

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
 Data File : BN010721.D
 Acq On : 14 May 2020 20:32
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 15 01:52:29 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 14:18:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3756	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	13970	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	8256	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	17447	0.40	ng	0.00
27) Chrysene-d12	21.15	240	14560	0.40	ng	0.00
34) Perylene-d12	23.32	264	14062	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3153	0.43	ng	0.00
5) Phenol-d6	6.77	99	3827	0.43	ng	0.00
8) Nitrobenzene-d5	8.71	82	3853	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	8785	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1164	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	12279	0.41	ng	0.00
25) Fluoranthene-d10	18.98	212	18357	0.39	ng	0.00
29) Terphenyl-d14	19.60	244	14038	0.41	ng	0.00

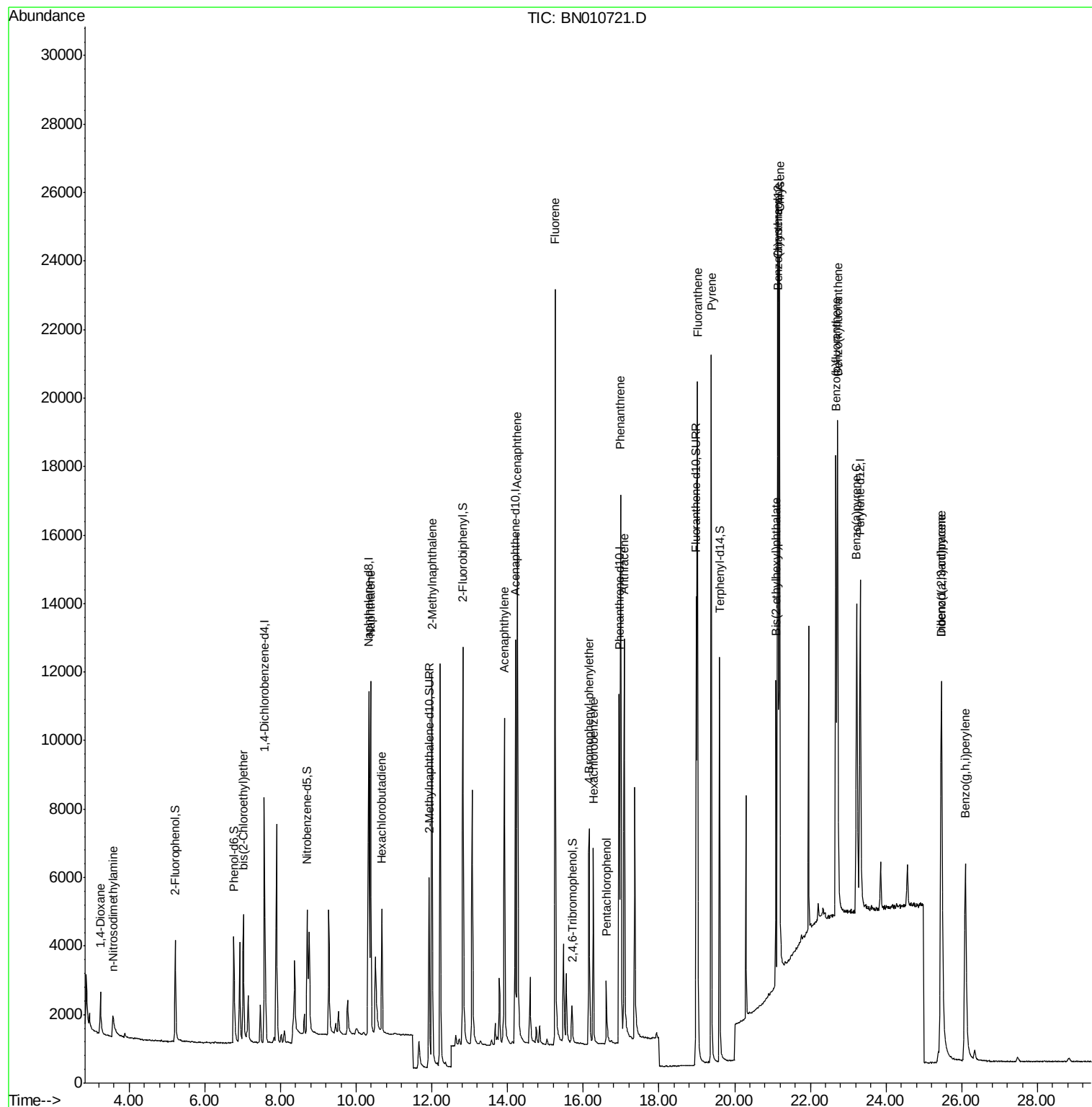
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1350	0.417	ng	98
3) n-Nitrosodimethylamine	3.56	42	706	0.379	ng	98
6) bis(2-Chloroethyl)ether	7.02	93	3586	0.387	ng	95
9) Naphthalene	10.38	128	13878	0.395	ng	99
10) Hexachlorobutadiene	10.67	225	3247	0.404	ng	# 98
12) 2-Methylnaphthalene	12.00	142	9641	0.389	ng	98
16) Acenaphthylene	13.91	152	12745	0.378	ng	100
17) Acenaphthene	14.26	154	9133	0.401	ng	99
18) Fluorene	15.26	166	11766	0.394	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	3742	0.388	ng	# 88
21) Hexachlorobenzene	16.26	284	4527	0.395	ng	99
22) Pentachlorophenol	16.61	266	1288	0.363	ng	98
23) Phenanthrene	16.99	178	18263	0.390	ng	99
24) Anthracene	17.08	178	14853	0.378	ng	100
26) Fluoranthene	19.02	202	20561	0.387	ng	99
28) Pyrene	19.38	202	20513	0.393	ng	100
30) Benzo(a)anthracene	21.14	228	16496	0.388	ng	99
31) Chrysene	21.18	228	19289	0.401	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	7347	0.395	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	17674	0.413	ng	99
35) Benzo(b)fluoranthene	22.68	252	17860	0.384	ng	97
36) Benzo(k)fluoranthene	22.72	252	20362	0.407	ng	98
37) Benzo(a)pyrene	23.22	252	15777	0.392	ng	96
38) Dibenzo(a,h)anthracene	25.47	278	13735	0.400	ng	96
39) Benzo(g,h,i)perylene	26.09	276	15213	0.377	ng	99

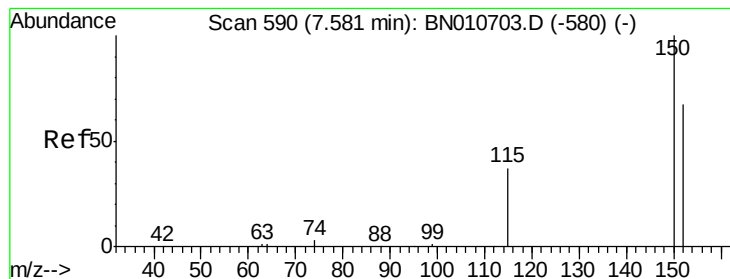
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 589

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

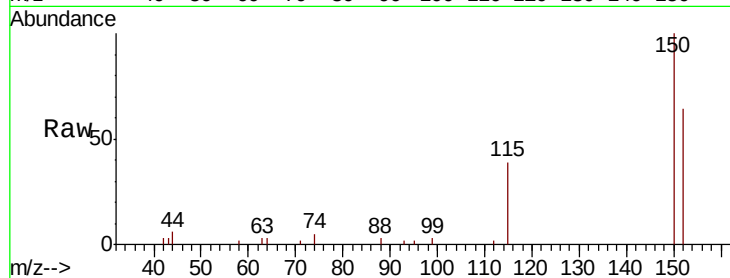
Tot Ion:152 Resp: 3756

Ion Ratio Lower Upper

152 100

150 156.7 119.4 179.0

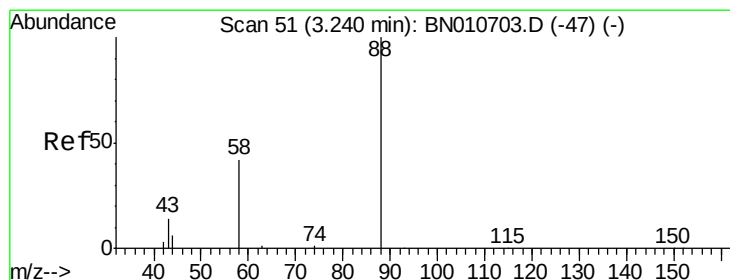
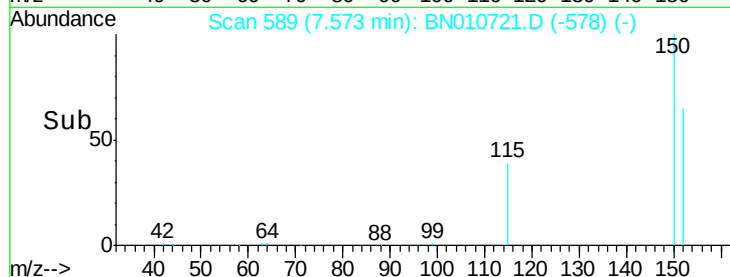
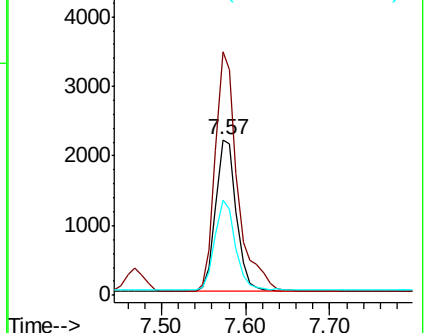
115 61.4 45.9 68.9



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: 0.417 ng

RT: 3.24 min Scan# 51

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

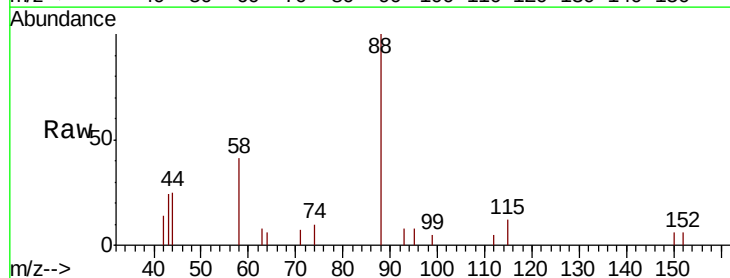
Tgt Ion: 88 Resp: 1350

Ion Ratio Lower Upper

88 100

58 50.3 39.0 58.6

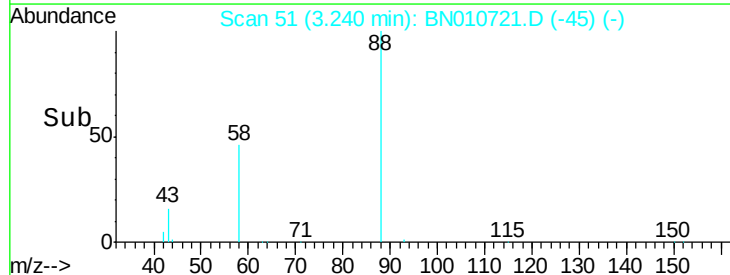
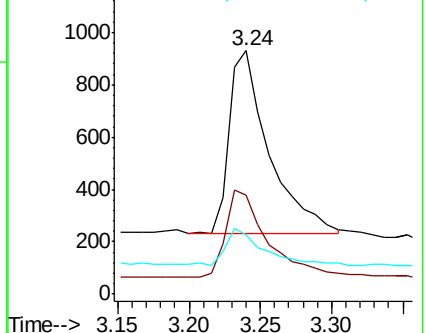
43 16.8 13.1 19.7

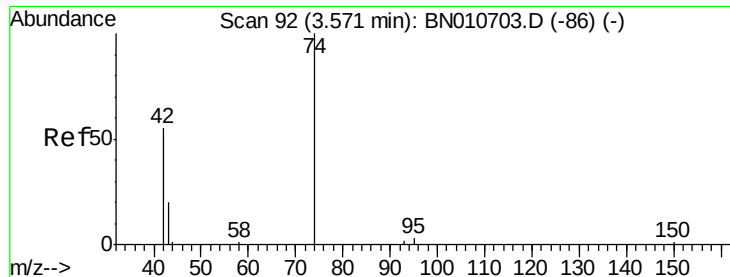


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.379 ng

RT: 3.56 min Scan# 91

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

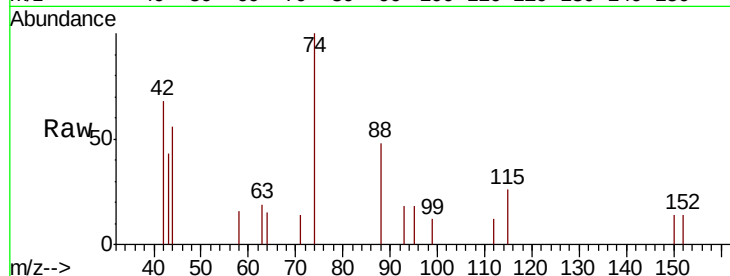
Tot Ion: 42 Resp: 706

Ion Ratio Lower Upper

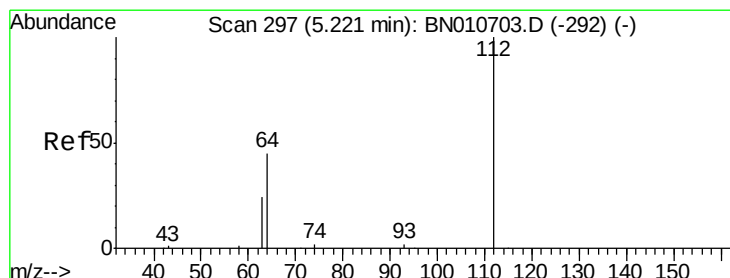
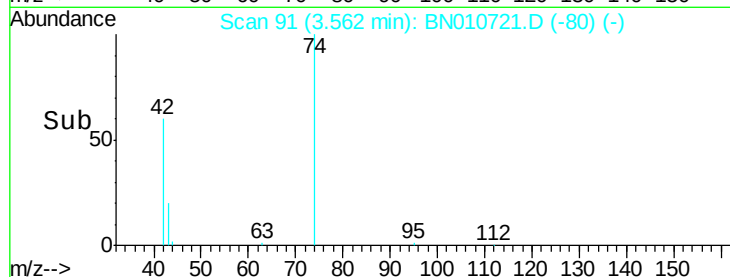
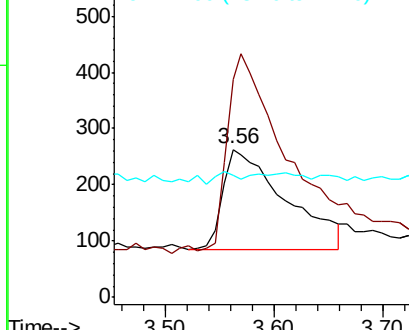
42 100

74 185.0 146.2 219.2

44 4.1 3.0 4.4



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: 0.429 ng

RT: 5.22 min Scan# 297

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

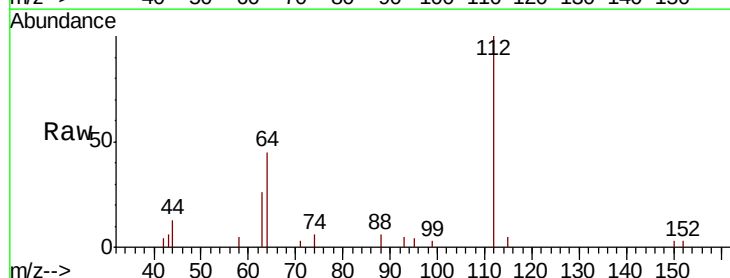
Tgt Ion: 112 Resp: 3153

Ion Ratio Lower Upper

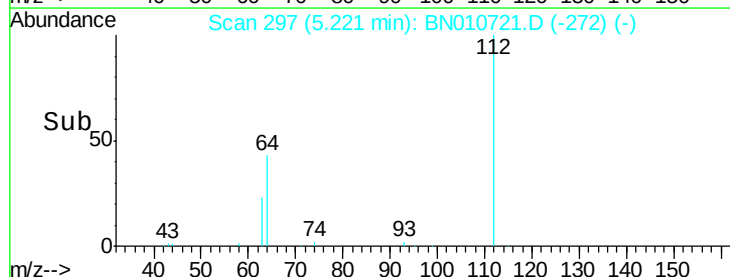
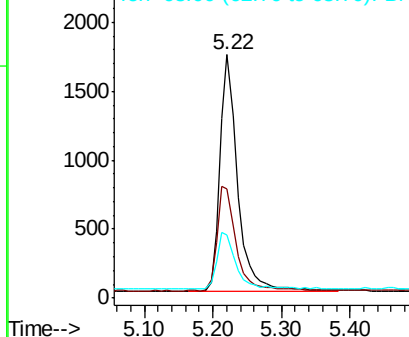
112 100

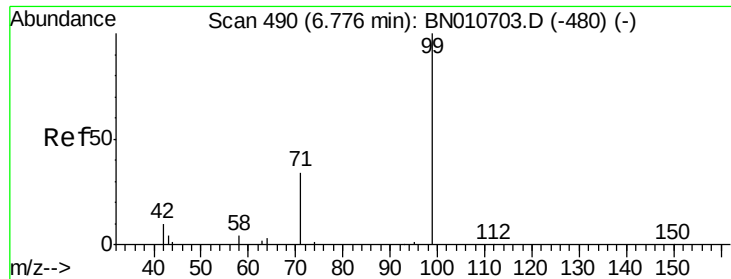
64 47.8 36.2 54.4

63 26.1 19.8 29.8



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: 0.426 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampled :

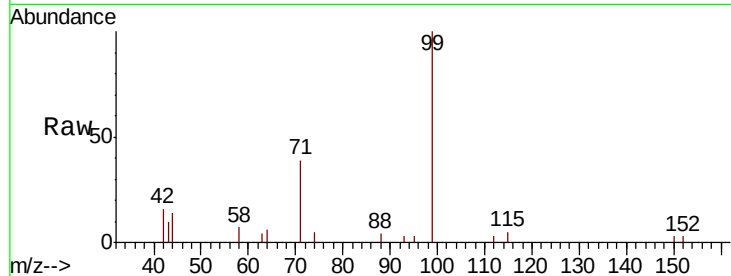
Tot Ion: 99 Resp: 3827

Ion Ratio Lower Upper

99 100

42 12.4 9.8 14.8

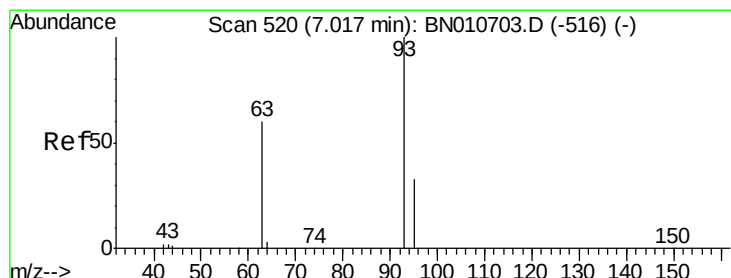
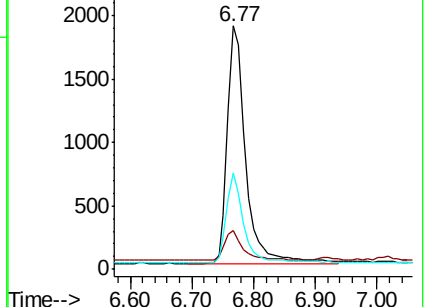
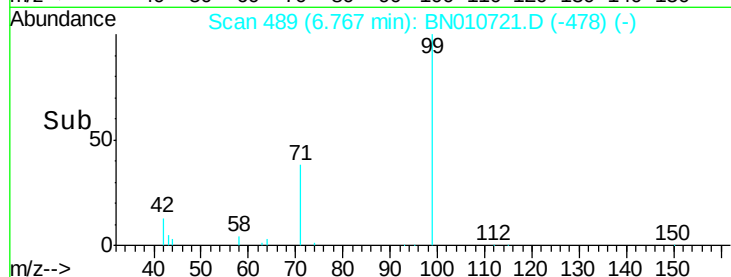
71 36.0 28.6 42.8



Abundance Ion 99.00 (98.70 to 99.70): BN010721.D (-478) (-)

Ion 42.00 (41.70 to 42.70): BN010721.D (-478) (-)

Ion 71.00 (70.70 to 71.70): BN010721.D (-478) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.387 ng

RT: 7.02 min Scan# 520

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

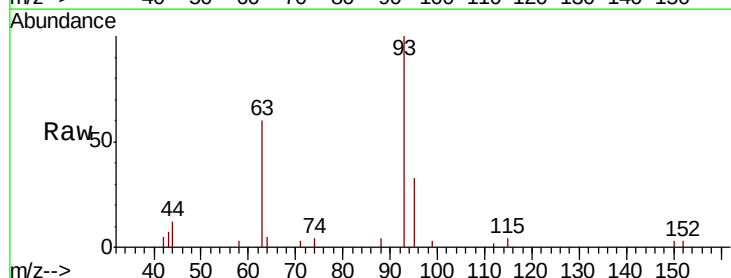
Tgt Ion: 93 Resp: 3586

Ion Ratio Lower Upper

93 100

63 58.4 43.1 64.7

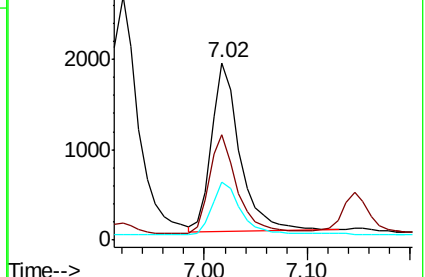
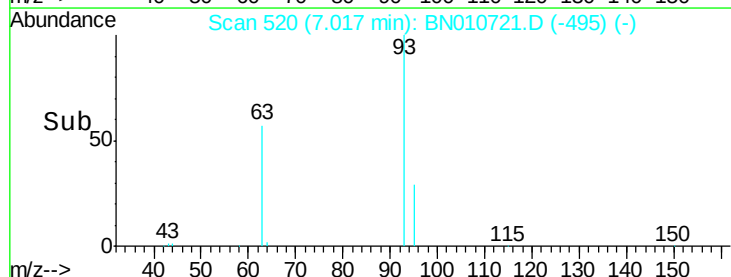
95 32.5 24.6 37.0

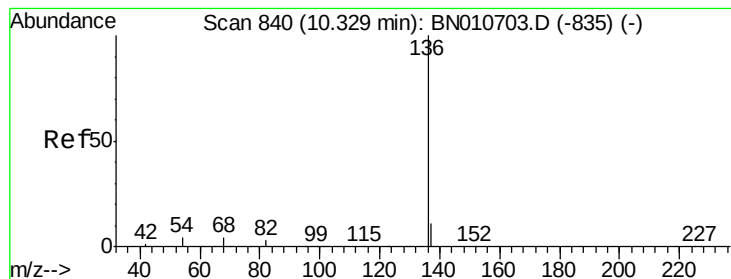


Abundance Ion 93.00 (92.70 to 93.70): BN010721.D (-495) (-)

Ion 63.00 (62.70 to 63.70): BN010721.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BN010721.D (-495) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13970

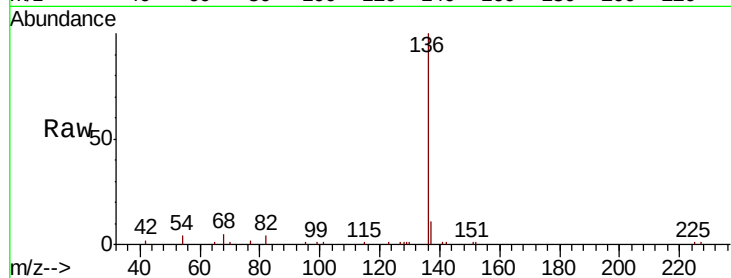
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 4.0 3.6 5.4

68 4.7 4.1 6.1

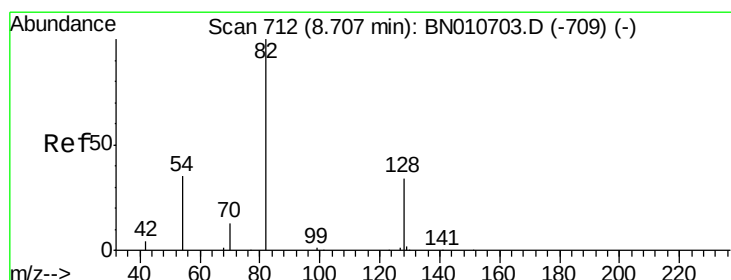
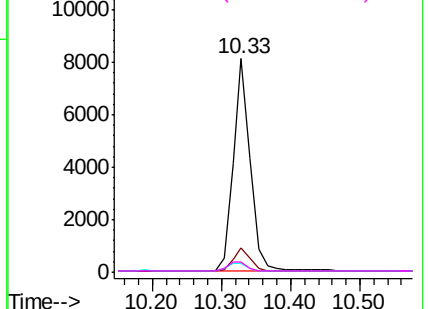
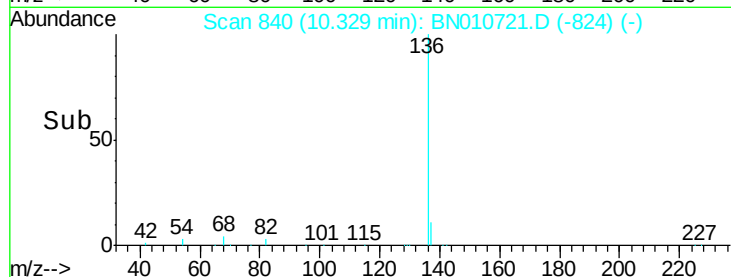


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.397 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

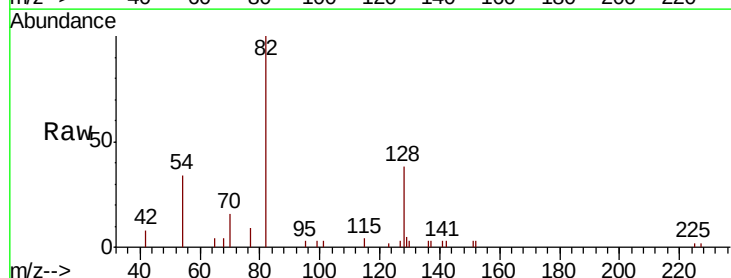
Tgt Ion: 82 Resp: 3853

Ion Ratio Lower Upper

82 100

128 38.2 29.0 43.4

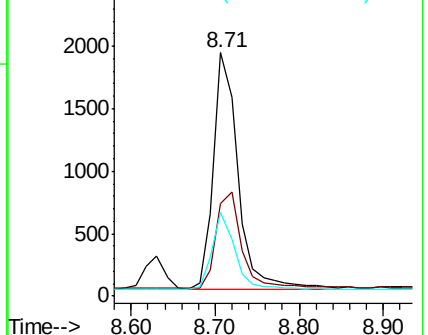
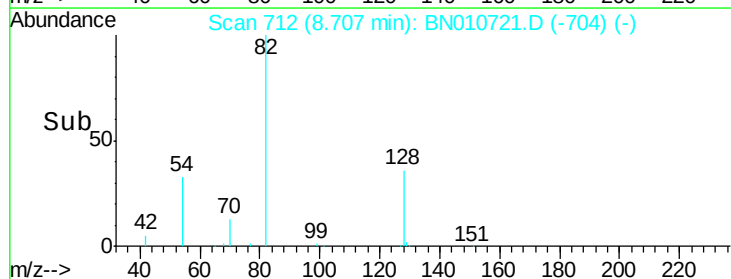
54 34.2 29.3 43.9

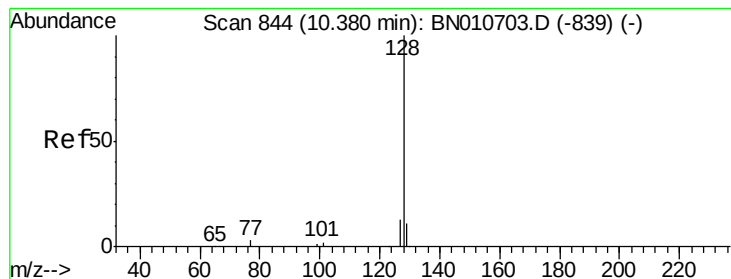


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.395 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

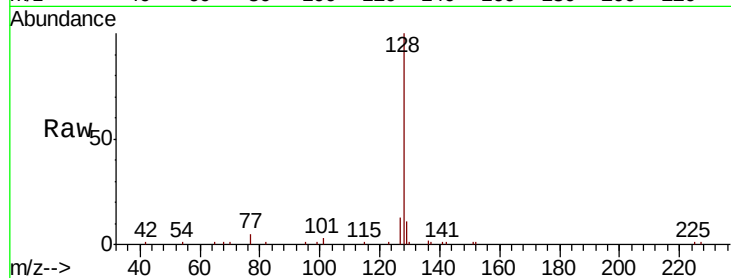
Tot Ion:128 Resp: 13878

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

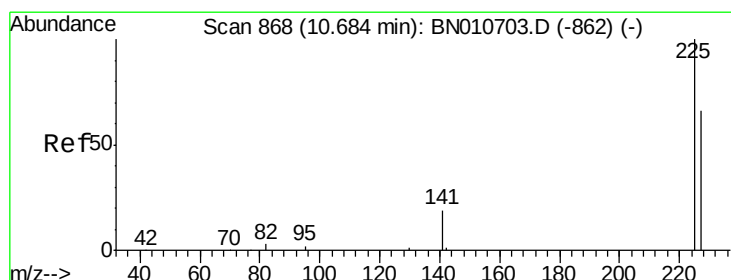
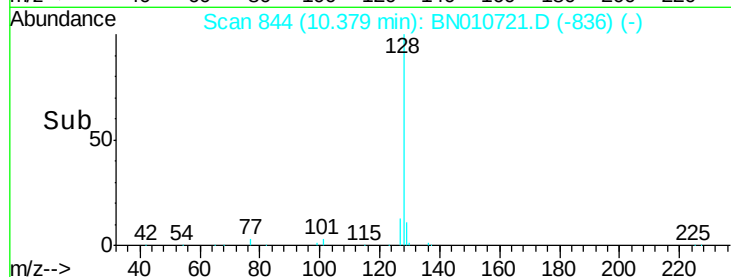
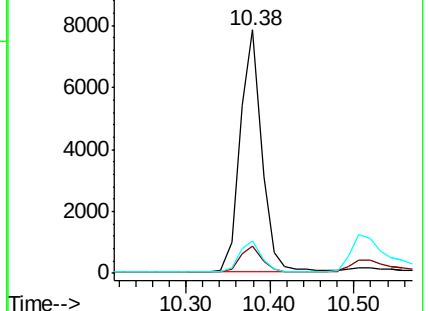
127 13.4 11.0 16.6



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: 0.404 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

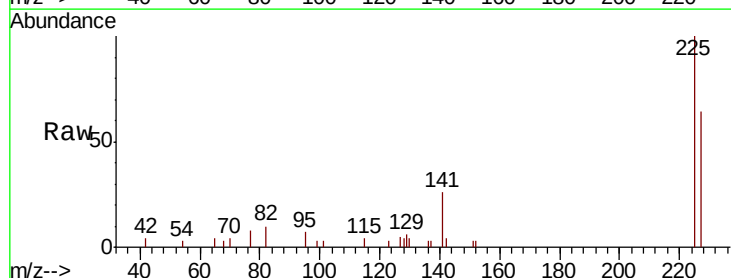
Tgt Ion:225 Resp: 3247

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

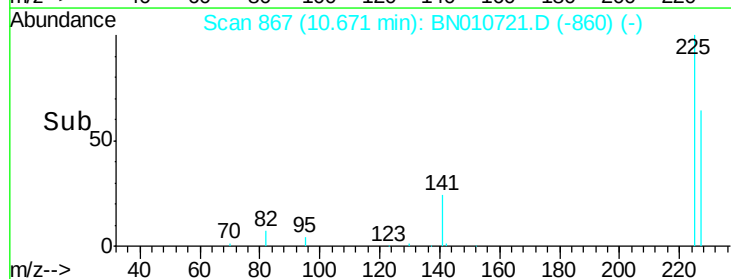
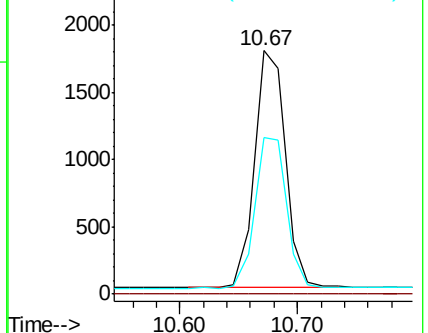
227 64.9 50.7 76.1

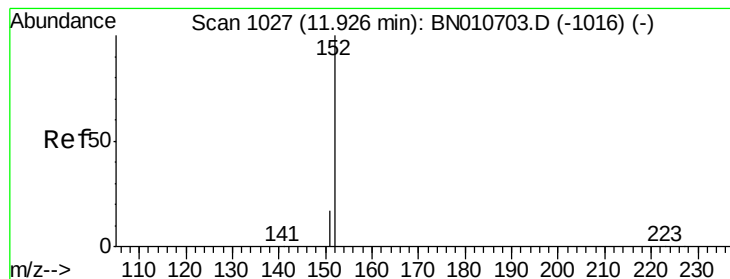


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 11.93 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

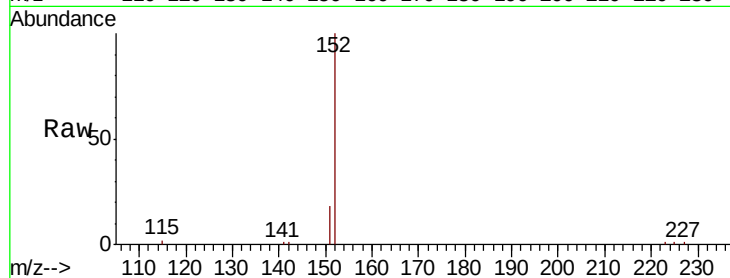
ClientSampleId :

Tot Ion:152 Resp: 8785

Ion Ratio Lower Upper

152 100

151 19.1 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.93

5000

4000

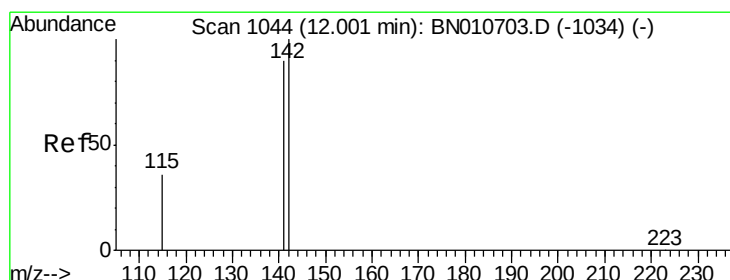
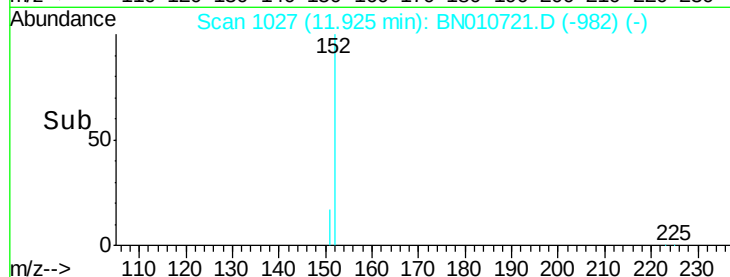
3000

2000

1000

0

Time--> 11.80 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.389 ng

RT: 12.00 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

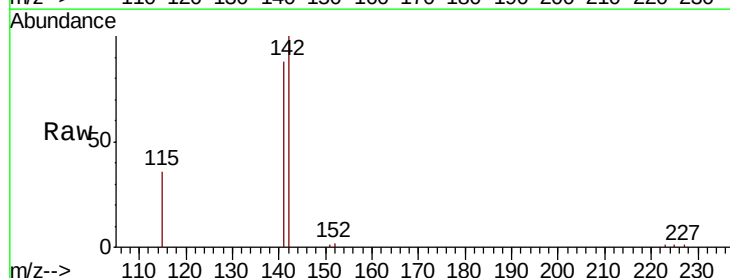
Tgt Ion:142 Resp: 9641

Ion Ratio Lower Upper

142 100

141 88.0 71.7 107.5

115 36.4 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

12.00

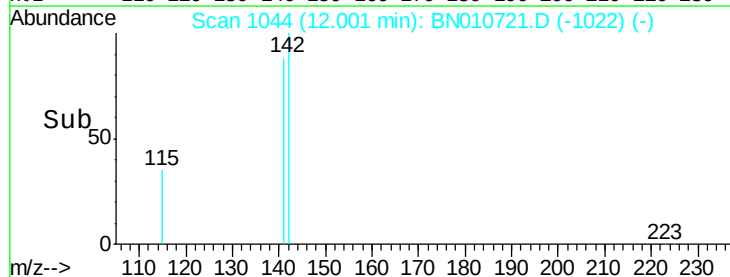
6000

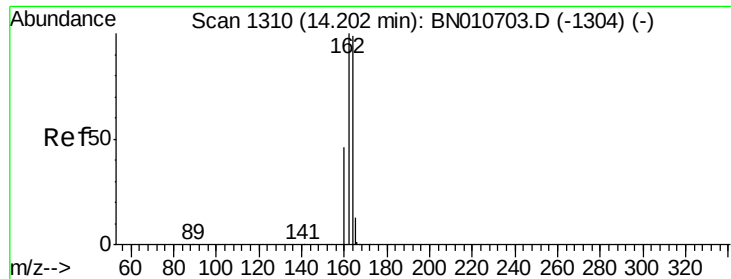
4000

2000

0

Time--> 11.90 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

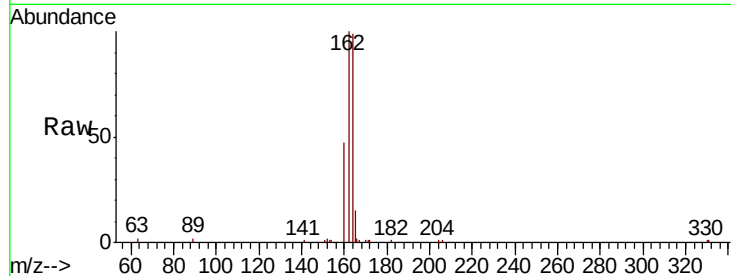
Tot Ion:164 Resp: 8256

Ion Ratio Lower Upper

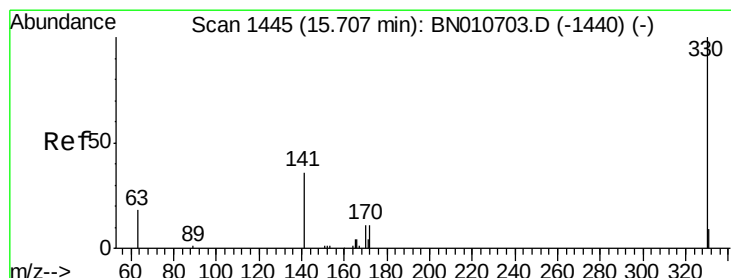
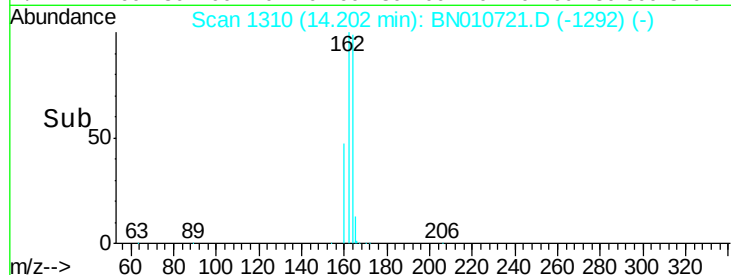
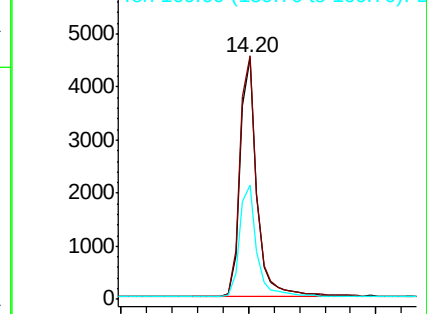
164 100

162 101.0 81.1 121.7

160 47.5 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: 0.389 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

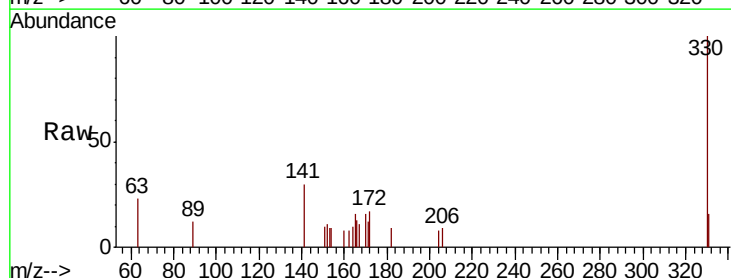
Tgt Ion:330 Resp: 1164

Ion Ratio Lower Upper

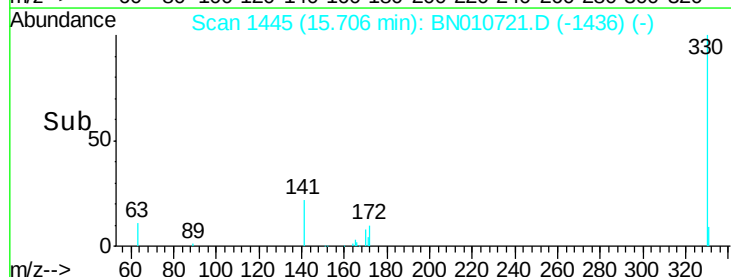
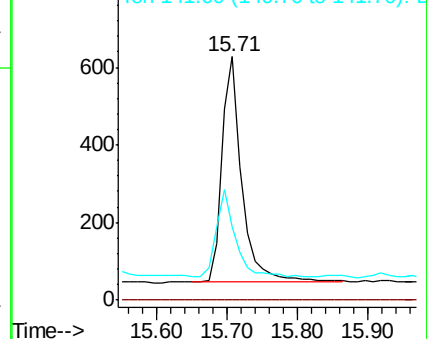
330 100

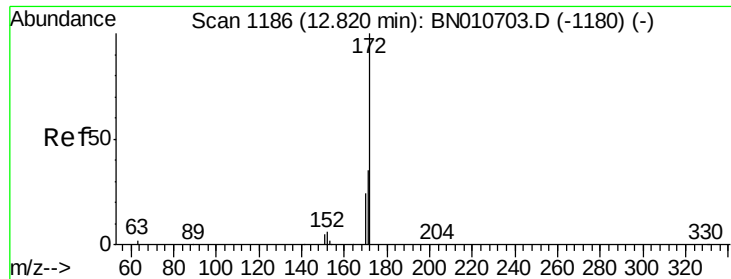
332 0.0 0.0 0.0

141 36.4 28.8 43.2



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

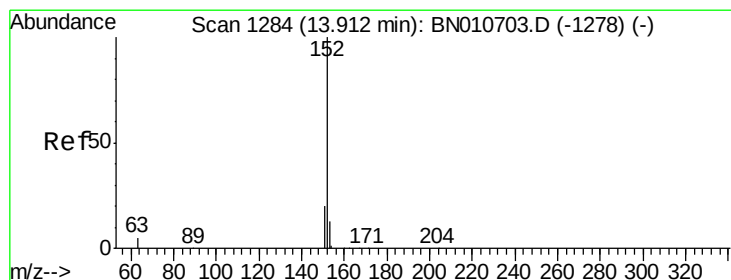
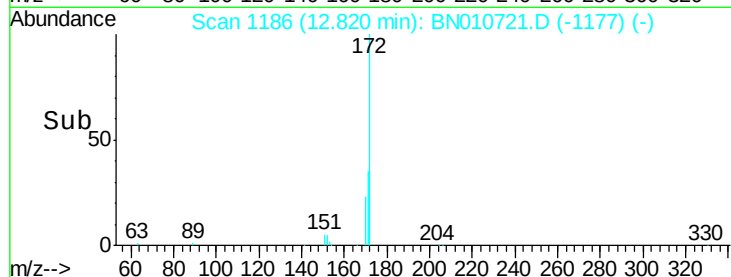
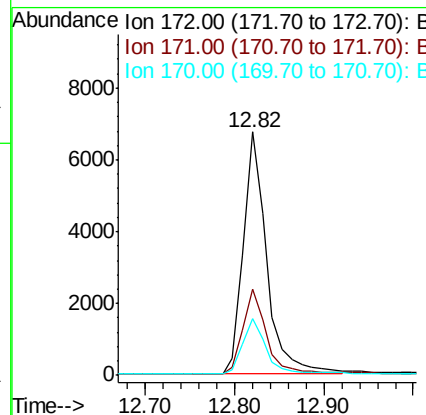
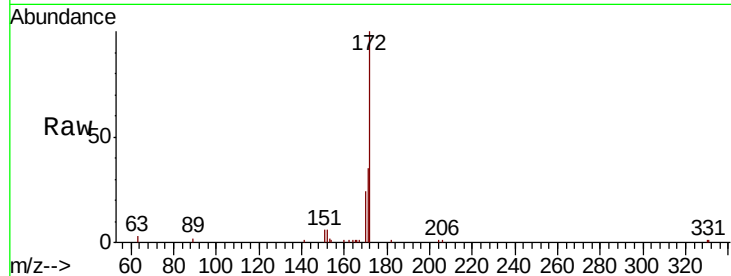




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BN010721.D
Acq: 14 May 2020 20:32

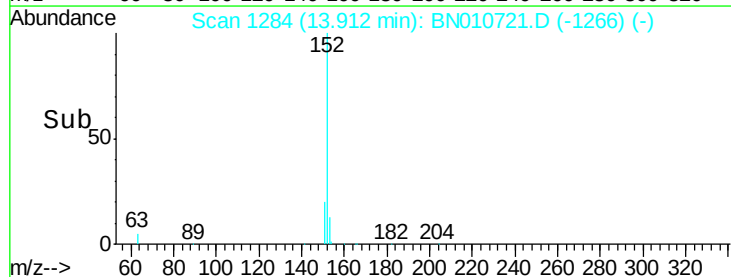
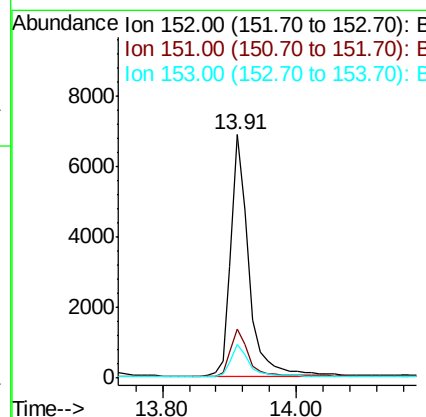
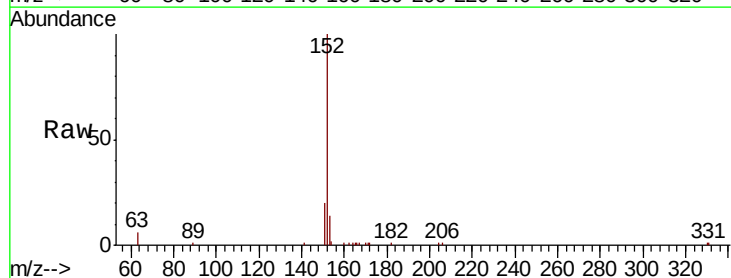
Instrument :
BNA_N
ClientSampleId :

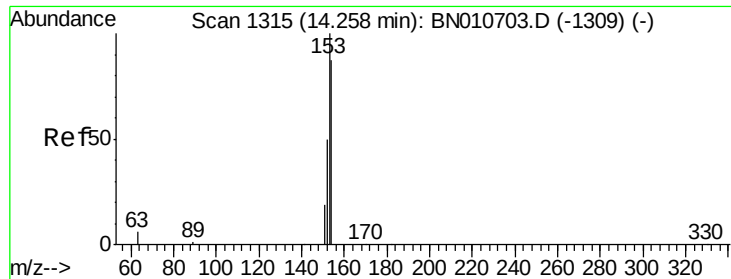
Tot Ion:172 Resp: 12279
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.5 19.8 29.8



#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.91 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN010721.D
Acq: 14 May 2020 20:32

Tgt Ion:152 Resp: 12745
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.401 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

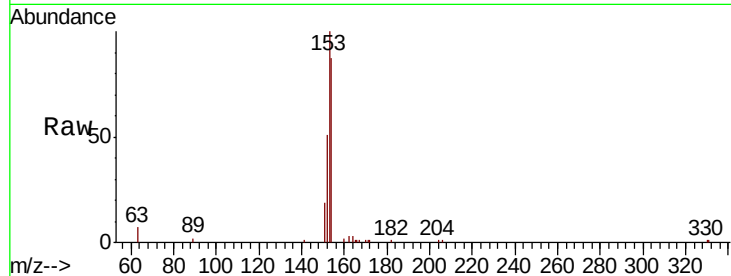
Tot Ion:154 Resp: 9133

Ion Ratio Lower Upper

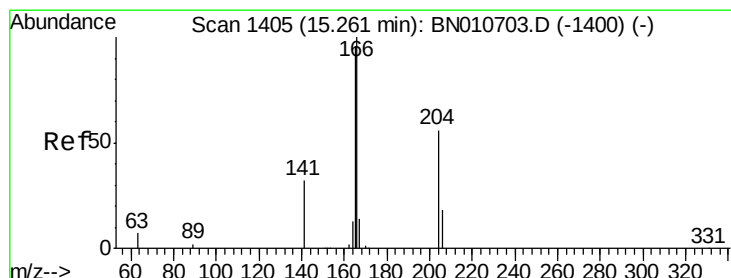
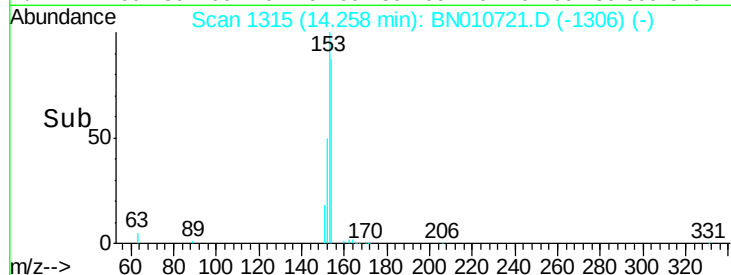
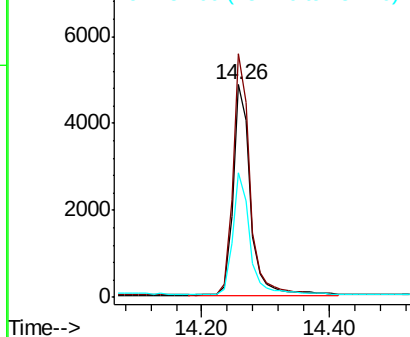
154 100

153 112.6 91.5 137.3

152 56.4 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: 0.394 ng

RT: 15.26 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

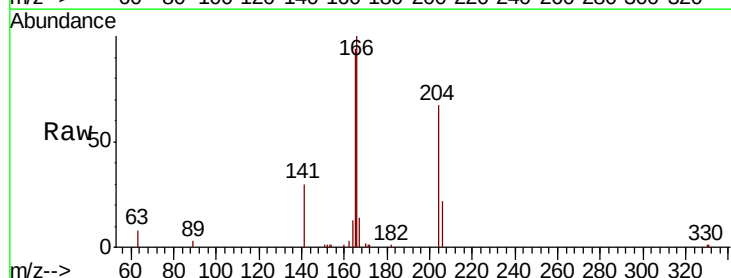
Tgt Ion:166 Resp: 11766

Ion Ratio Lower Upper

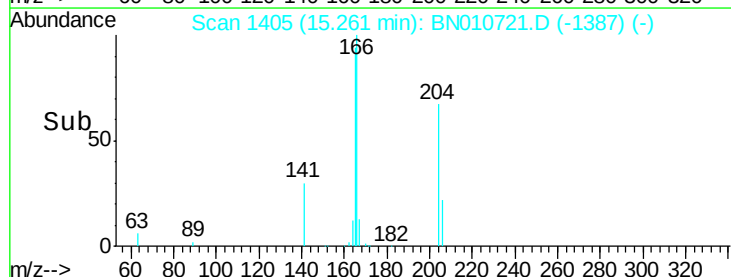
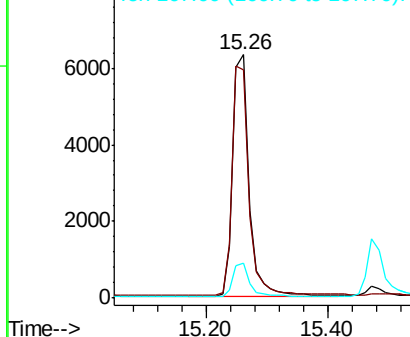
166 100

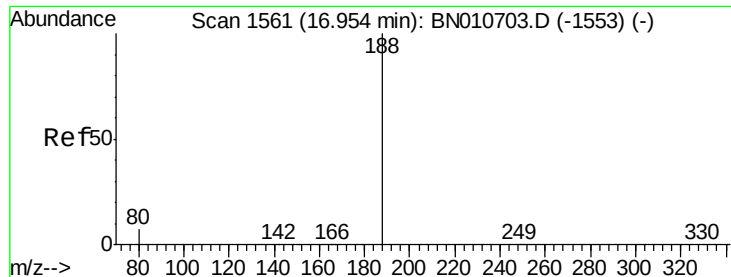
165 97.1 77.9 116.9

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

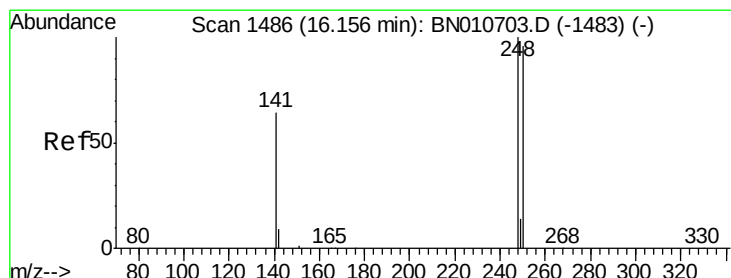
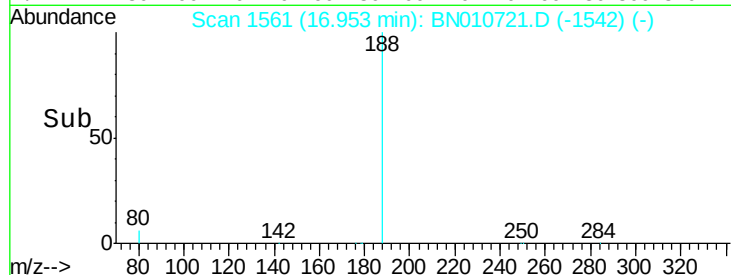
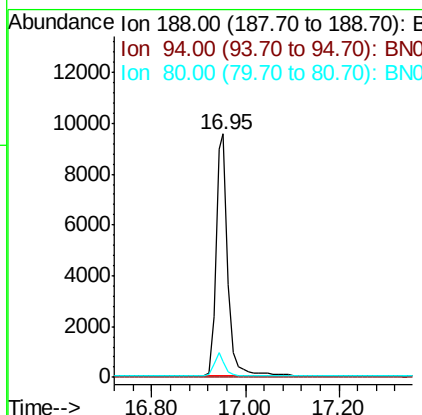
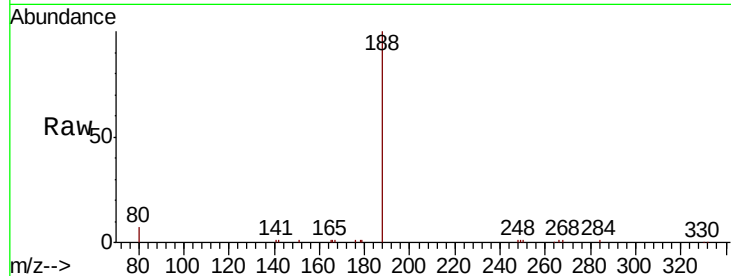




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN010721.D
Acq: 14 May 2020 20:32

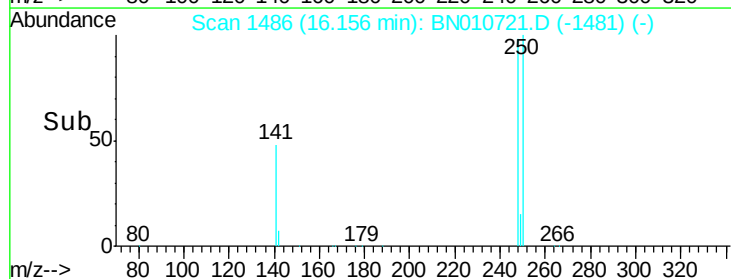
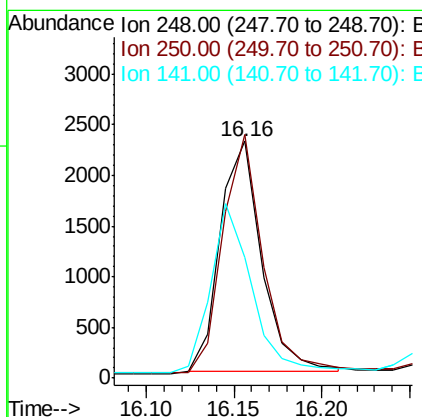
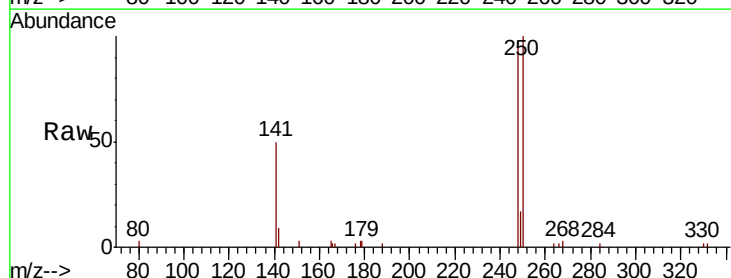
Instrument :
BNA_N
ClientSampleId :

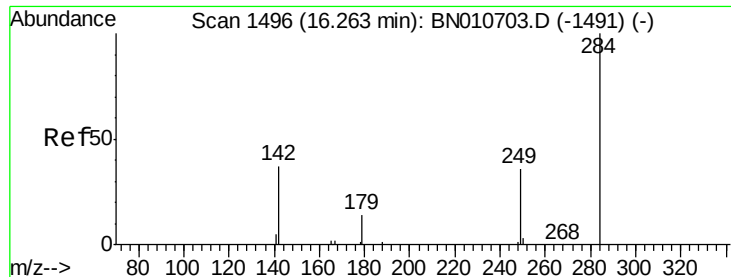
Tot Ion:188 Resp: 17447
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 6.3 9.5



#20
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.16 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN010721.D
Acq: 14 May 2020 20:32

Tgt Ion:248 Resp: 3742
Ion Ratio Lower Upper
248 100
250 102.7 77.4 116.0
141 50.9 53.1 79.7#





#21

Hexachlorobenzene

Concen: 0.395 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

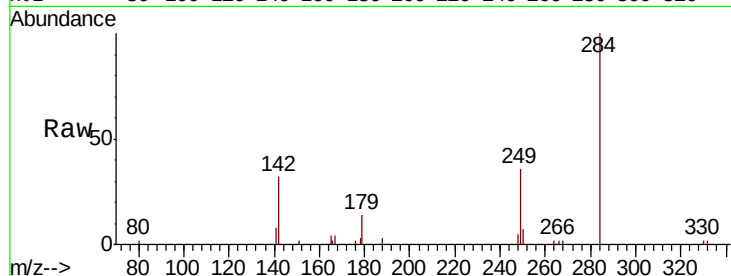
Tot Ion:284 Resp: 4527

Ion Ratio Lower Upper

284 100

142 35.0 28.2 42.2

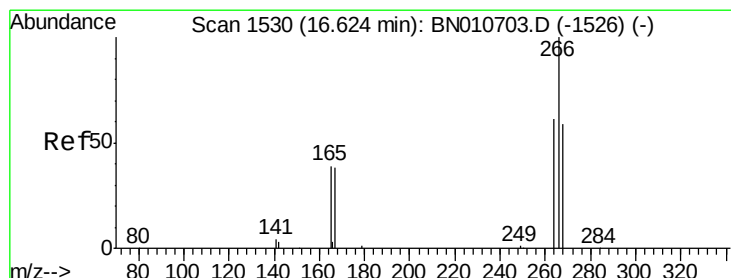
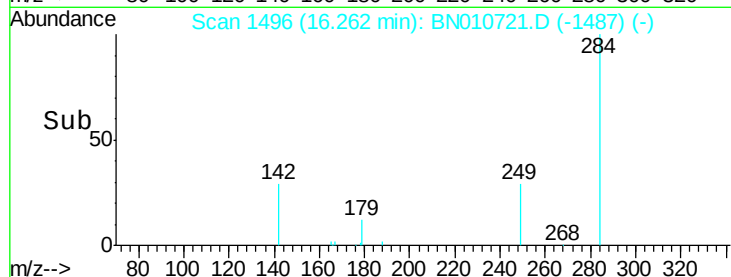
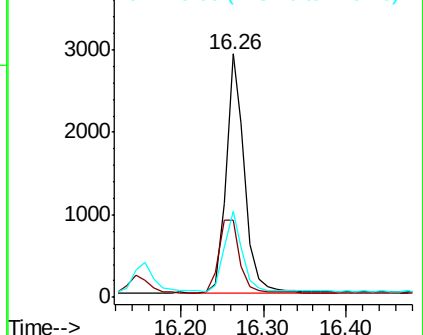
249 33.5 26.4 39.6



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



#22

Pentachlorophenol

Concen: 0.363 ng

RT: 16.61 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

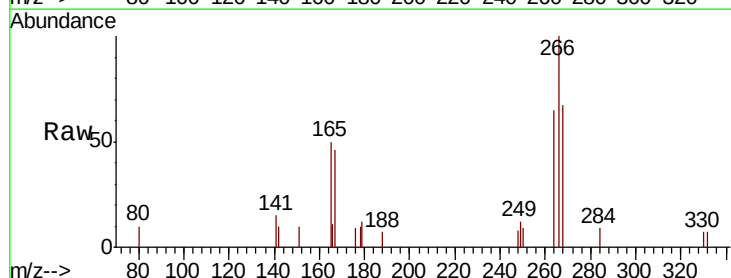
Tgt Ion:266 Resp: 1288

Ion Ratio Lower Upper

266 100

264 65.1 51.1 76.7

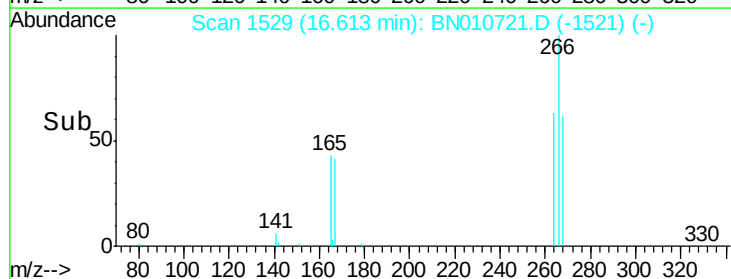
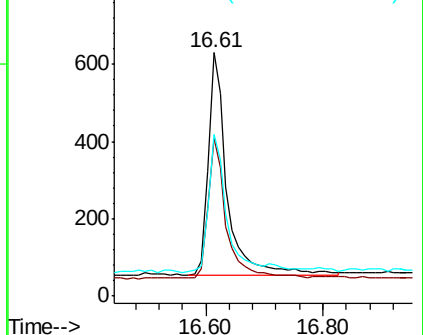
268 66.7 52.1 78.1

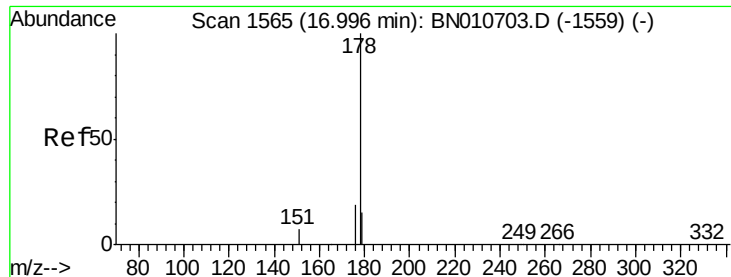


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.390 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

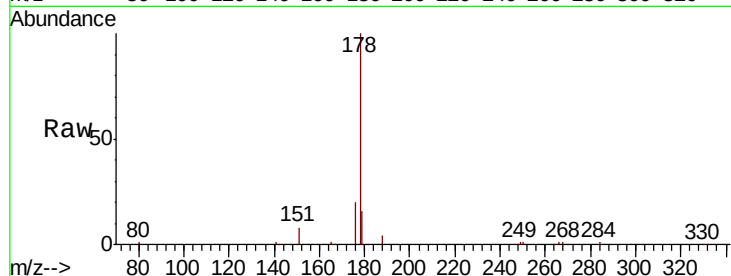
Tot Ion:178 Resp: 18263

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.6 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

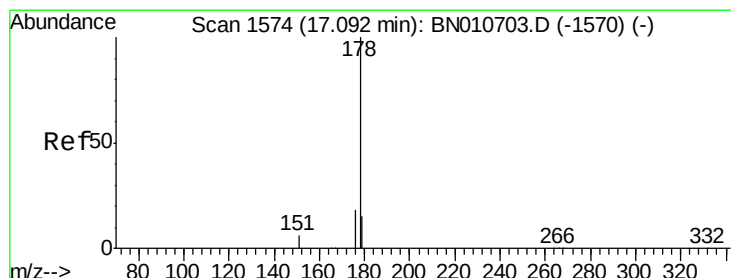
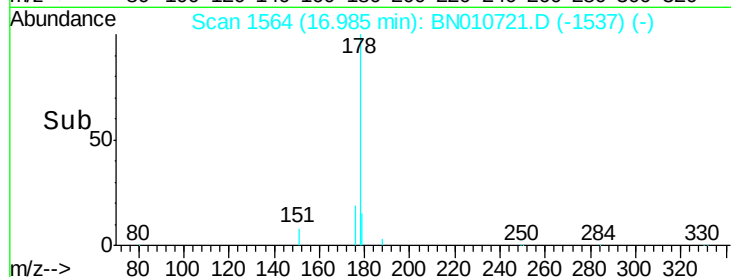
10000

5000

0

16.99

Time-->



#24

Anthracene

Concen: 0.378 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

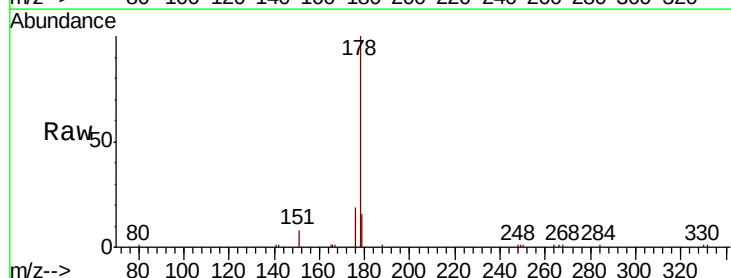
Tgt Ion:178 Resp: 14853

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.0 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

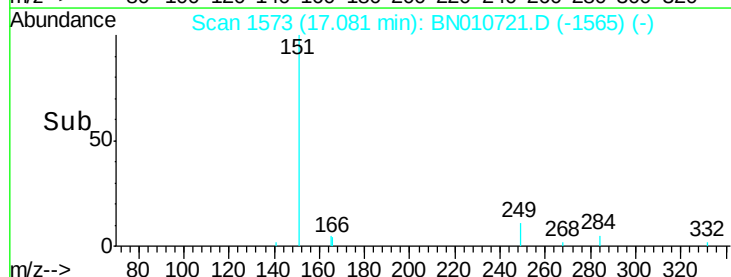
10000

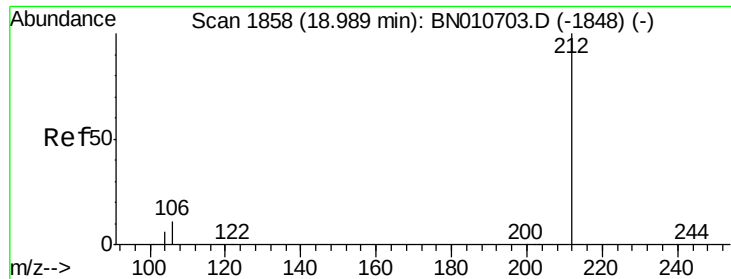
5000

0

17.08

Time-->





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 18.98 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

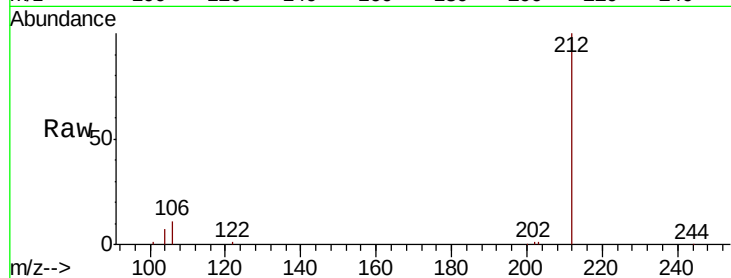
Tot Ion:212 Resp: 18357

Ion Ratio Lower Upper

212 100

106 9.8 8.2 12.2

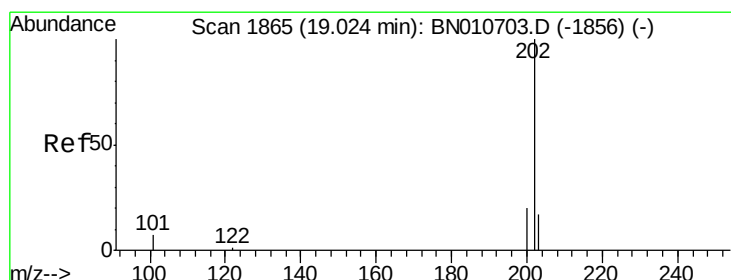
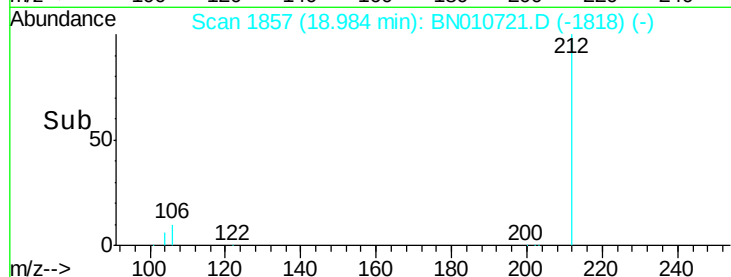
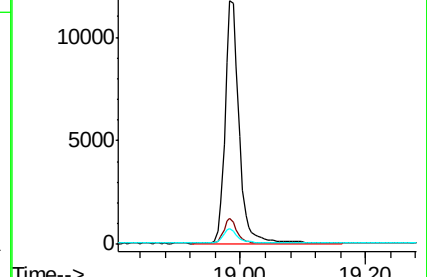
104 5.5 4.7 7.1



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: 0.387 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

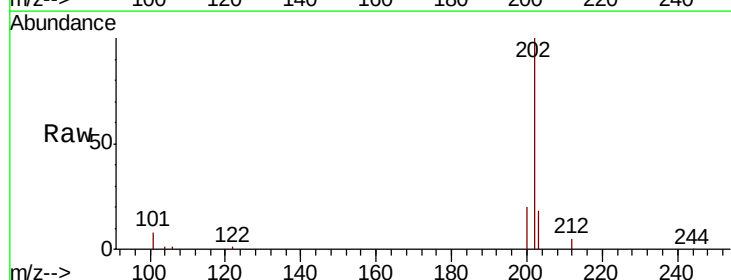
Tgt Ion:202 Resp: 20561

Ion Ratio Lower Upper

202 100

101 8.7 6.7 10.1

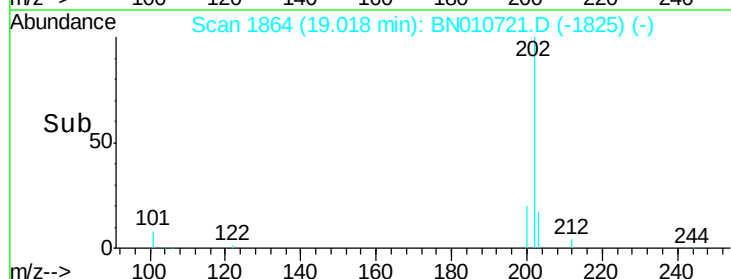
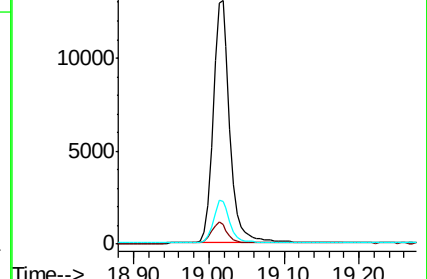
203 17.2 13.4 20.0

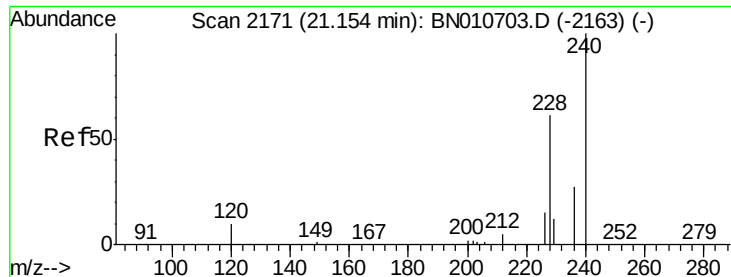


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

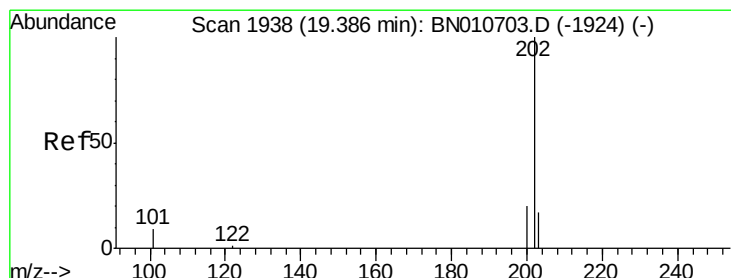
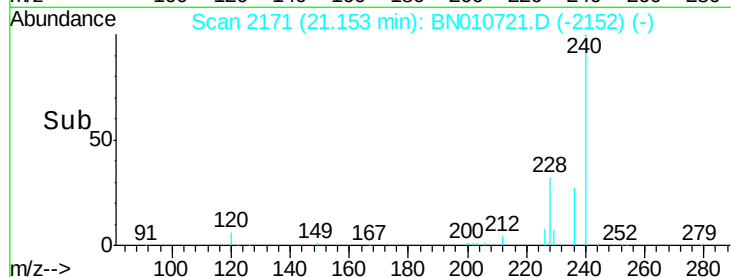
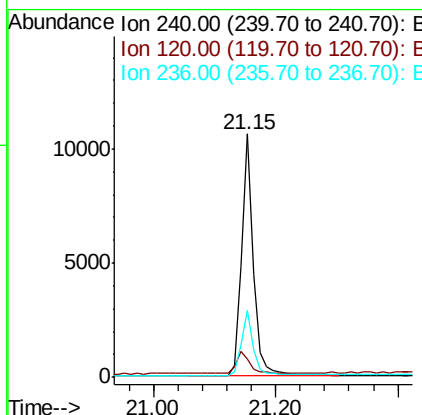
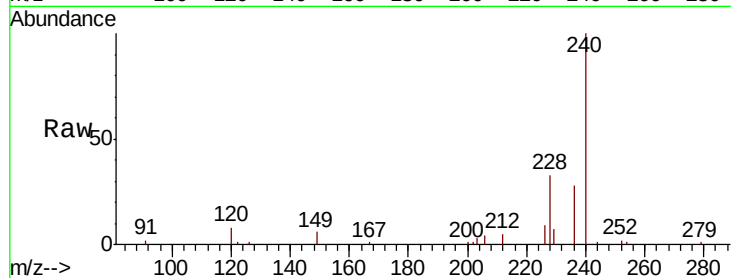




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.15 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BN010721.D
 Acq: 14 May 2020 20:32

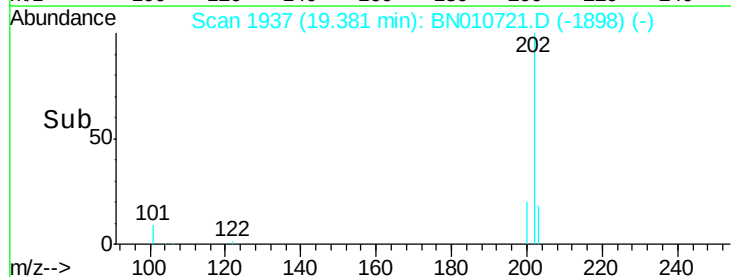
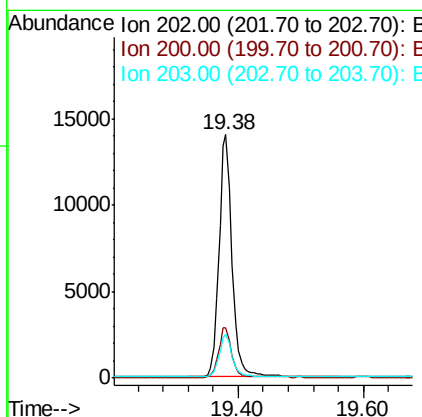
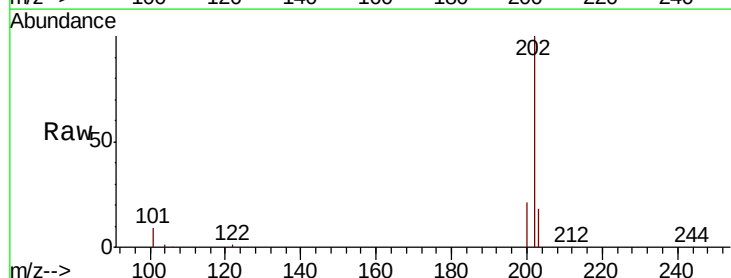
Instrument :
 BNA_N
 ClientSampleId :

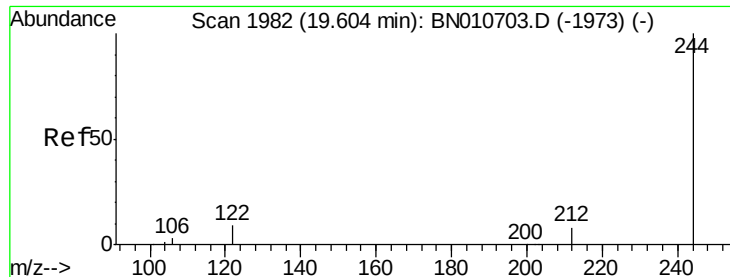
Tot Ion:240 Resp: 14560
 Ion Ratio Lower Upper
 240 100
 120 7.7 9.5 14.3#
 236 27.5 22.5 33.7



#28
 Pyrene
 Concen: 0.393 ng
 RT: 19.38 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BN010721.D
 Acq: 14 May 2020 20:32

Tgt Ion:202 Resp: 20513
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.2 24.4
 203 17.3 14.1 21.1





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 19.60 min Scan# 1981

Delta R.T. -0.01 min

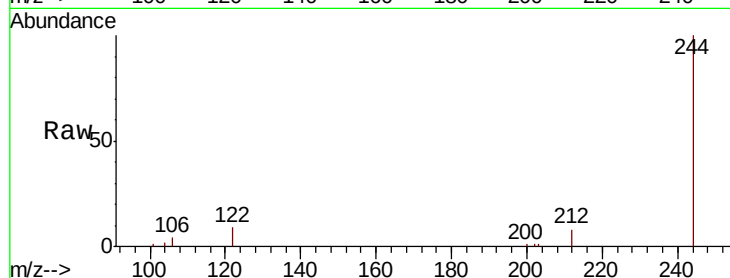
Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampled :



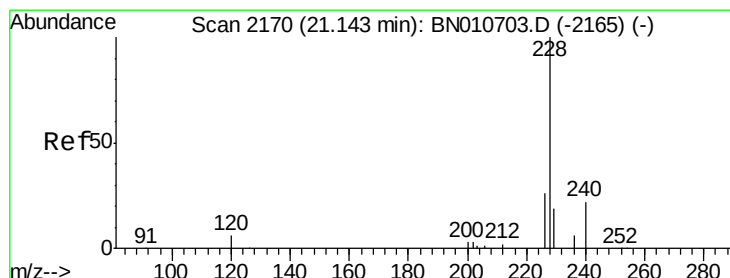
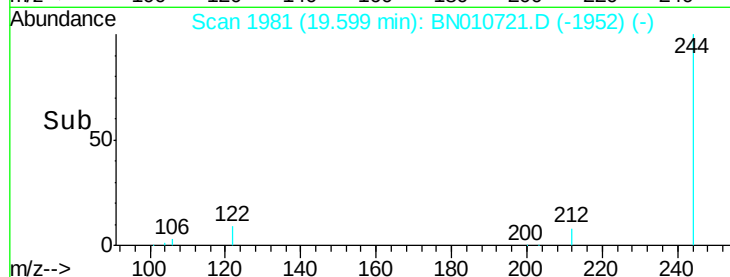
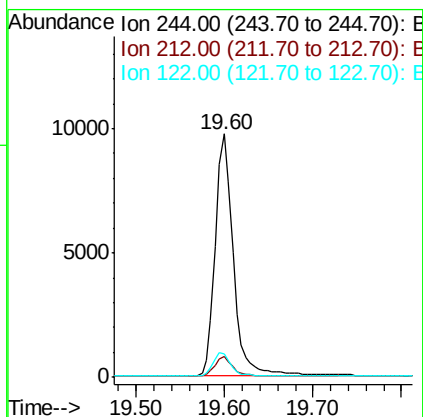
Tot Ion:244 Resp: 14038

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

122 9.4 8.1 12.1



#30

Benzo(a)anthracene

Concen: 0.388 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

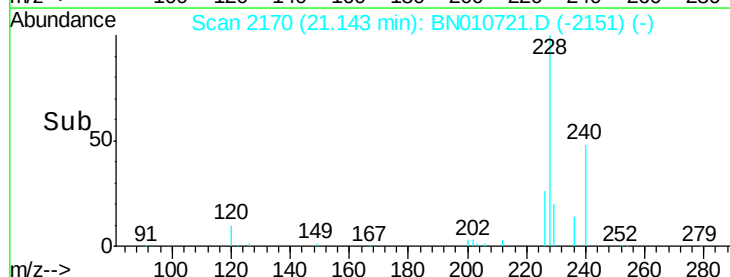
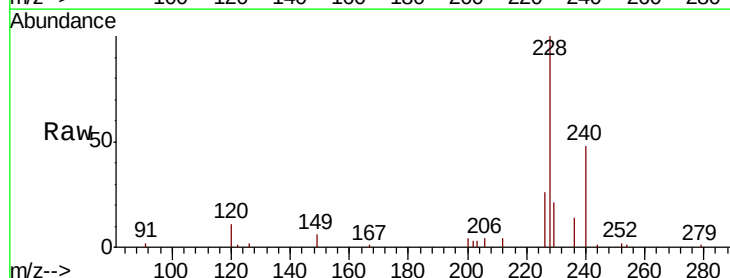
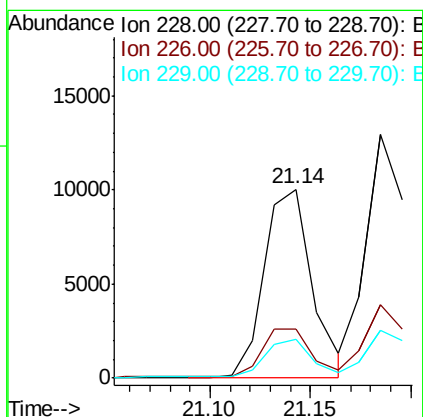
Tgt Ion:228 Resp: 16496

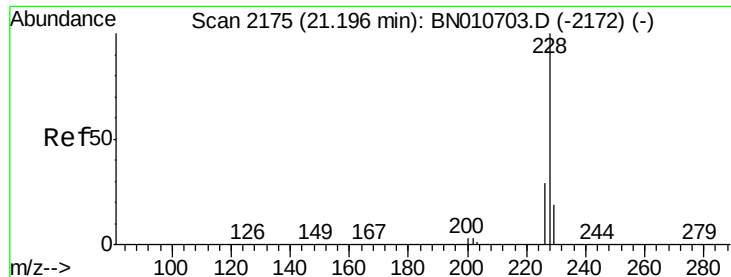
Ion Ratio Lower Upper

228 100

226 26.2 21.3 31.9

229 20.5 16.0 24.0





#31

Chrysene

Concen: 0.401 ng

RT: 21.18 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

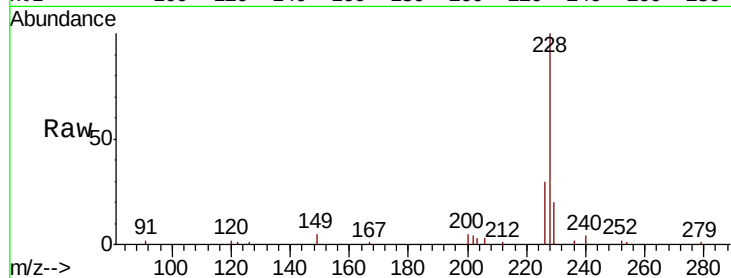
Tot Ion:228 Resp: 19289

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.0

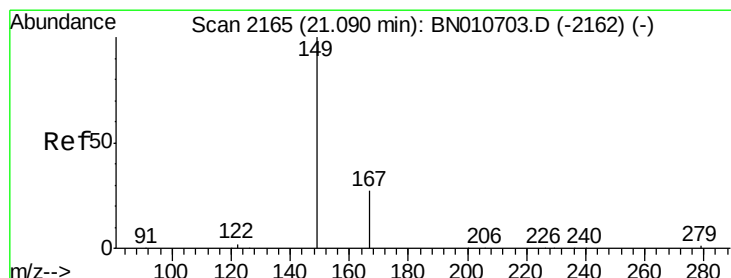
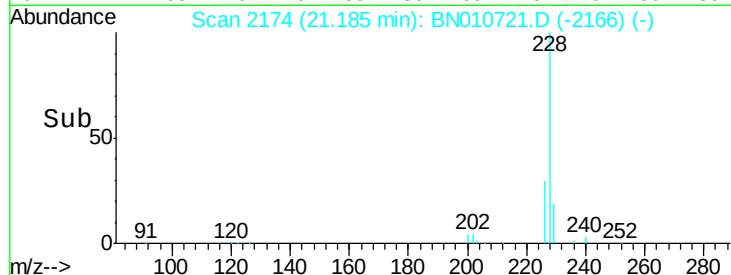
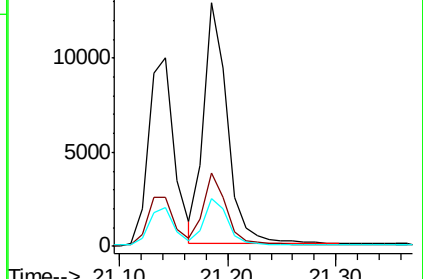
229 19.6 16.1 24.1



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: 0.395 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

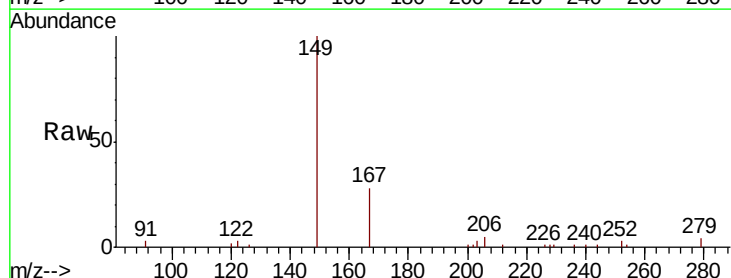
Tgt Ion:149 Resp: 7347

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

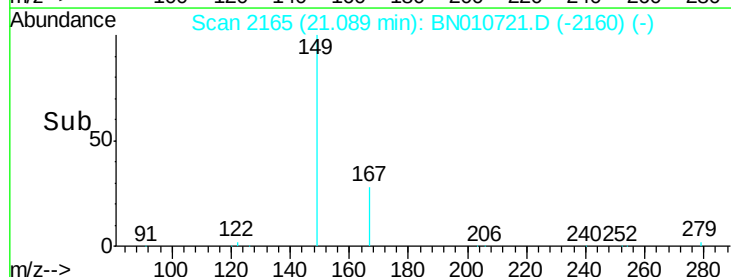
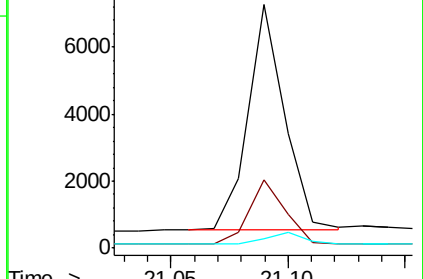
279 5.1 4.1 6.1

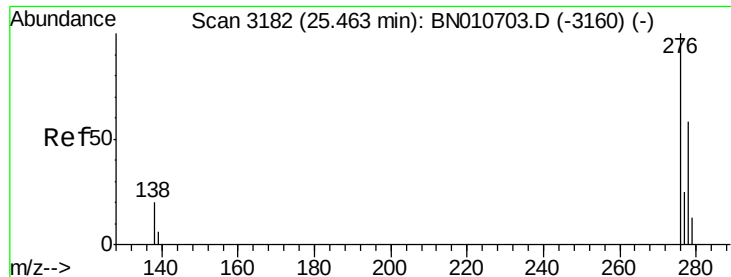


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

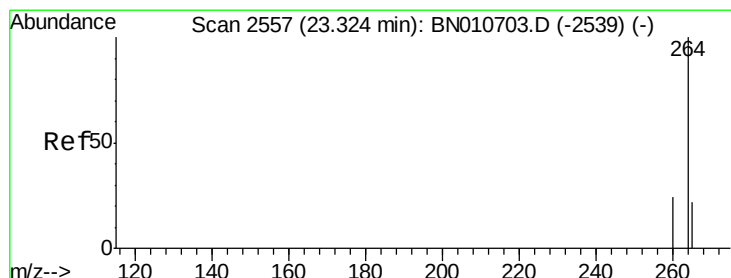
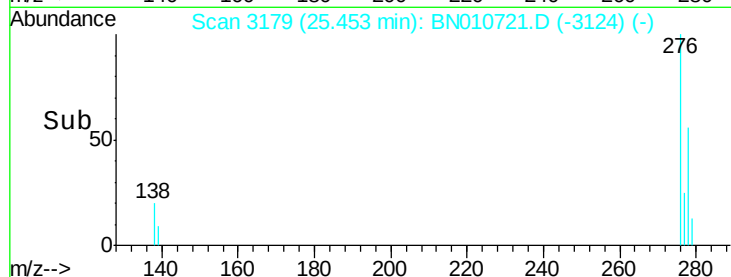
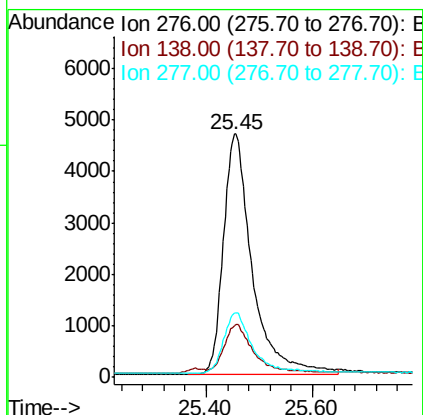
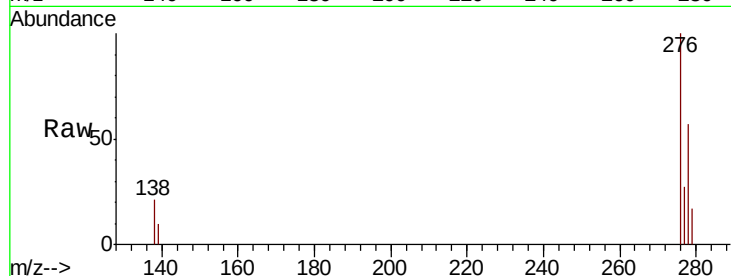




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng
RT: 25.45 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BN010721.D
Acq: 14 May 2020 20:32

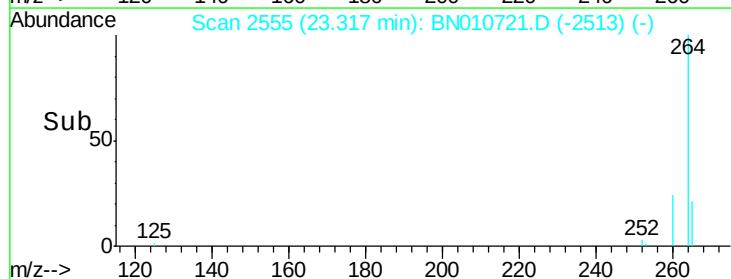
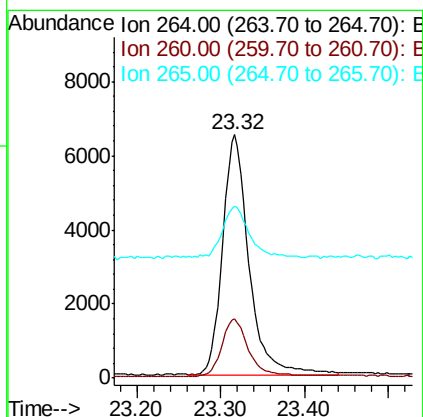
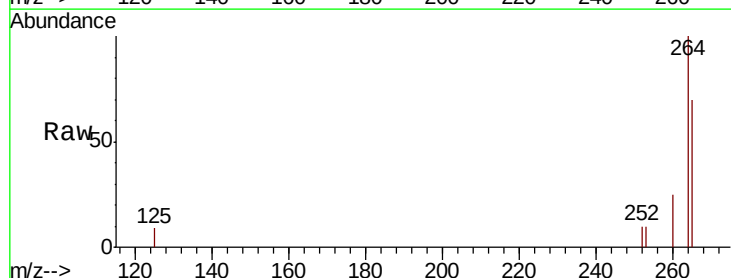
Instrument :
BNA_N
ClientSampleId :

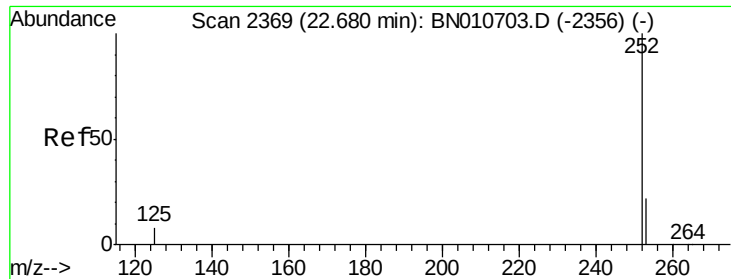
Tot Ion:276 Resp: 17674
Ion Ratio Lower Upper
276 100
138 18.6 15.1 22.7
277 24.8 19.4 29.0



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BN010721.D
Acq: 14 May 2020 20:32

Tgt Ion:264 Resp: 14062
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 70.4 70.1 105.1





#35

Benzo(b)fluoranthene

Concen: 0.384 ng

RT: 22.68 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

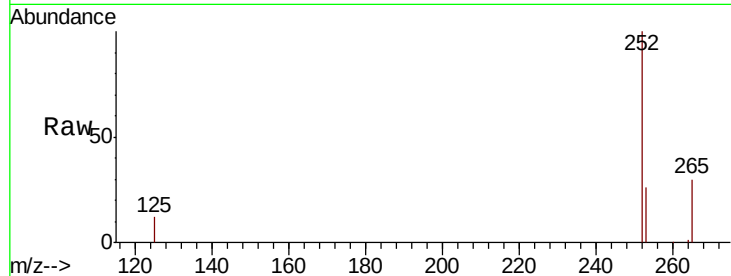
Tot Ion:252 Resp: 17860

Ion Ratio Lower Upper

252 100

253 26.2 22.0 33.0

125 12.4 10.8 16.2

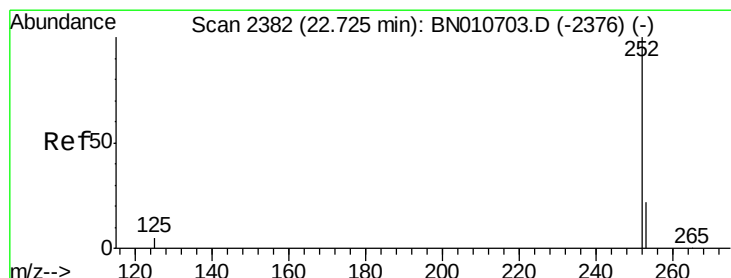
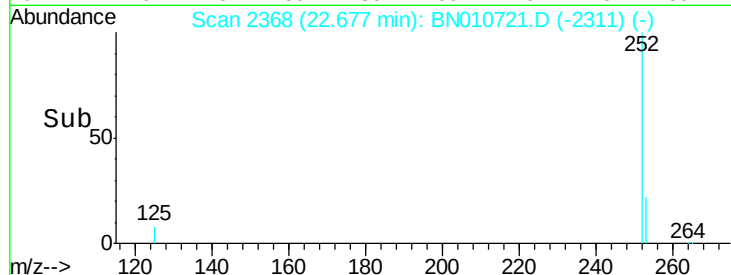
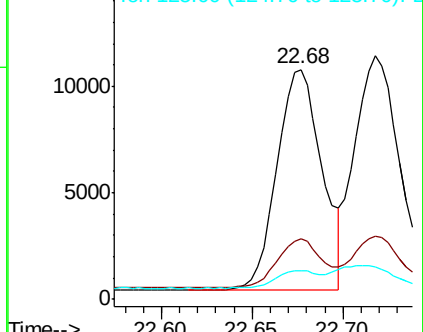


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.407 ng

RT: 22.72 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

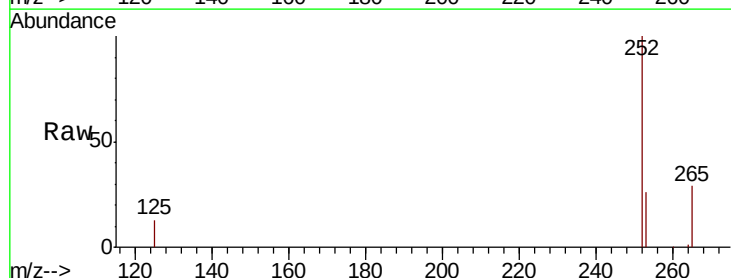
Tgt Ion:252 Resp: 20362

Ion Ratio Lower Upper

252 100

253 26.1 21.9 32.9

125 13.3 11.1 16.7

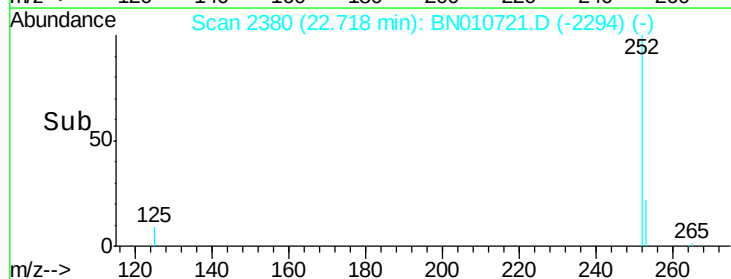
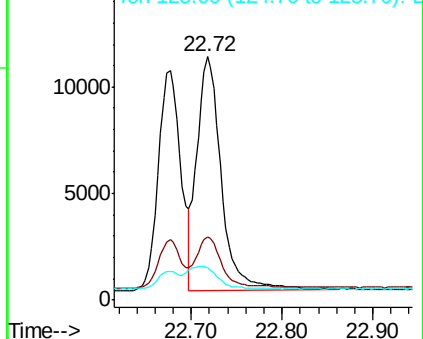


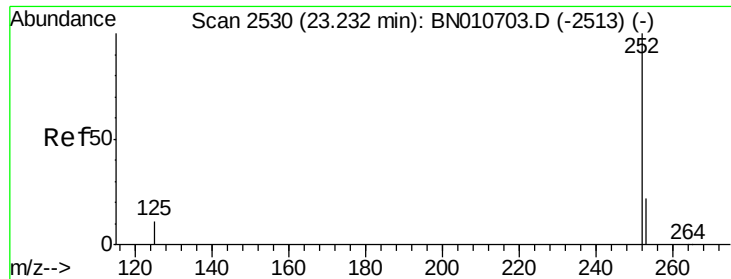
Abundance

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: 0.392 ng

RT: 23.22 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :

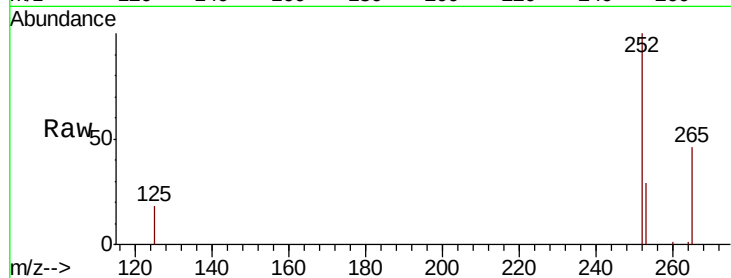
Tot Ion:252 Resp: 15777

Ion Ratio Lower Upper

252 100

253 29.0 24.8 37.2

125 18.0 15.8 23.6

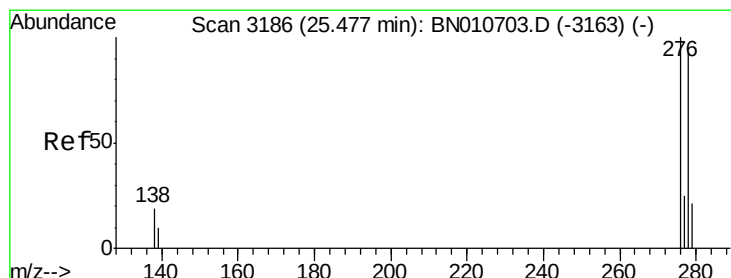
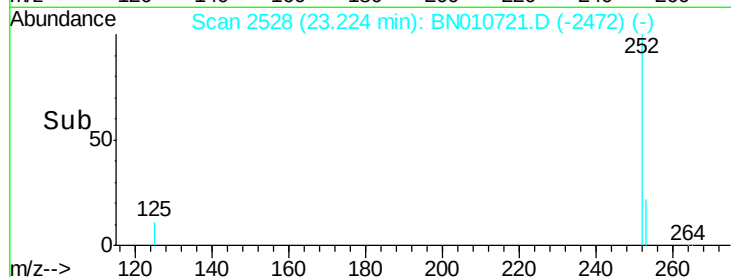
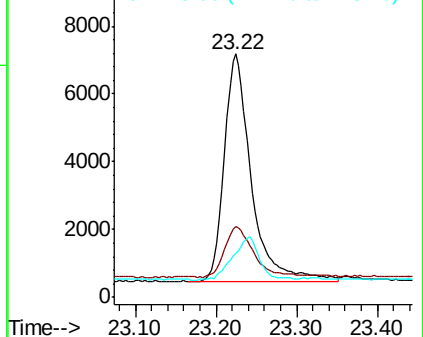


Abundance

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: 0.400 ng

RT: 25.47 min Scan# 3183

Delta R.T. -0.01 min

Lab File: BN010721.D

Acq: 14 May 2020 20:32

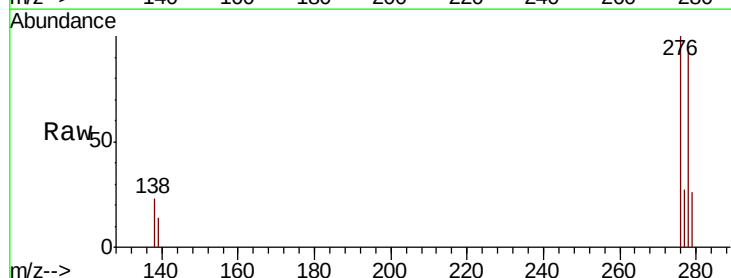
Tgt Ion:278 Resp: 13735

Ion Ratio Lower Upper

278 100

139 15.5 13.0 19.4

279 28.8 25.1 37.7

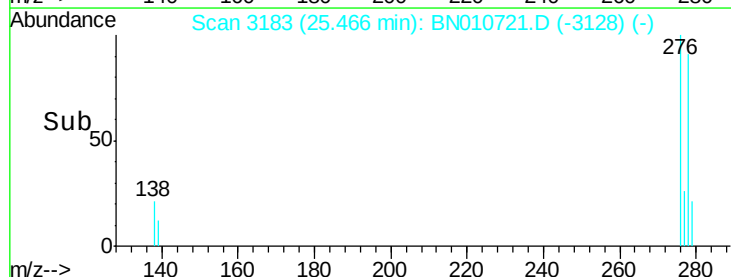
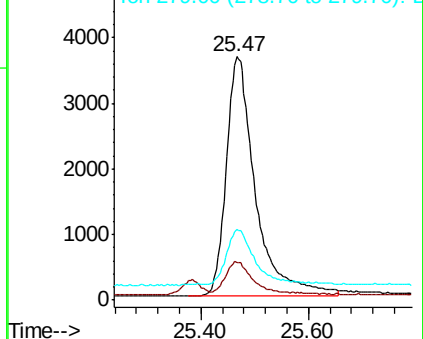


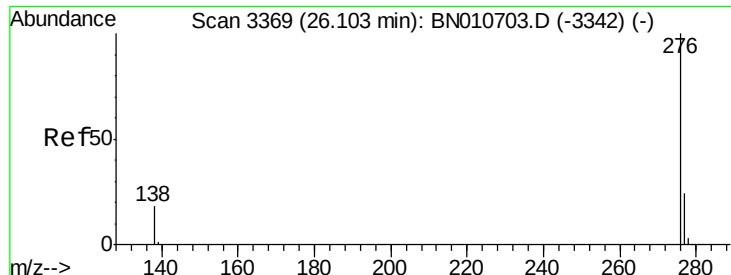
Abundance

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(a,h,i)perylene

Concen: 0.377 ng

RT: 26.09 min Scan# 3366

Delta R.T. -0.01 min

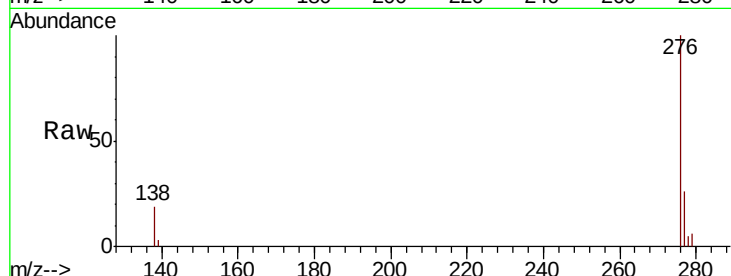
Lab File: BN010721.D

Acq: 14 May 2020 20:32

Instrument :

BNA_N

ClientSampleId :



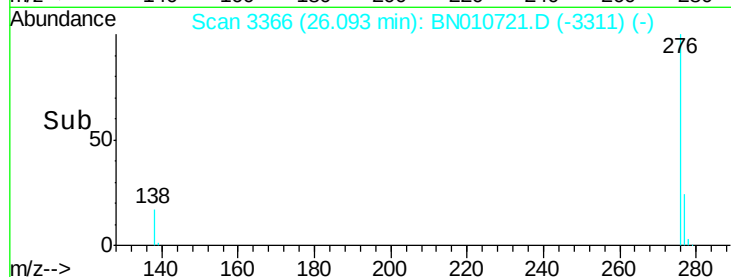
Tot Ion: 276 Resp: 15213

Ion Ratio Lower Upper

276 100

277 25.7 20.6 30.8

138 19.2 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

