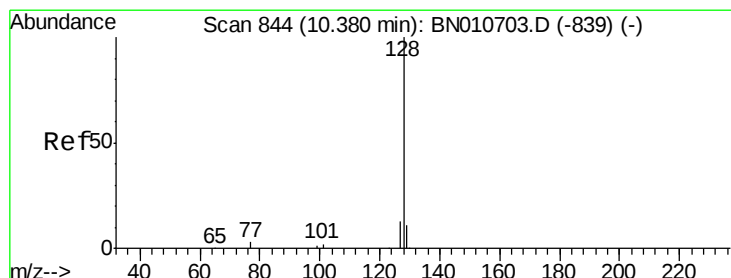
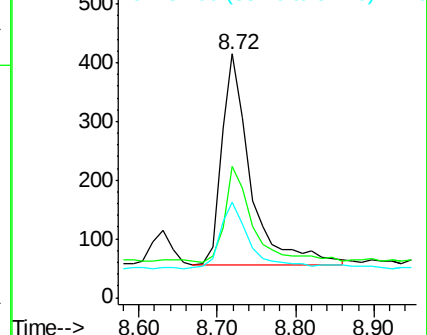
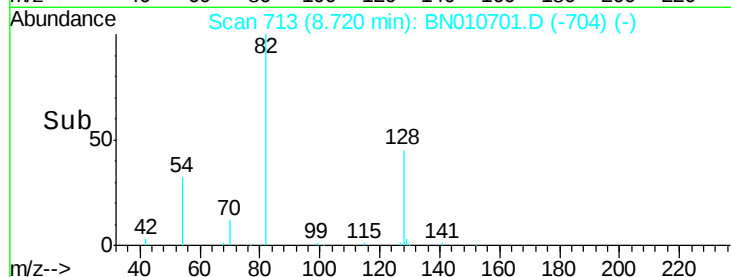
82 100

128 53.7 29.0 43.4#

54 39.3 29.3 43.9



Abundance Ion 82.00 (81.70 to 82.70): BN010701.D (-704) (-)



#9

Naphthalene

Concen: 0.10 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

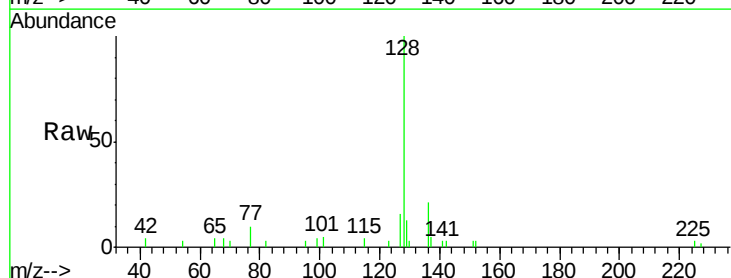
Tgt Ion: 128 Resp: 3548

Ion Ratio Lower Upper

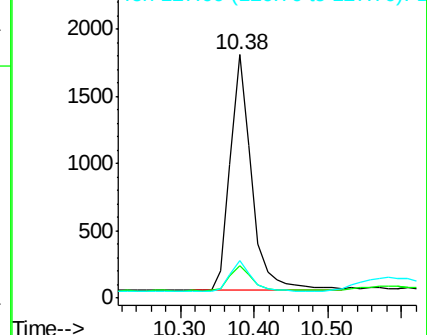
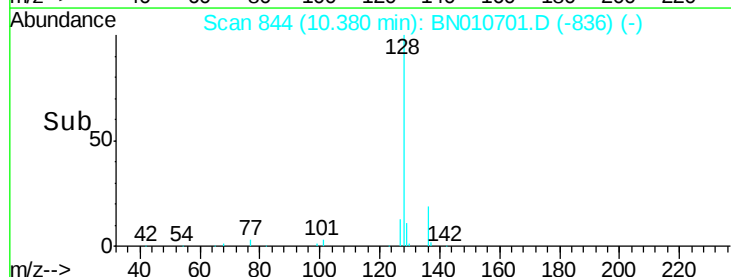
128 100

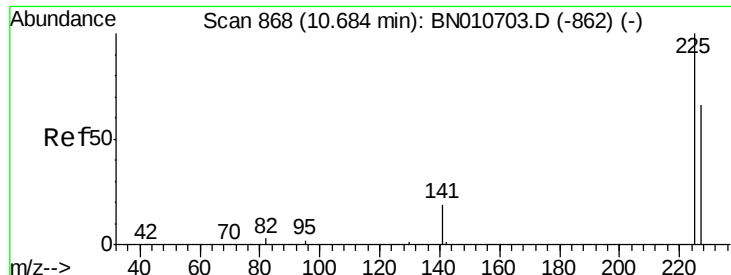
129 13.5 9.3 13.9

127 15.5 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): BN010701.D (-836) (-)

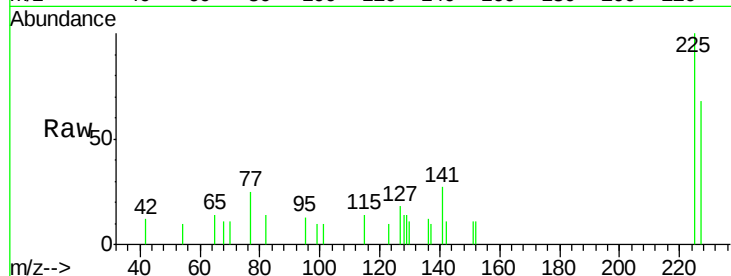




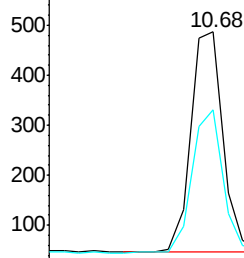
#10
Hexachlorobutadiene
Concen: 0.10 ng
RT: 10.68 min Scan# 868
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

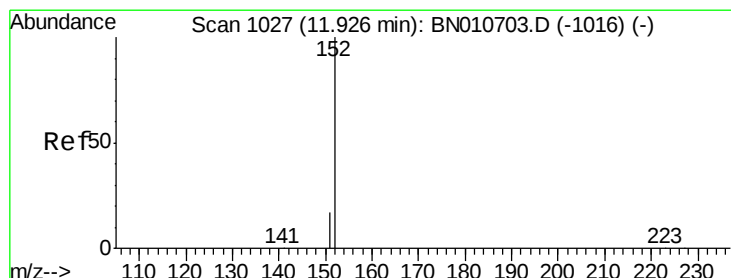
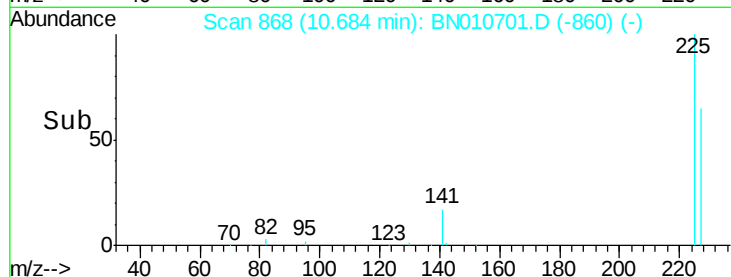
Tgt Ion: 225 Resp: 852
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.4 50.7 76.1



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

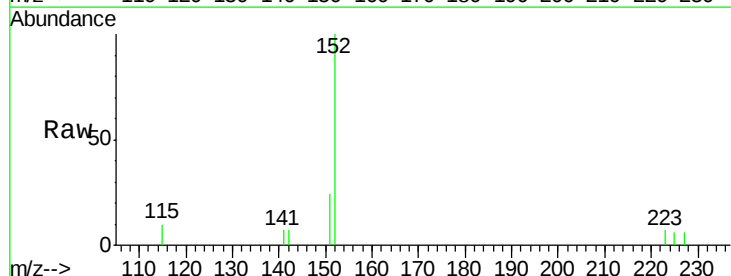


Time-->

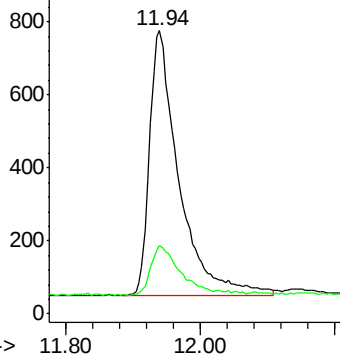


#11
2-Methylnaphthalene-d10
Concen: 0.09 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

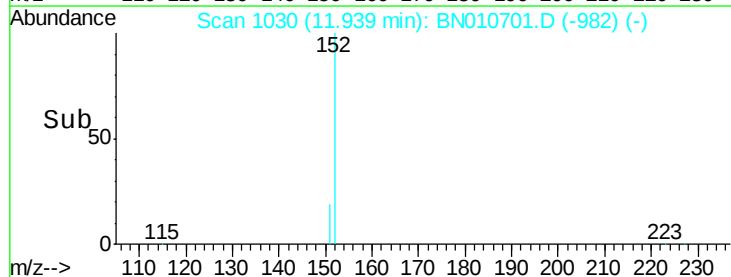
Tgt Ion: 152 Resp: 2220
Ion Ratio Lower Upper
152 100
151 18.5 15.0 22.6

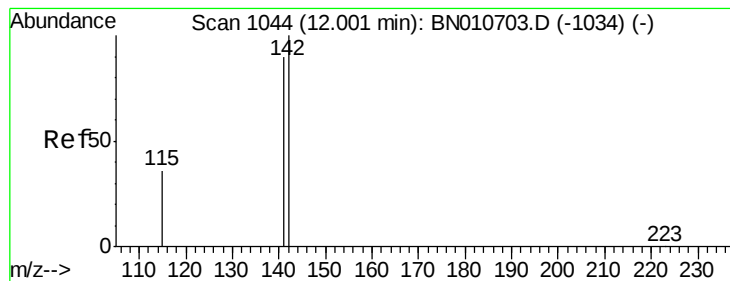


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E



Time-->





#12

2-Methylnaphthalene

Concen: 0.09 ng

RT: 12.01 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

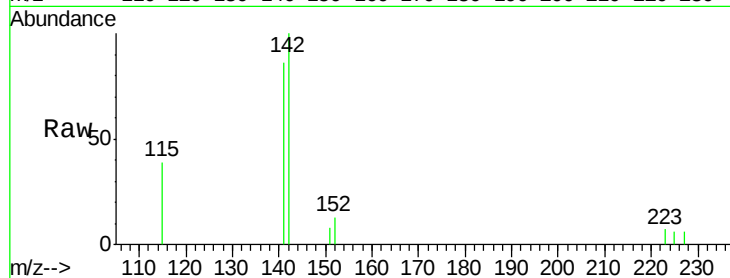
Tgt Ion:142 Resp: 2360

Ion Ratio Lower Upper

142 100

141 85.8 71.7 107.5

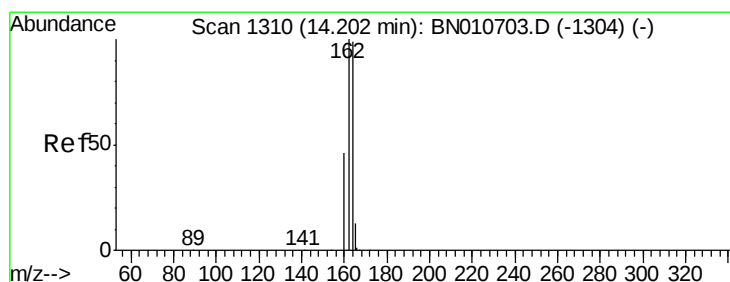
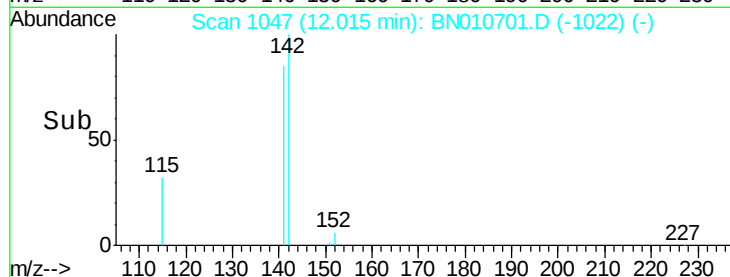
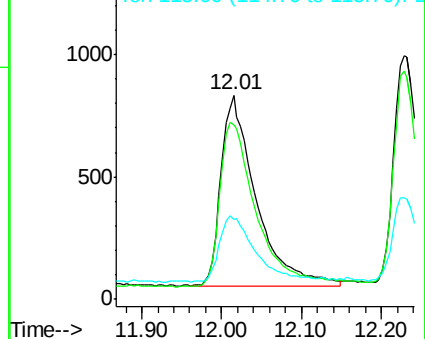
115 39.1 29.8 44.6



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: 0.40 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

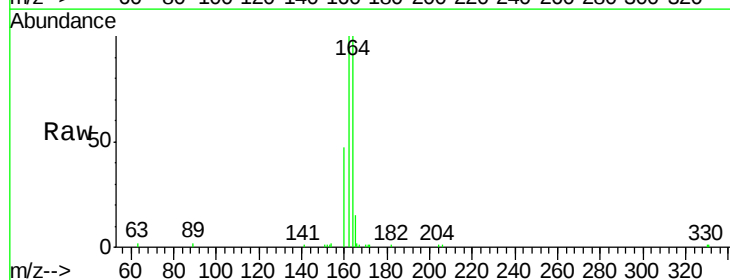
Tgt Ion:164 Resp: 8710

Ion Ratio Lower Upper

164 100

162 100.1 81.1 121.7

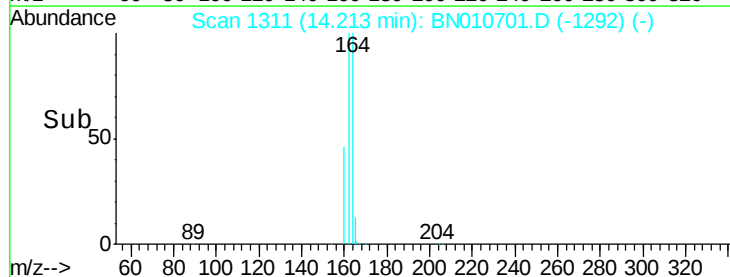
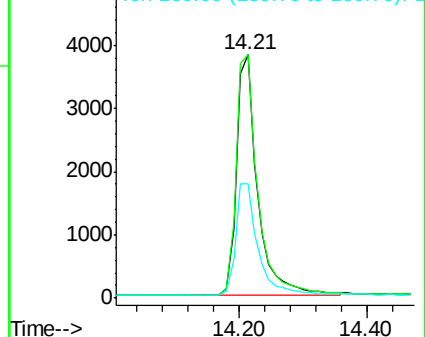
160 46.8 37.9 56.9

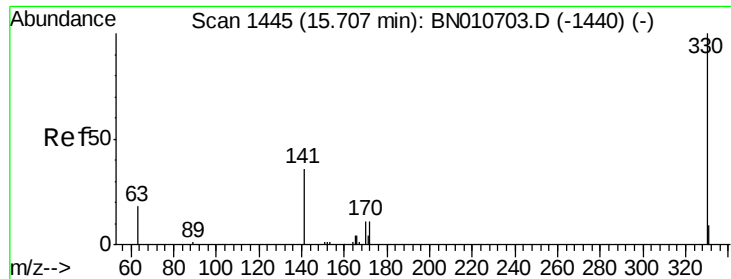


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

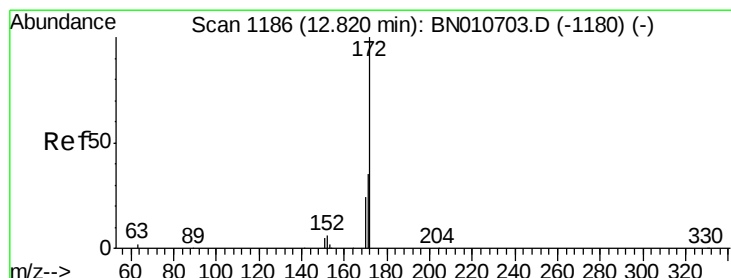
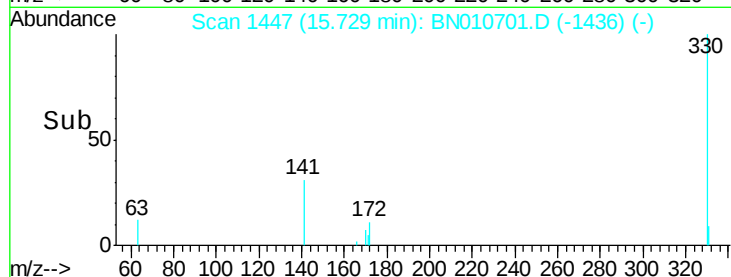
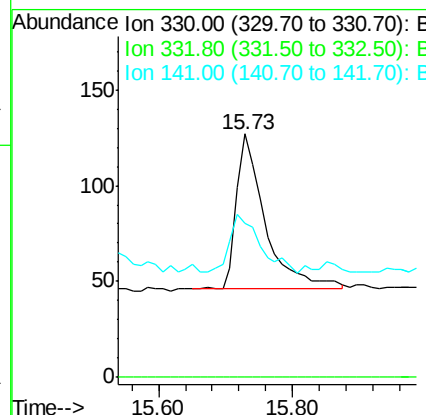
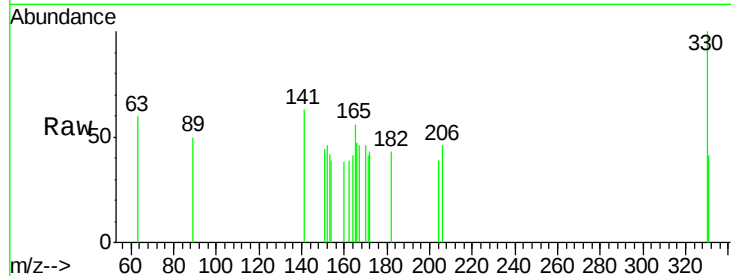




#14
 2,4,6-Tribromophenol
 Concen: 0.06 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. 0.02 min
 Lab File: BN010701.D
 Acq: 13 May 2020 10:10

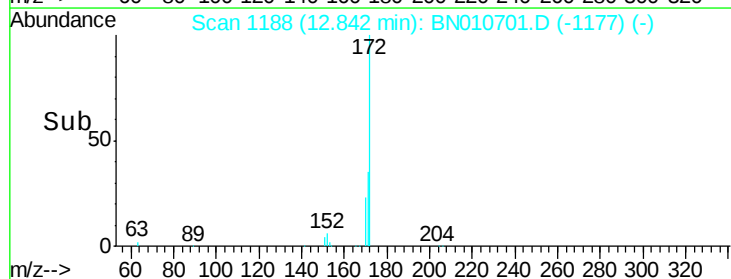
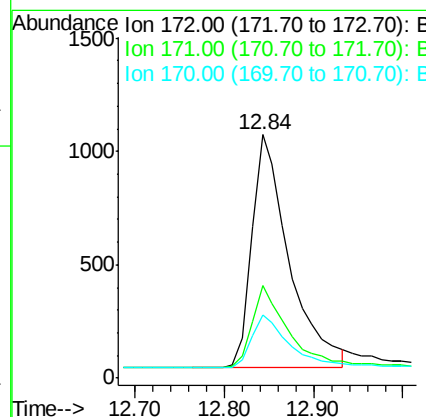
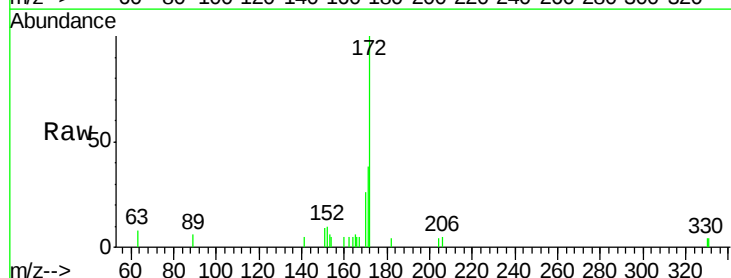
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

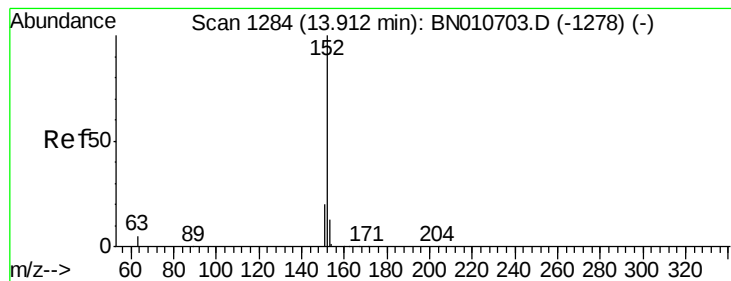
Tgt Ion: 330 Resp: 240
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.8 28.8 43.2



#15
 2-Fluorobiphenyl
 Concen: 0.09 ng
 RT: 12.84 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BN010701.D
 Acq: 13 May 2020 10:10

Tgt Ion: 172 Resp: 2998
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.6 42.8
 170 26.2 19.8 29.8





#16

Acenaphthylene

Concen: 0.08 ng

RT: 13.92 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

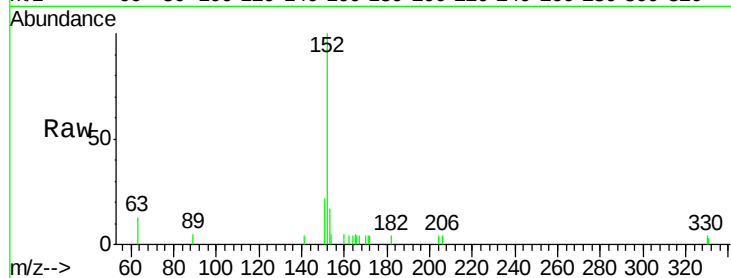
Tgt Ion:152 Resp: 3162

Ion Ratio Lower Upper

152 100

151 20.2 15.6 23.4

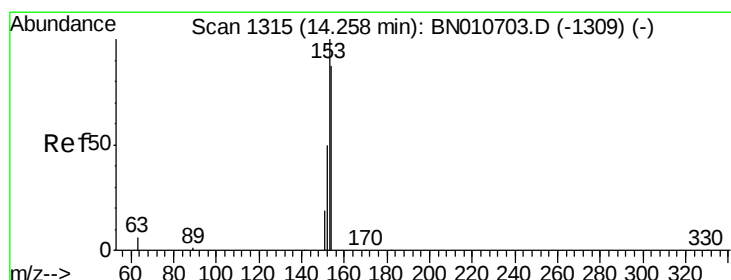
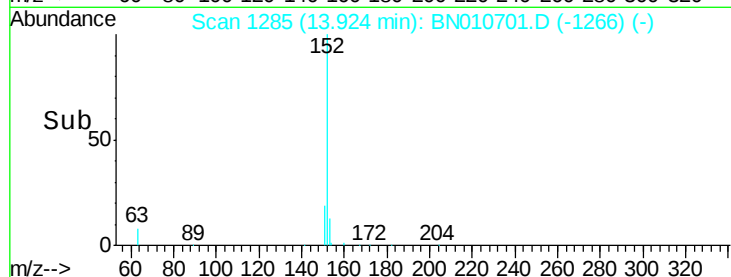
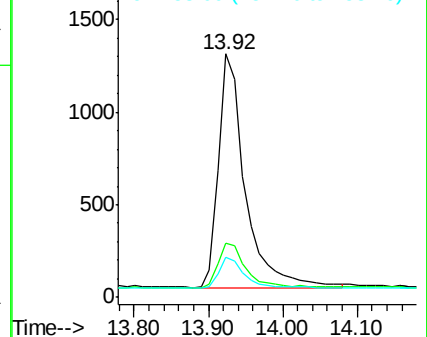
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.09 ng

RT: 14.27 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

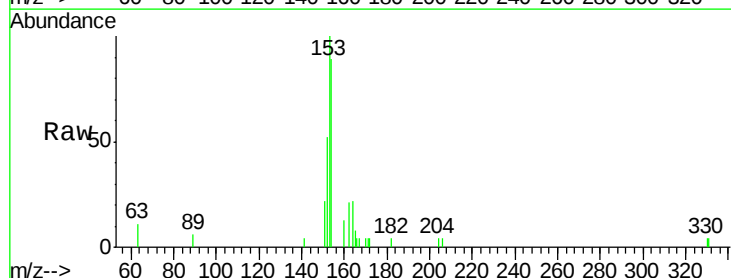
Tgt Ion:154 Resp: 2296

Ion Ratio Lower Upper

154 100

153 117.8 91.5 137.3

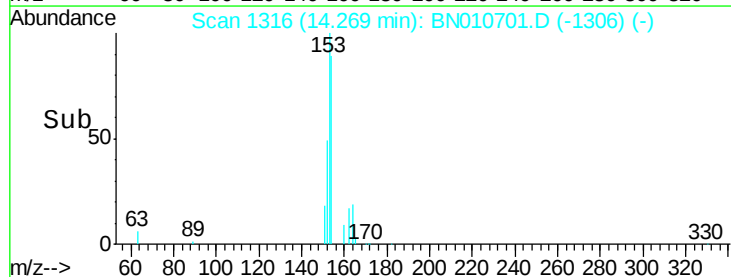
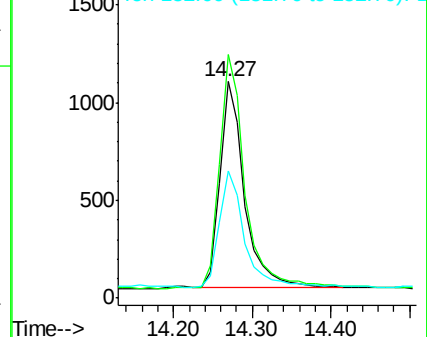
152 57.6 45.6 68.4

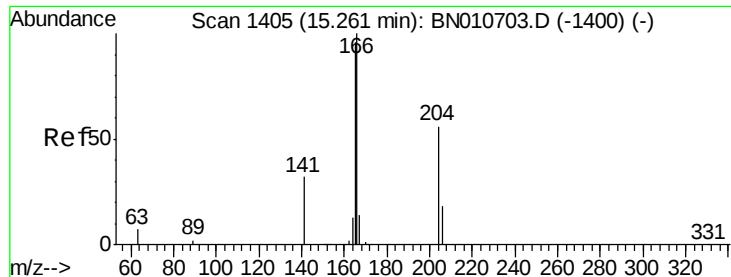


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.09 ng

RT: 15.27 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

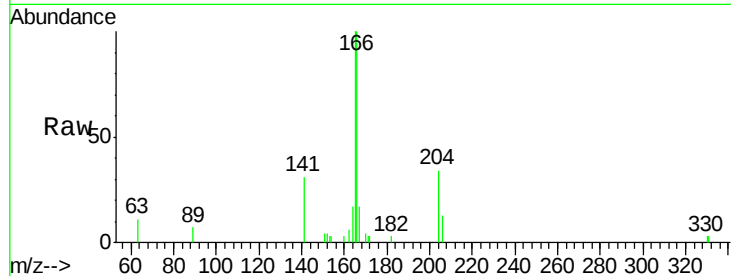
Tgt Ion:166 Resp: 2936

Ion Ratio Lower Upper

166 100

165 99.1 77.9 116.9

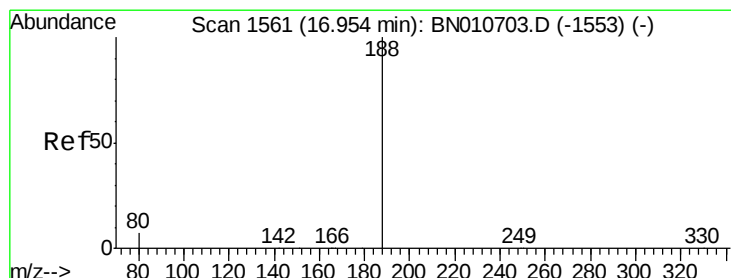
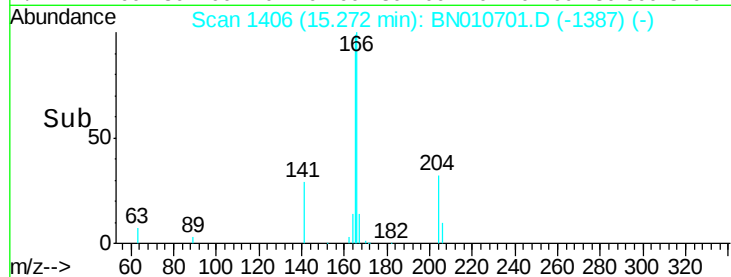
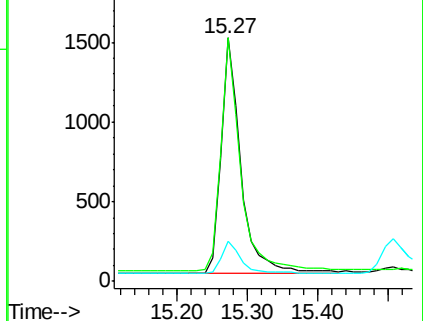
167 14.2 11.0 16.4



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



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

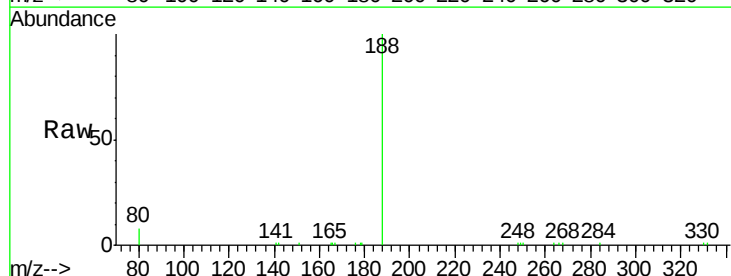
Tgt Ion:188 Resp: 18212

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

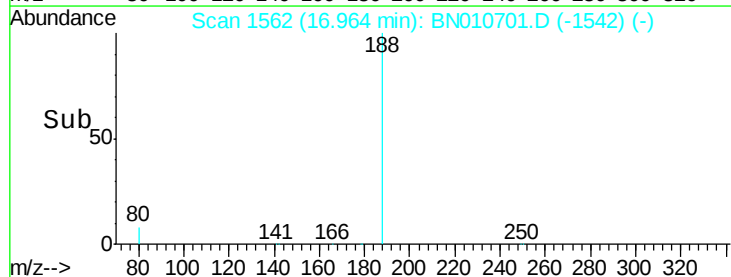
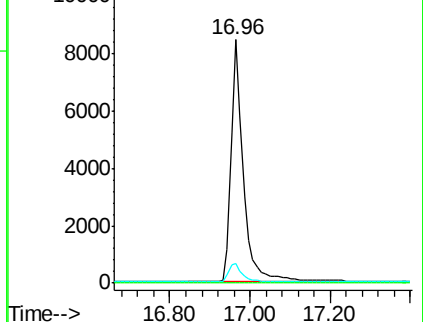
80 8.1 6.3 9.5

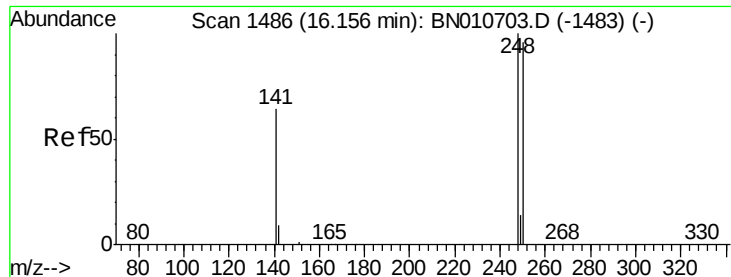


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#20

4-Bromophenyl-phenylether

Concen: 0.08 ng

RT: 16.18 min Scan# 1488

Delta R.T. 0.02 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

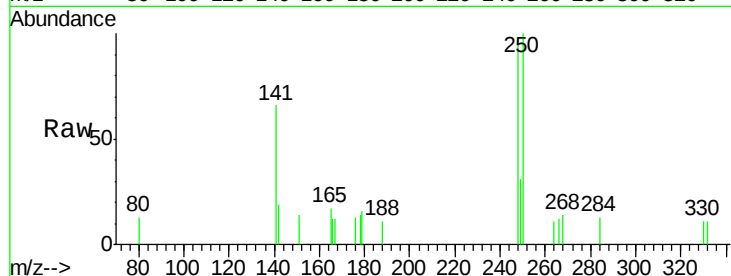
Tgt Ion:248 Resp: 857

Ion Ratio Lower Upper

248 100

250 102.9 77.4 116.0

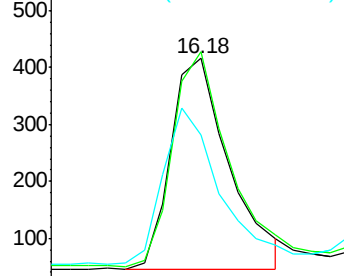
141 67.5 53.1 79.7



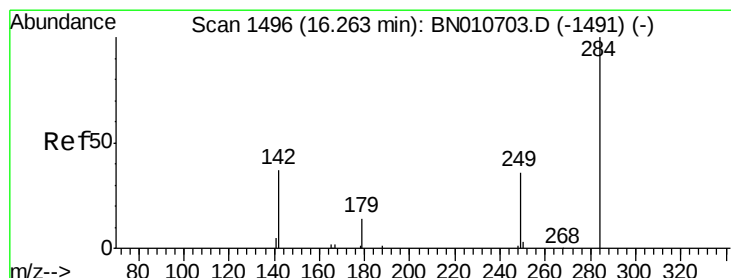
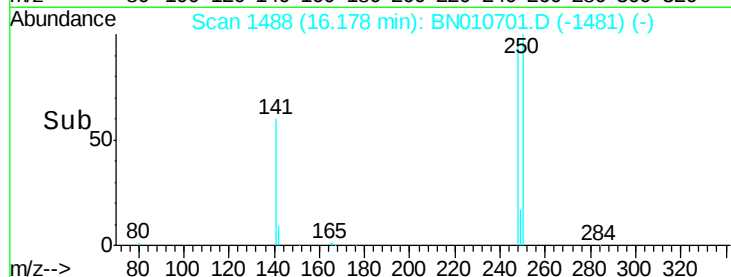
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#21

Hexachlorobenzene

Concen: 0.11 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

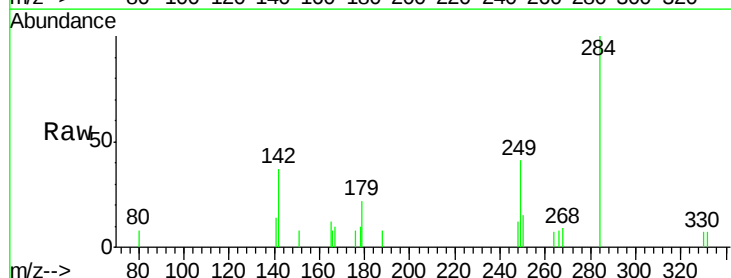
Tgt Ion:284 Resp: 1220

Ion Ratio Lower Upper

284 100

142 32.5 28.2 42.2

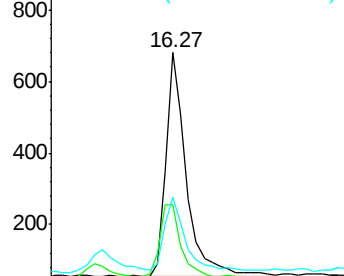
249 31.7 26.4 39.6



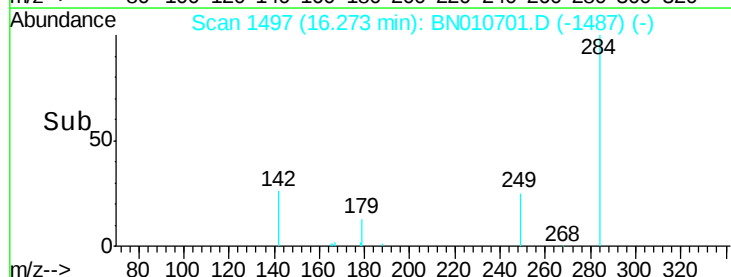
Abundance Ion 283.80 (283.50 to 284.50): E

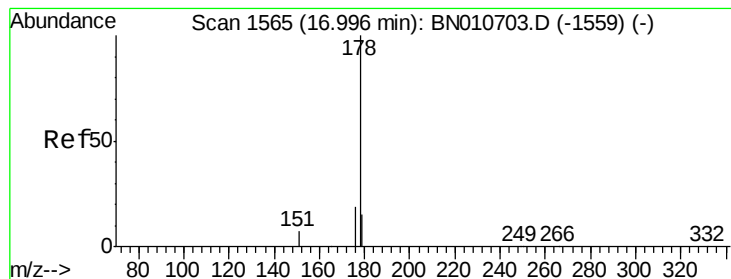
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->





#23

Phenanthrene

Concen: 0.09 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

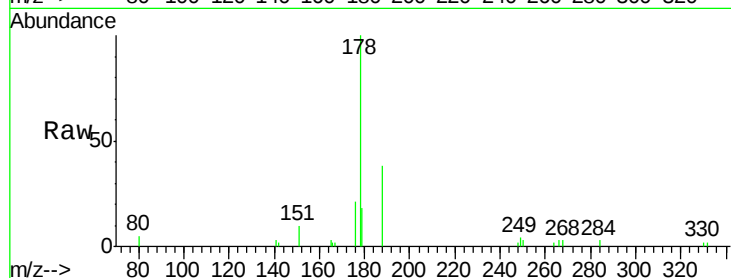
Tgt Ion:178 Resp: 4533

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

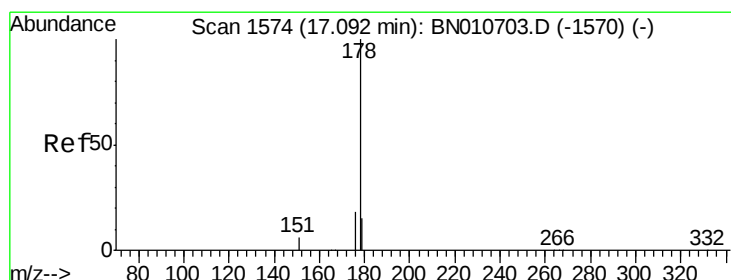
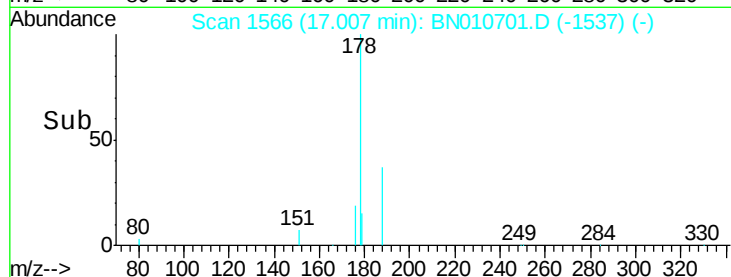
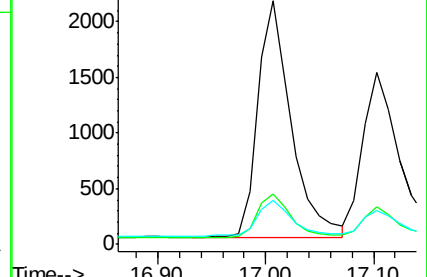
179 16.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.08 ng

RT: 17.10 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

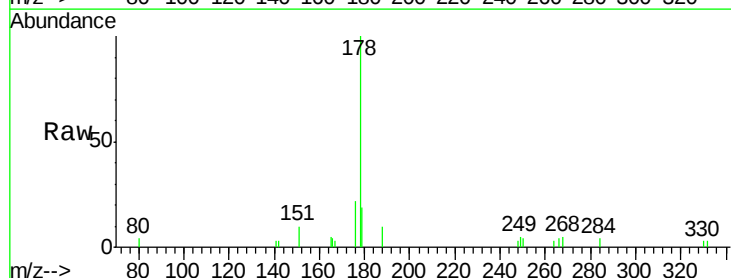
Tgt Ion:178 Resp: 3408

Ion Ratio Lower Upper

178 100

176 19.0 14.7 22.1

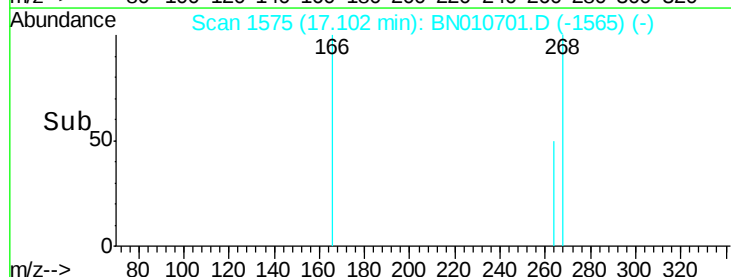
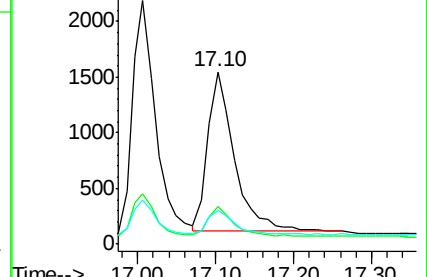
179 13.8 12.3 18.5

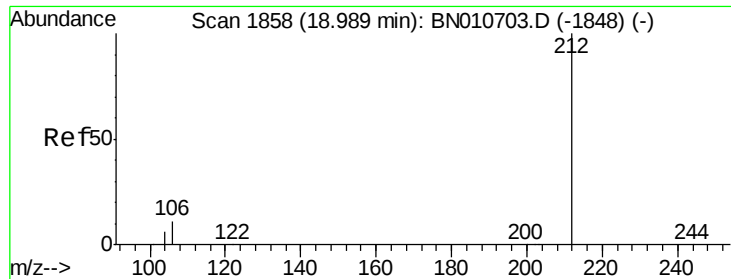


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.08 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

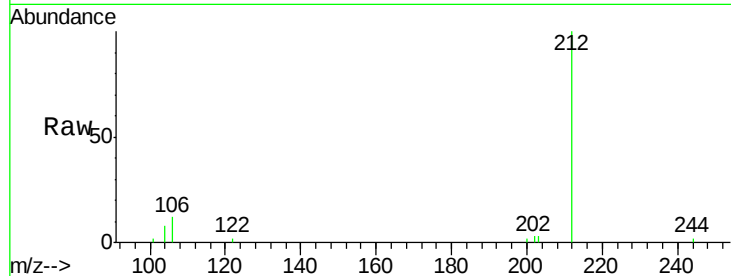
Tgt Ion:212 Resp: 4516

Ion Ratio Lower Upper

212 100

106 10.0 8.2 12.2

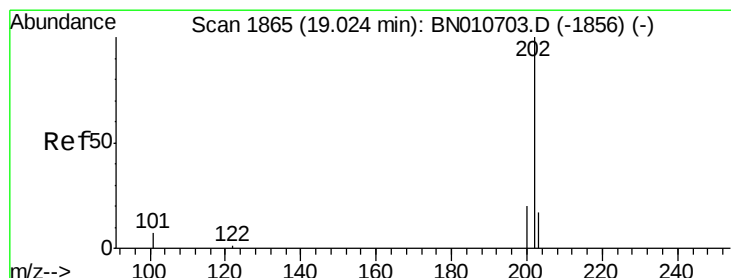
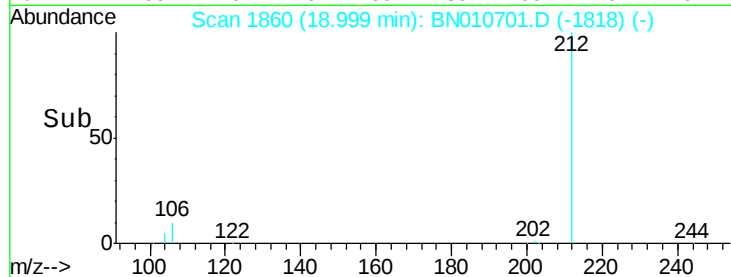
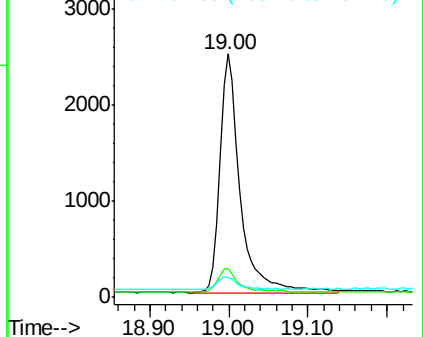
104 5.6 4.7 7.1



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: 0.08 ng

RT: 19.03 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

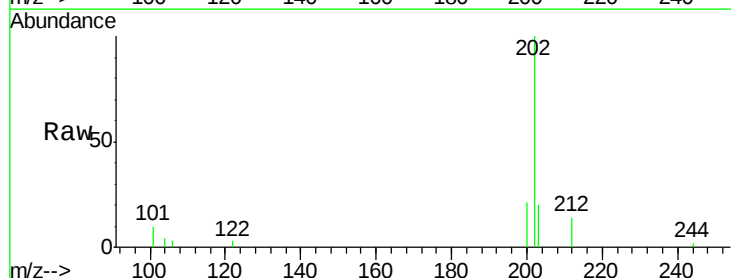
Tgt Ion:202 Resp: 4982

Ion Ratio Lower Upper

202 100

101 8.6 6.7 10.1

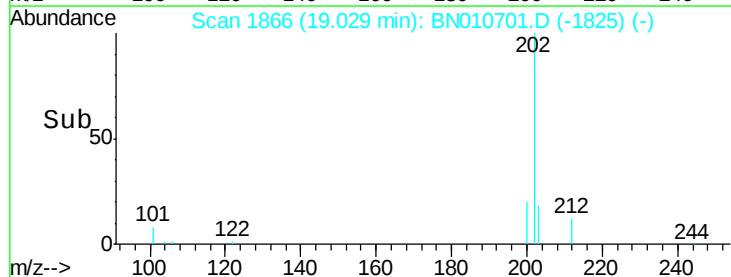
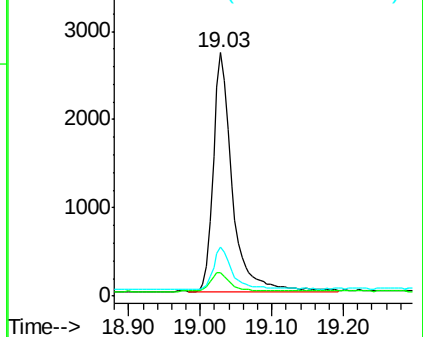
203 17.0 13.4 20.0

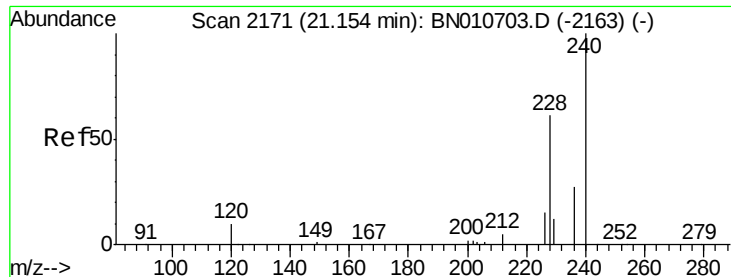


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

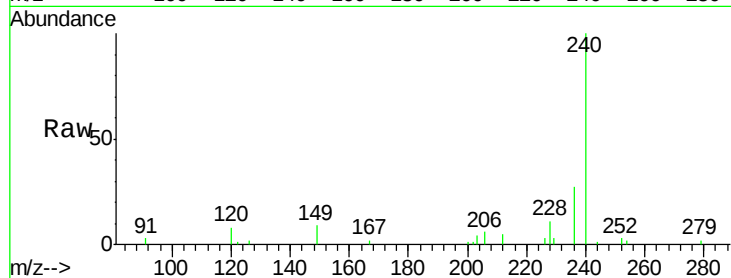




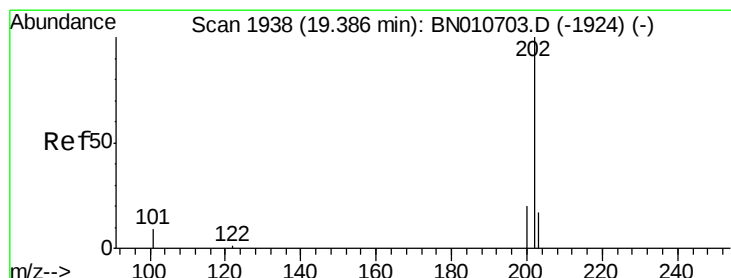
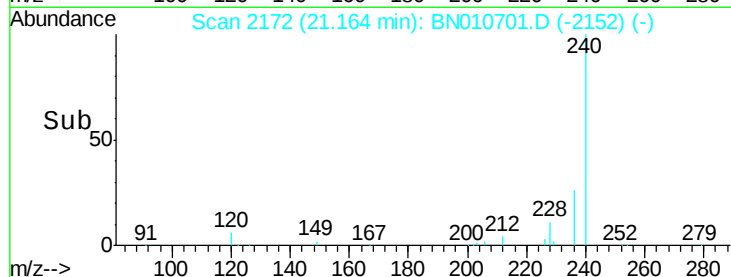
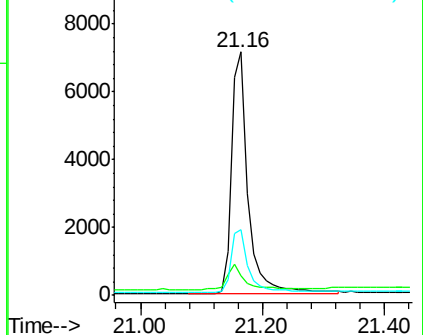
#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.16 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: BN010701.D
 Acq: 13 May 2020 10:10

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tgt Ion:240 Resp: 13465
 Ion Ratio Lower Upper
 240 100
 120 8.3 9.5 14.3#
 236 27.0 22.5 33.7

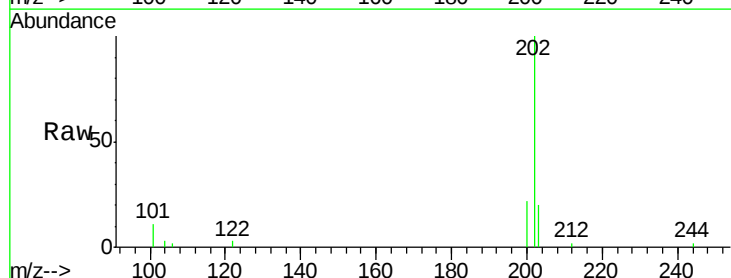


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

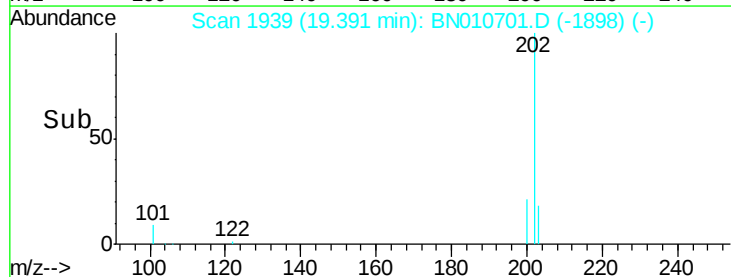
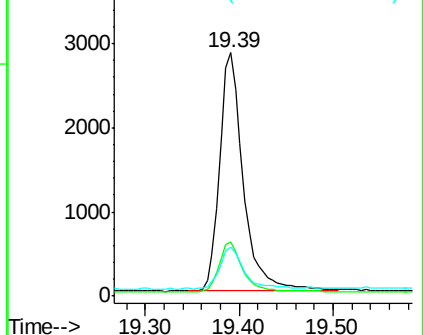


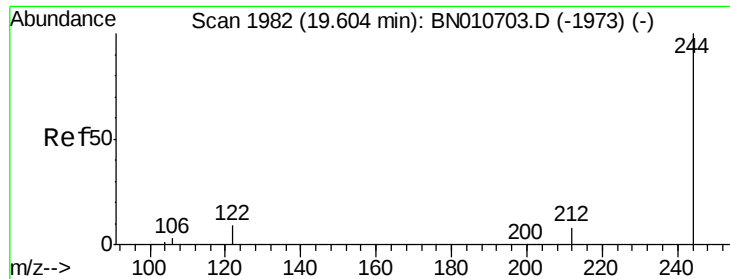
#28
 Pyrene
 Concen: 0.11 ng
 RT: 19.39 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BN010701.D
 Acq: 13 May 2020 10:10

Tgt Ion:202 Resp: 4972
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.2 24.4
 203 17.3 14.1 21.1



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: 0.10 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

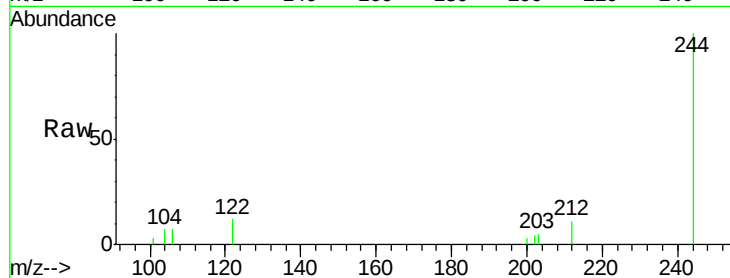
Tgt Ion:244 Resp: 3213

Ion Ratio Lower Upper

244 100

212 10.7 6.8 10.2#

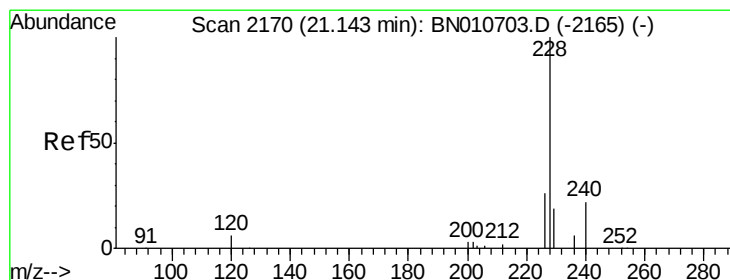
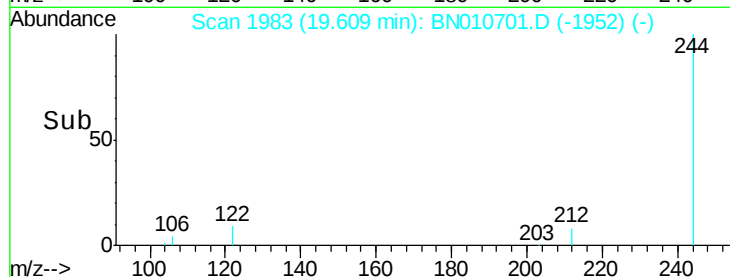
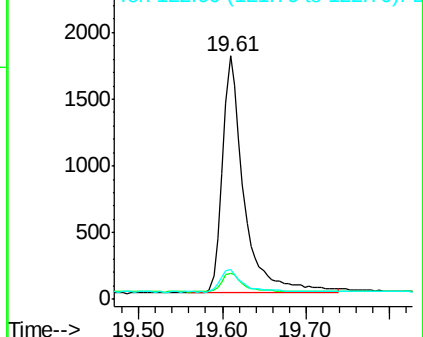
122 12.3 8.1 12.1#



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: 0.09 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

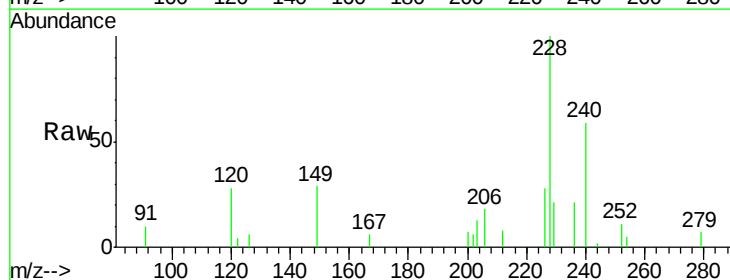
Tgt Ion:228 Resp: 3776

Ion Ratio Lower Upper

228 100

226 28.4 21.3 31.9

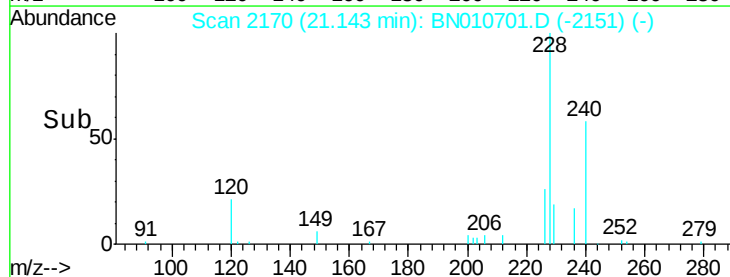
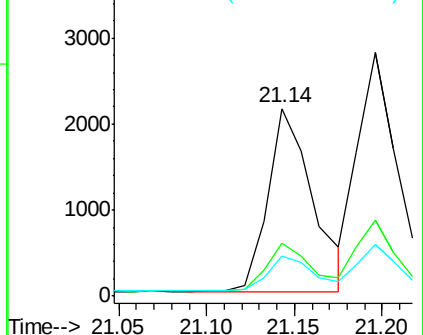
229 21.3 16.0 24.0

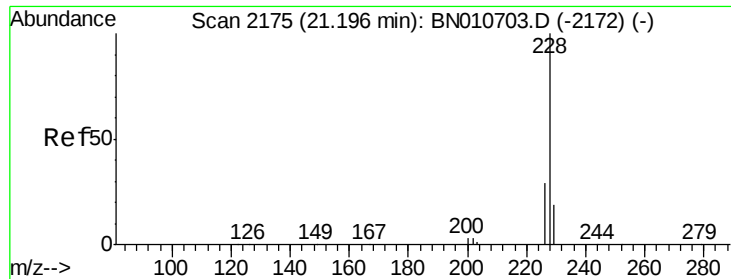


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.10 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

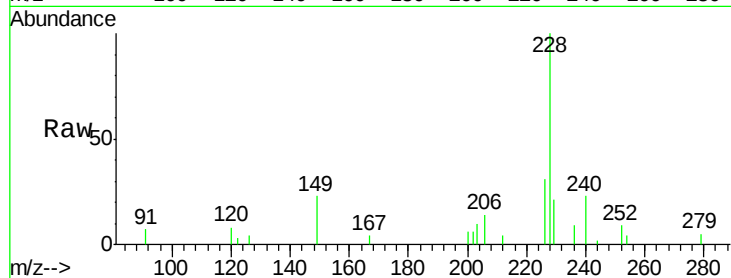
Tgt Ion:228 Resp: 4517

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

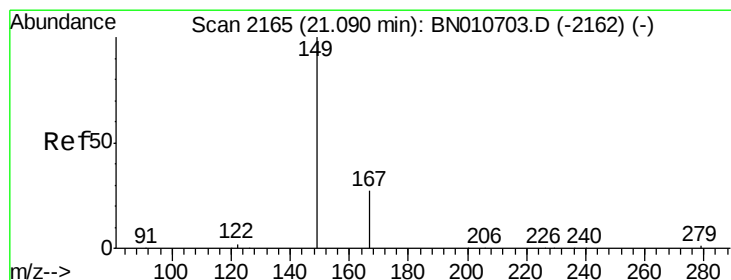
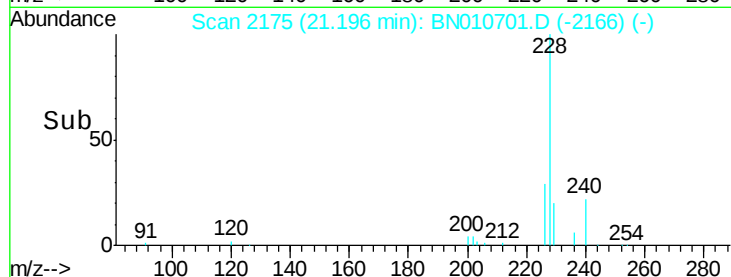
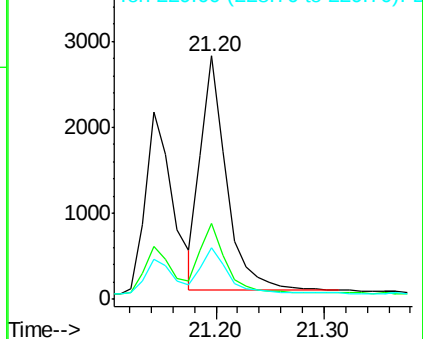
229 21.4 16.1 24.1



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: 0.08 ng

RT: 21.09 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

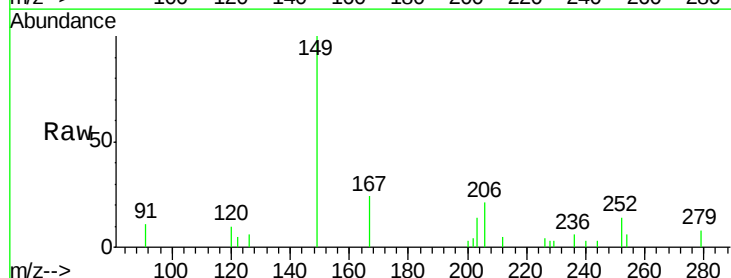
Tgt Ion:149 Resp: 1697

Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

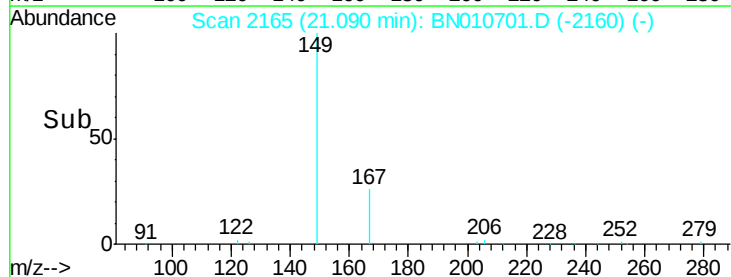
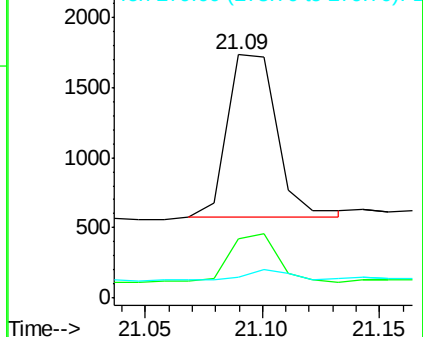
279 6.1 4.1 6.1#

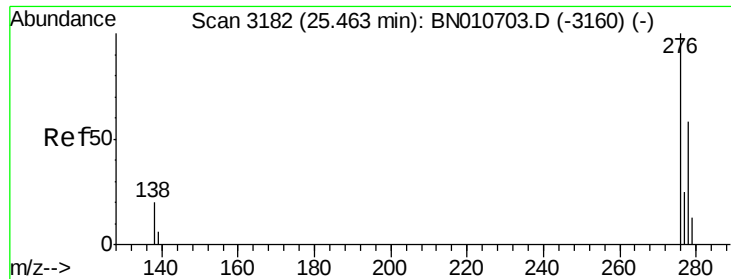


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.10 ng

RT: 25.48 min Scan# 3187

Delta R.T. 0.02 min

Lab File: BN010701.D

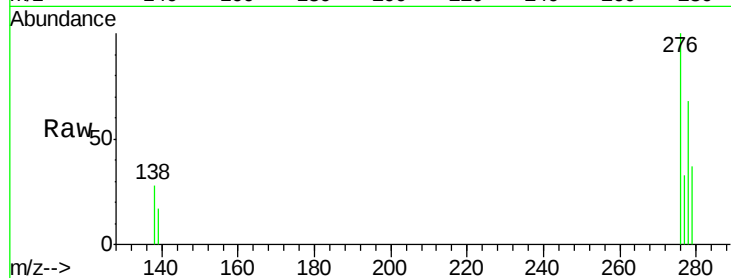
Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1



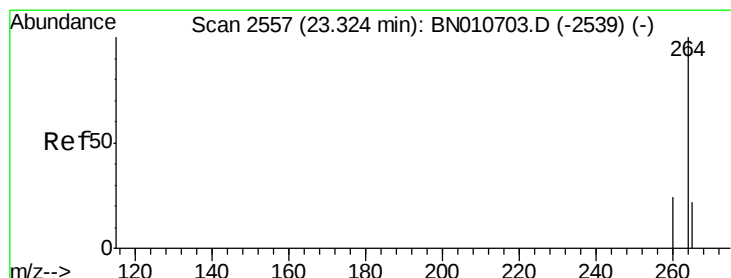
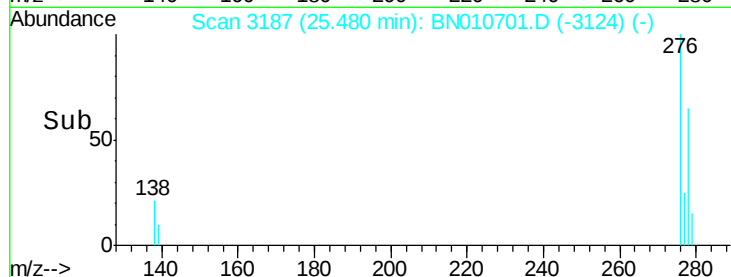
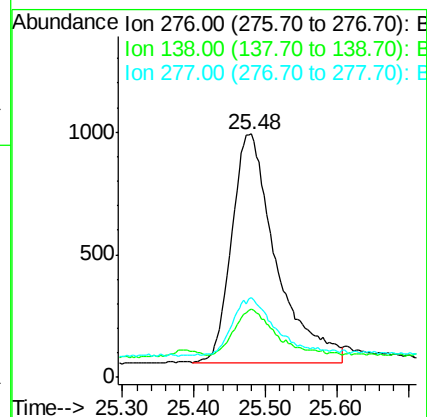
Tgt Ion:276 Resp: 4025

Ion Ratio Lower Upper

276 100

138 17.6 15.1 22.7

277 24.3 19.4 29.0



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.32 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

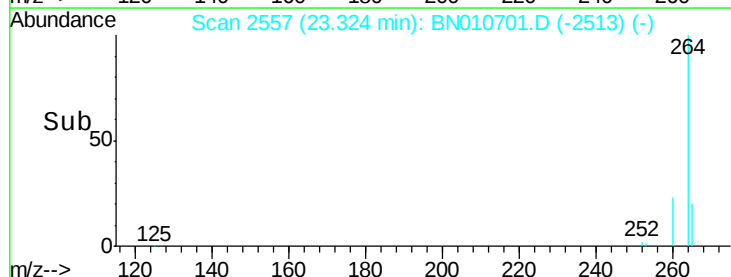
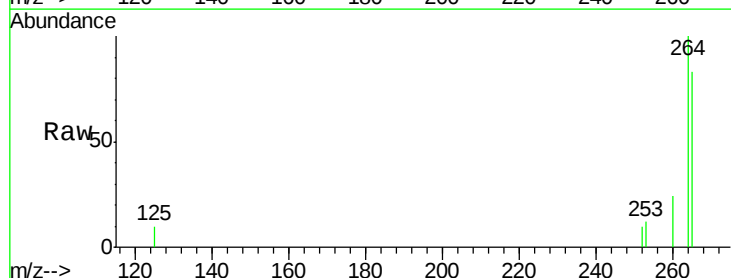
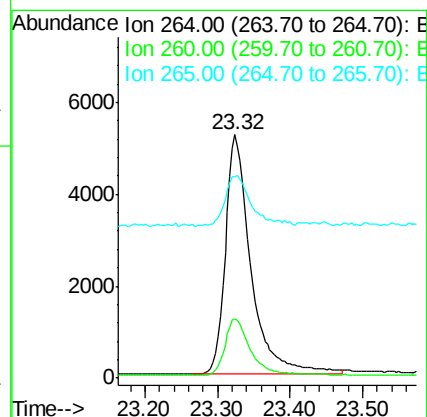
Tgt Ion:264 Resp: 12746

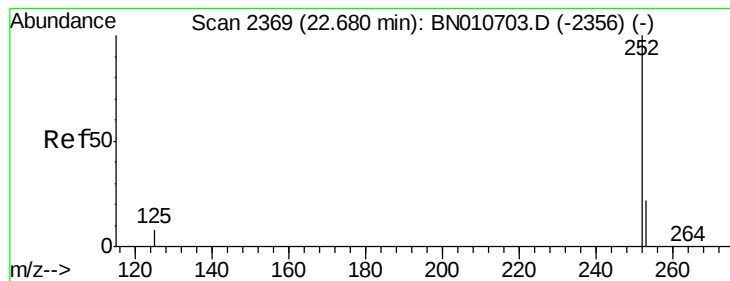
Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 82.7 70.1 105.1





#35

Benzo(b)fluoranthene

Concen: 0.10 ng

RT: 22.69 min Scan# 2371

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

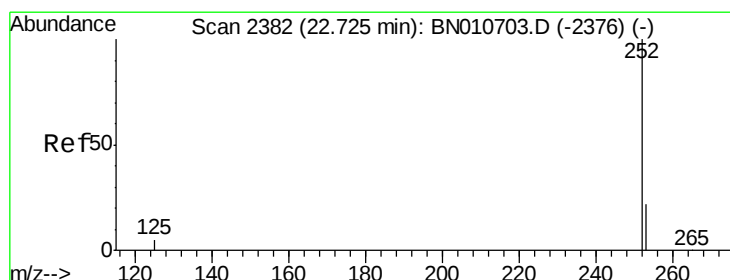
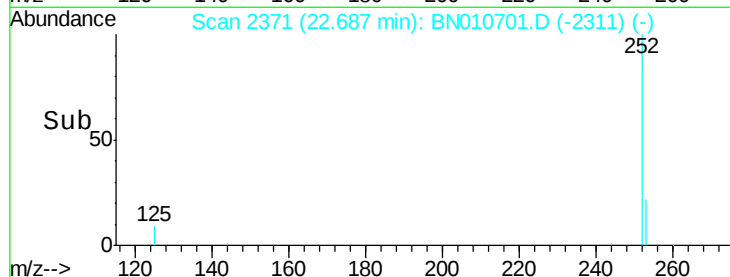
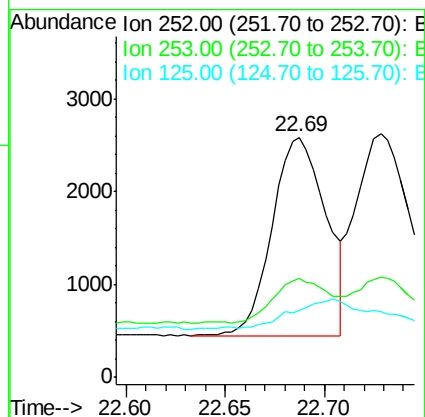
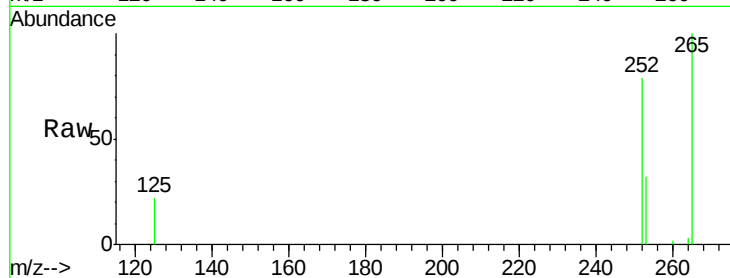
Tgt Ion:252 Resp: 4038

Ion Ratio Lower Upper

252 100

253 41.2 22.0 33.0#

125 28.0 10.8 16.2#



#36

Benzo(k)fluoranthene

Concen: 0.11 ng

RT: 22.73 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

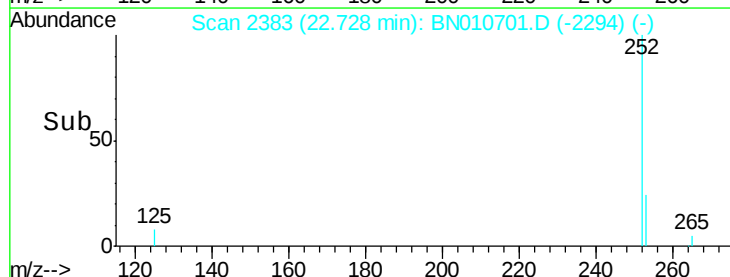
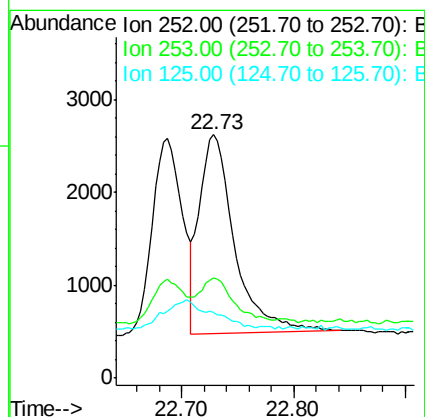
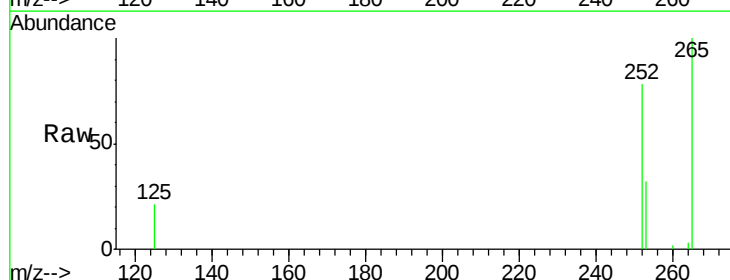
Tgt Ion:252 Resp: 4669

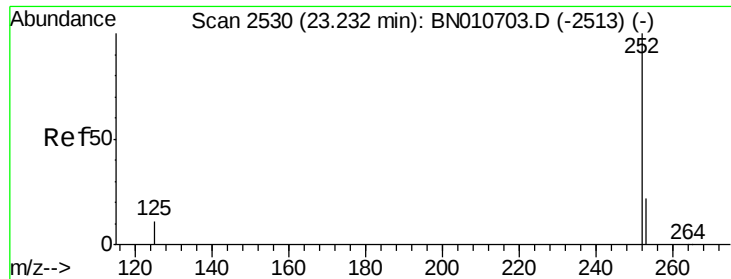
Ion Ratio Lower Upper

252 100

253 41.4 21.9 32.9#

125 27.1 11.1 16.7#





#37

Benzo(a)pyrene

Concen: 0.09 ng

RT: 23.24 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

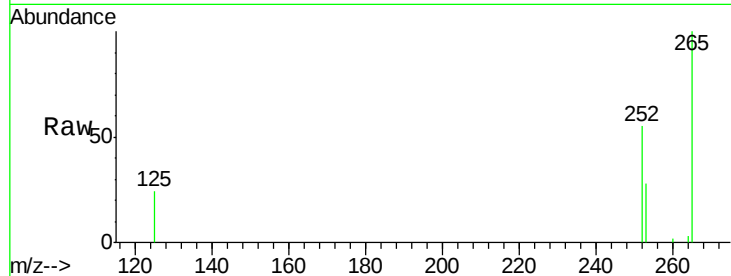
Tgt Ion:252 Resp: 3490

Ion Ratio Lower Upper

252 100

253 51.2 24.8 37.2#

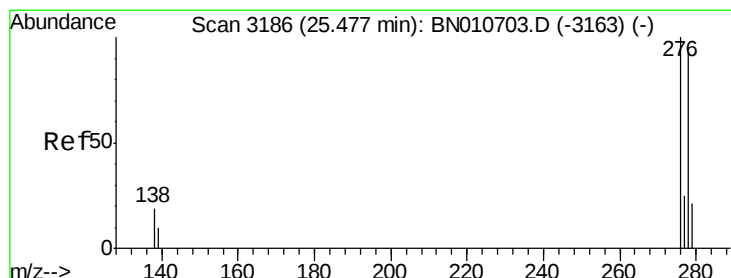
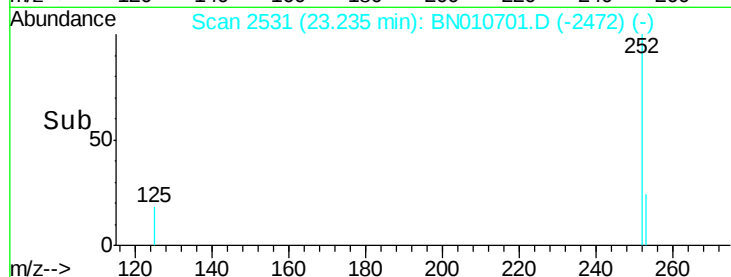
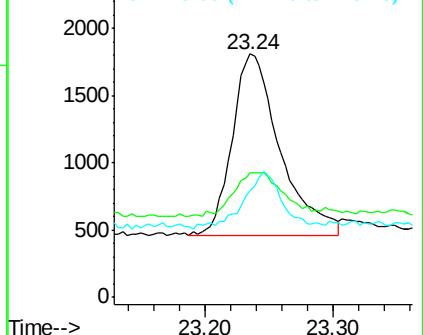
125 43.6 15.8 23.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.09 ng

RT: 25.49 min Scan# 3190

Delta R.T. 0.01 min

Lab File: BN010701.D

Acq: 13 May 2020 10:10

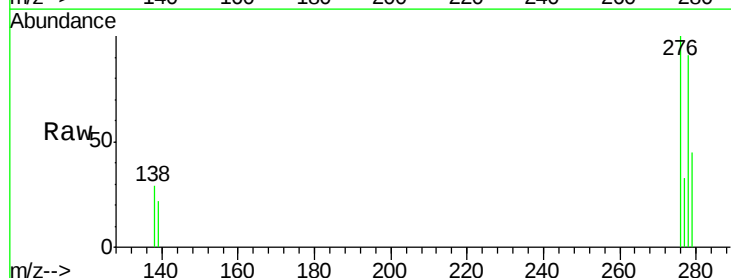
Tgt Ion:278 Resp: 3015

Ion Ratio Lower Upper

278 100

139 23.6 13.0 19.4#

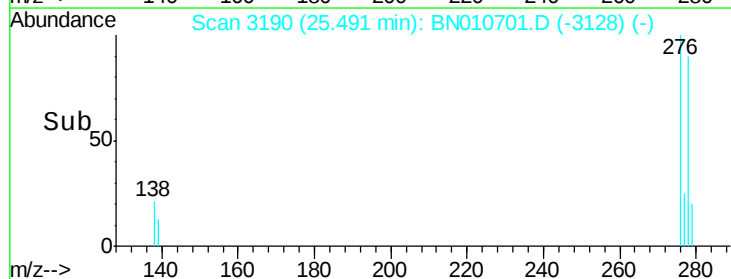
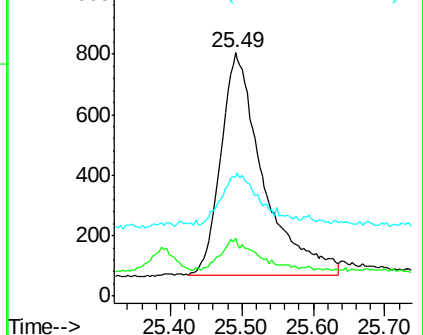
279 49.3 25.1 37.7#

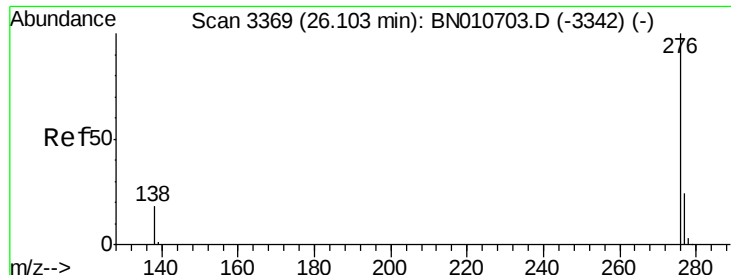


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.11 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN010701.D

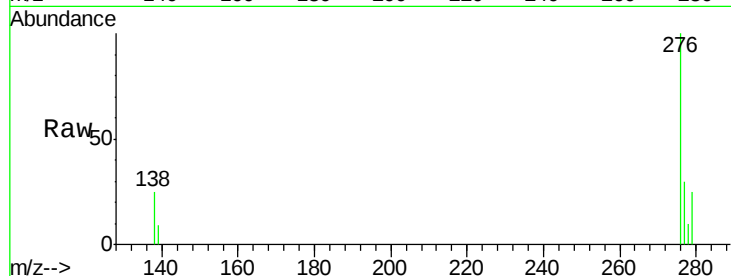
Acq: 13 May 2020 10:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1



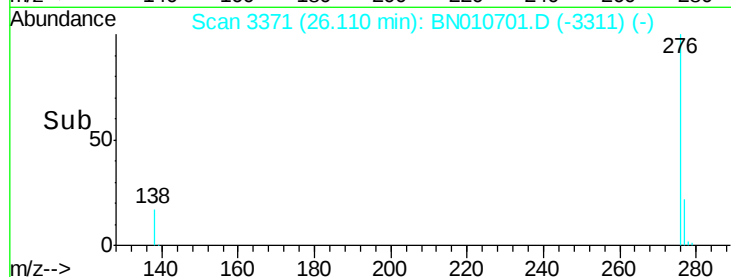
Tgt Ion: 276 Resp: 3849

Ion Ratio Lower Upper

276 100

277 30.2 20.6 30.8

138 24.9 16.0 24.0#



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

