

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
 Data File : BN010707.D
 Acq On : 13 May 2020 13:46
 Operator : CG/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: May 13 14:17:21 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	7.57	152	3652	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12749	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	7882	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	16809	0.40	ng	-0.01
27) Chrysene-d12	21.16	240	15646	0.40	ng	0.00
34) Perylene-d12	23.32	264	13877	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.22	112	35318	4.42	ng	0.00
5) Phenol-d6	6.77	99	46347	4.43	ng	0.00
8) Nitrobenzene-d5	8.71	82	48228	5.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.92	152	107059	5.11	ng	0.00
14) 2,4,6-Tribromophenol	15.69	330	18306	4.93	ng	-0.02
15) 2-Fluorobiphenyl	12.82	172	149378	5.21	ng	0.00
25) Fluoranthene-d10	18.98	212	255337	5.01	ng	0.00
29) Terphenyl-d14	19.60	244	189710	5.30	ng	0.00

Target Compounds

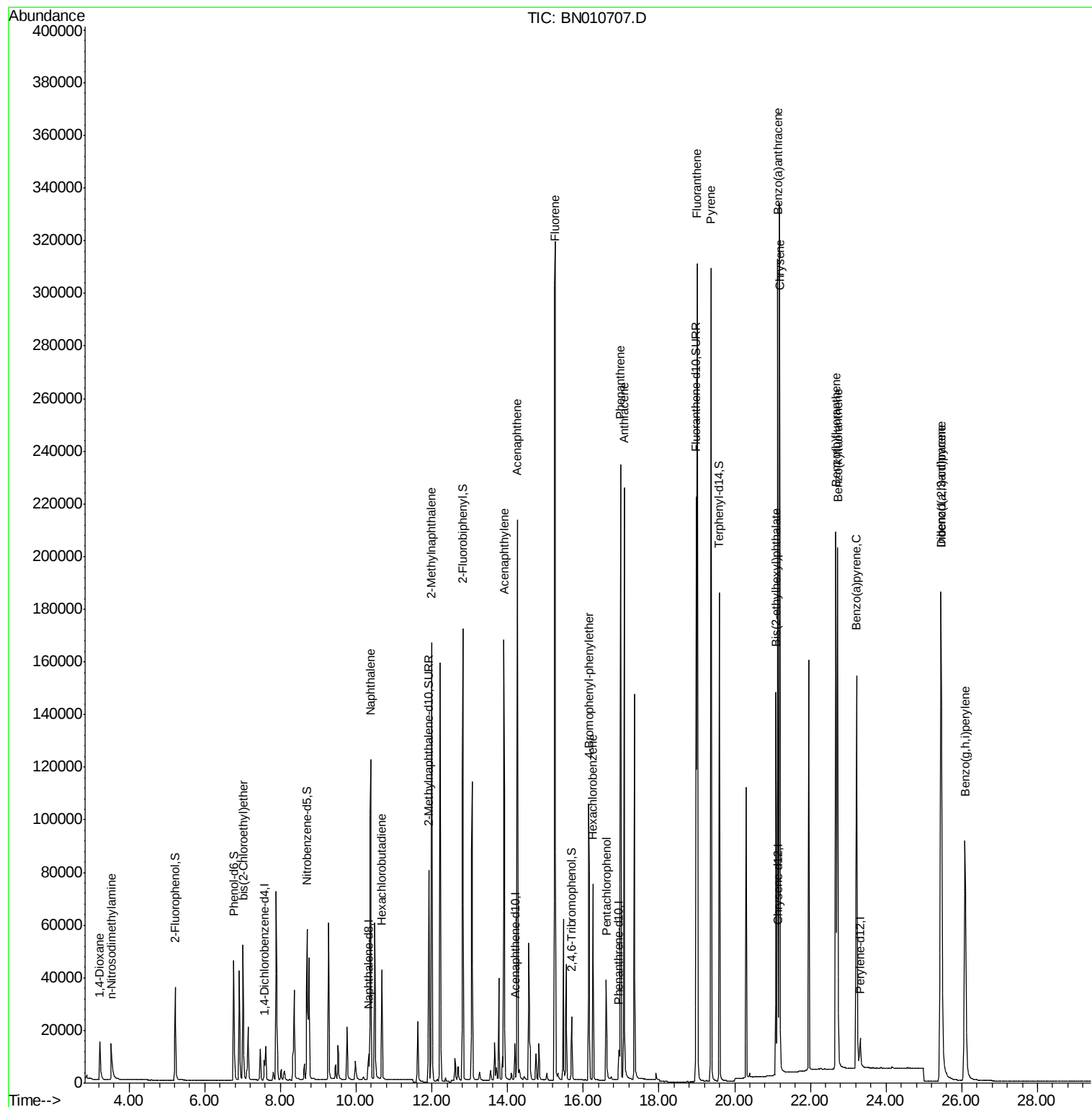
						Qvalue
2) 1,4-Dioxane	3.23	88	15167	5.64	ng	98
3) n-Nitrosodimethylamine	3.53	42	10120	5.81	ng	# 94
6) bis(2-Chloroethyl)ether	7.01	93	42524	4.69	ng	95
9) Naphthalene	10.38	128	163050	5.15	ng	98
10) Hexachlorobutadiene	10.67	225	36276	4.75	ng	# 100
12) 2-Methylnaphthalene	12.00	142	116208	5.11	ng	98
16) Acenaphthylene	13.91	152	182619	5.36	ng	100
17) Acenaphthene	14.25	154	114396	5.23	ng	98
18) Fluorene	15.25	166	151782	5.30	ng	100
20) 4-Bromophenyl-phenylether	16.14	248	52021	5.57	ng	91
21) Hexachlorobenzene	16.26	284	54376	5.10	ng	99
22) Pentachlorophenol	16.61	266	21403	5.10	ng	98
23) Phenanthrene	16.98	178	242398	5.34	ng	100
24) Anthracene	17.08	178	224157	5.40	ng	99
26) Fluoranthene	19.02	202	284326	5.03	ng	98
28) Pyrene	19.38	202	280114	5.32	ng	100
30) Benzo(a)anthracene	21.13	228	262738	5.15	ng	99
31) Chrysene	21.19	228	259889	5.11	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	119582	4.57	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	244637	5.44	ng	97
35) Benzo(b)fluoranthene	22.67	252	249550	5.46	ng	# 89
36) Benzo(k)fluoranthene	22.72	252	249891	5.46	ng	# 89
37) Benzo(a)pyrene	23.22	252	215729	5.33	ng	# 82
38) Dibenzo(a,h)anthracene	25.46	278	193208	5.23	ng	# 89
39) Benzo(g,h,i)perylene	26.09	276	204919	5.51	ng	96

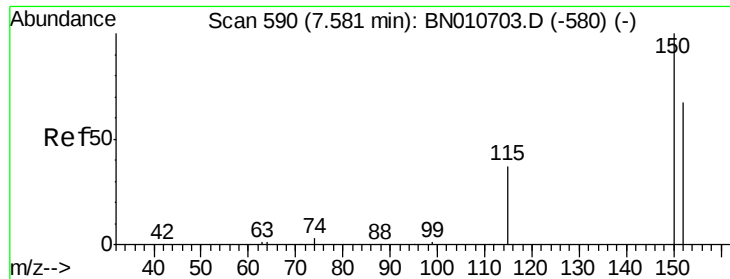
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.57 min Scan# 589

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

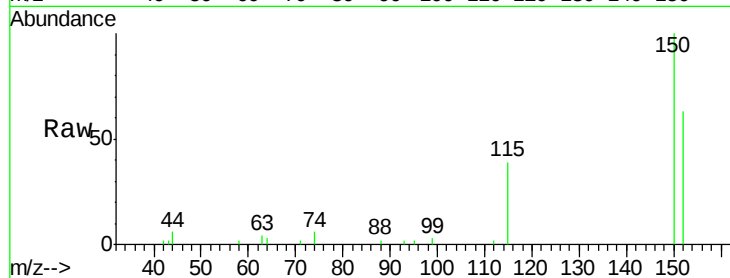
Tgt Ion:152 Resp: 3652

Ion Ratio Lower Upper

152 100

150 157.5 119.4 179.0

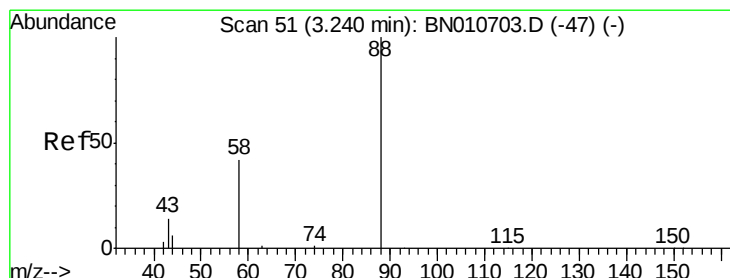
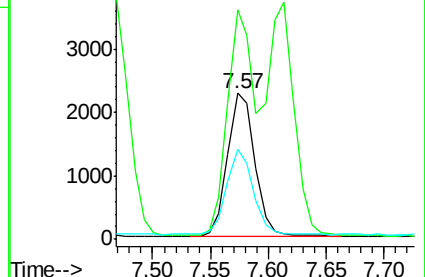
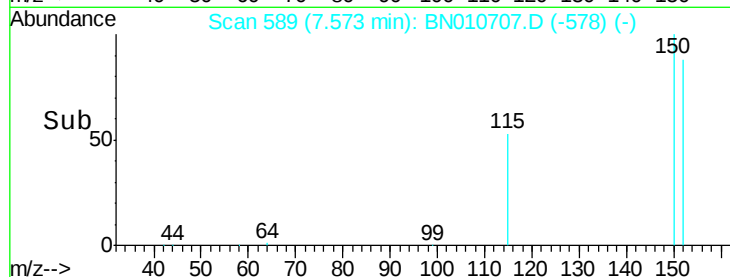
115 61.9 45.9 68.9



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: 5.64 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

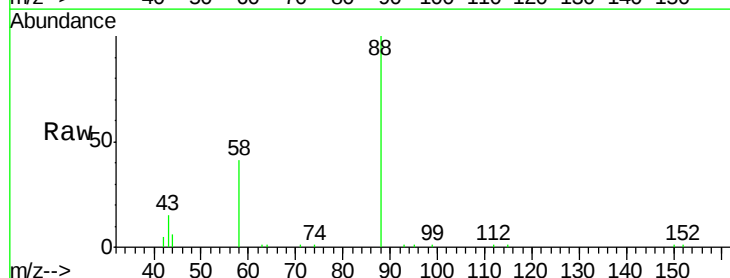
Tgt Ion: 88 Resp: 15167

Ion Ratio Lower Upper

88 100

58 47.4 39.0 58.6

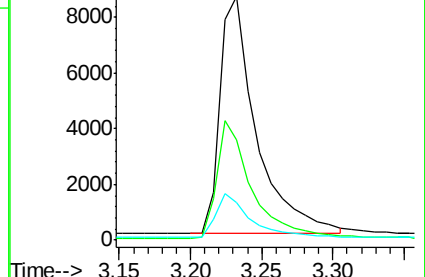
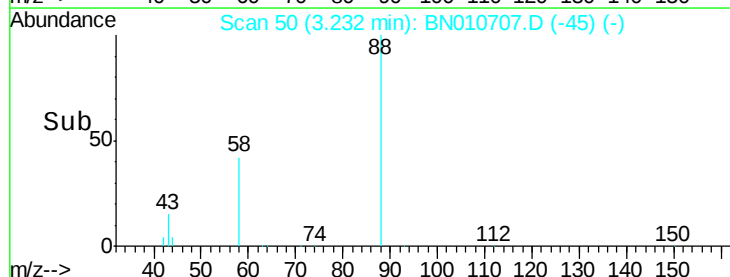
43 17.3 13.1 19.7

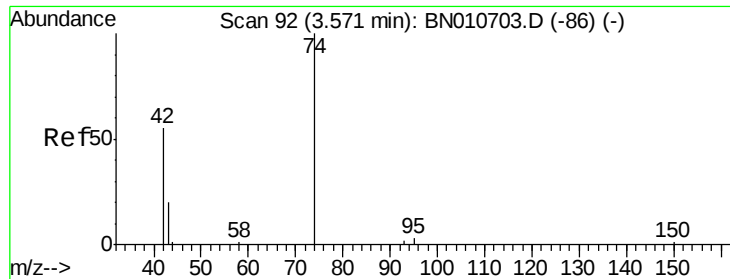


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 5.81 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.04 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

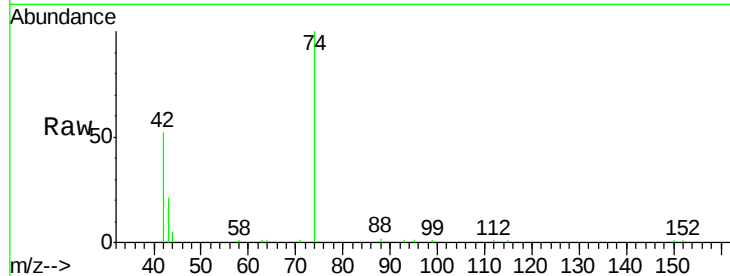
Tgt Ion: 42 Resp: 10120

Ion Ratio Lower Upper

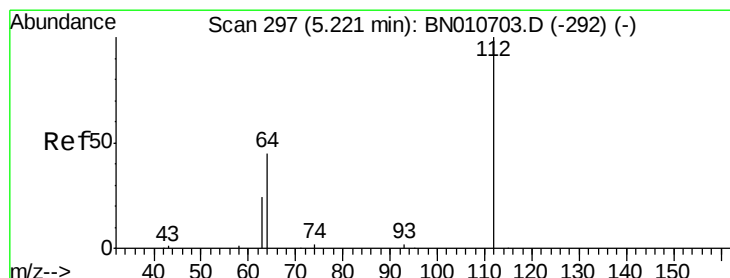
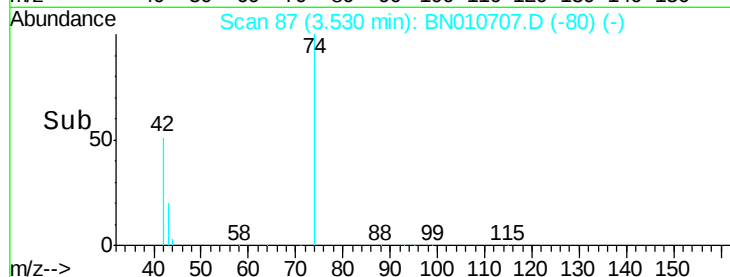
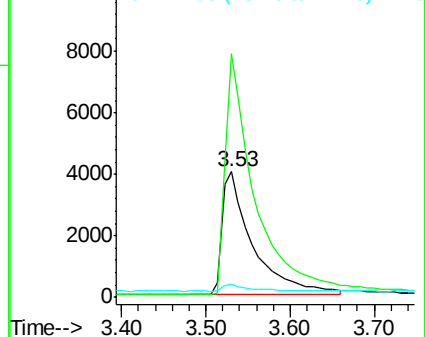
42 100

74 191.8 146.2 219.2

44 5.1 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: 4.42 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.00 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

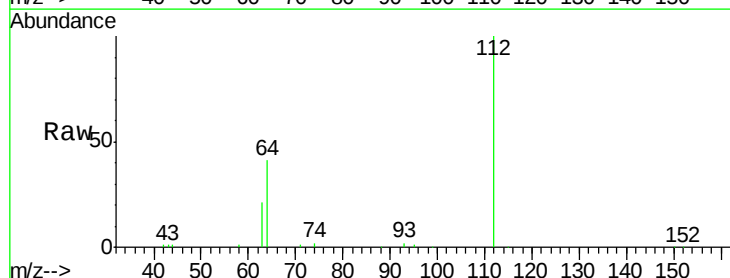
Tgt Ion: 112 Resp: 35318

Ion Ratio Lower Upper

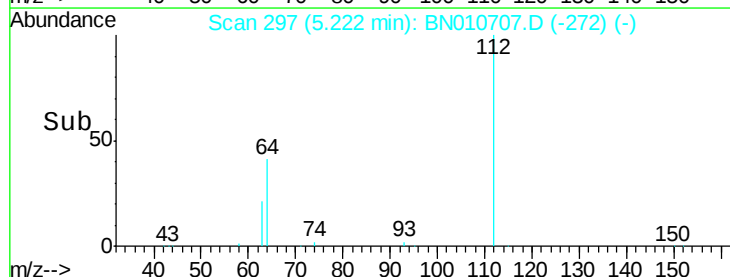
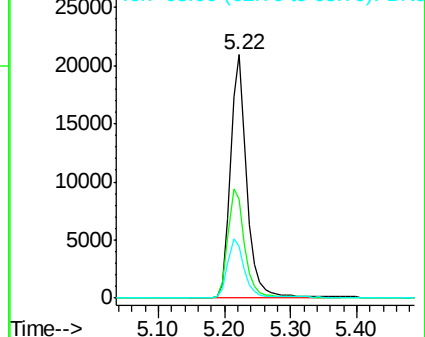
112 100

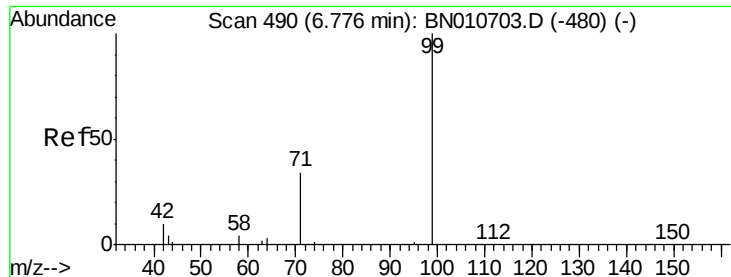
64 46.0 36.2 54.4

63 24.5 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: 4.43 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

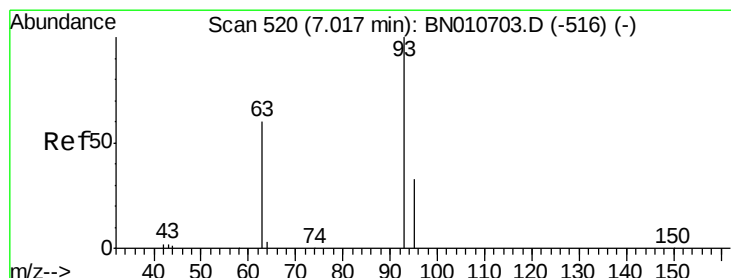
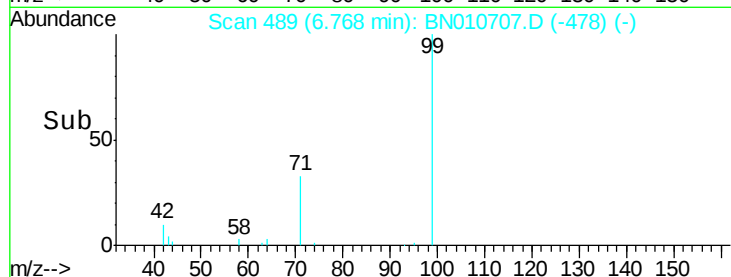
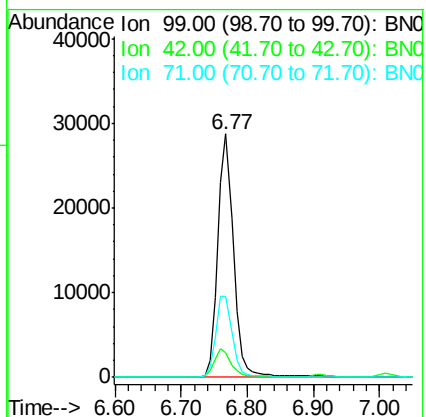
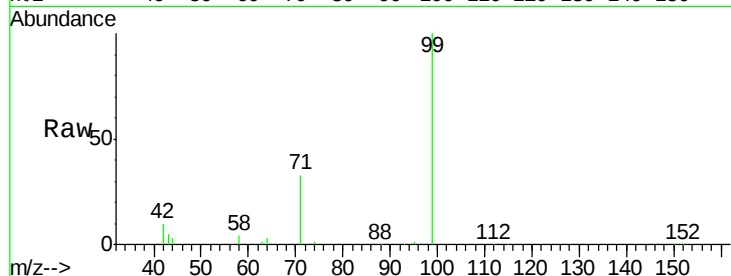
Tgt Ion: 99 Resp: 46347

Ion Ratio Lower Upper

99 100

42 12.6 9.8 14.8

71 35.6 28.6 42.8



#6

bis(2-Chloroethyl)ether

Concen: 4.69 ng

RT: 7.01 min Scan# 519

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

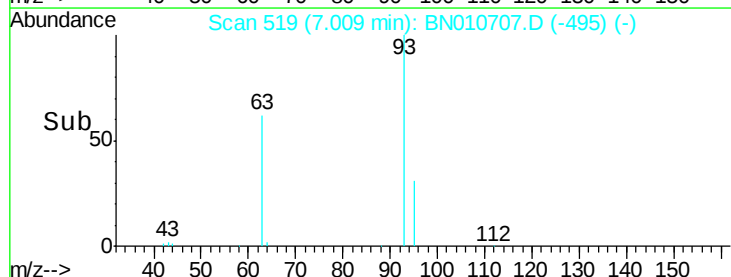
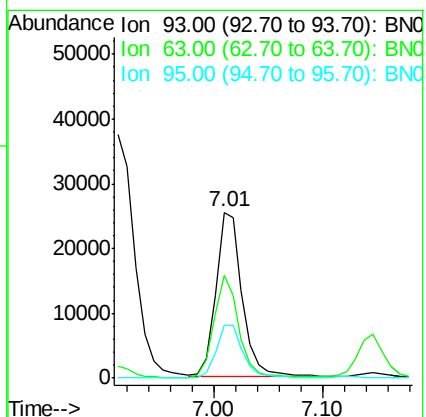
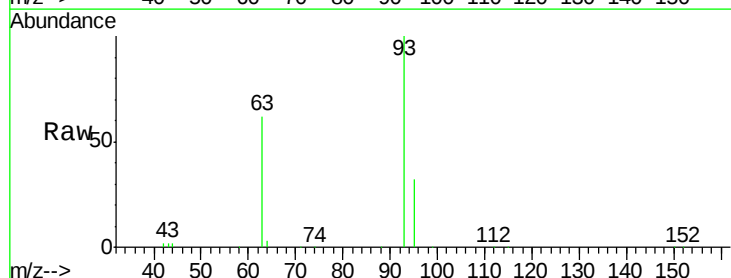
Tgt Ion: 93 Resp: 42524

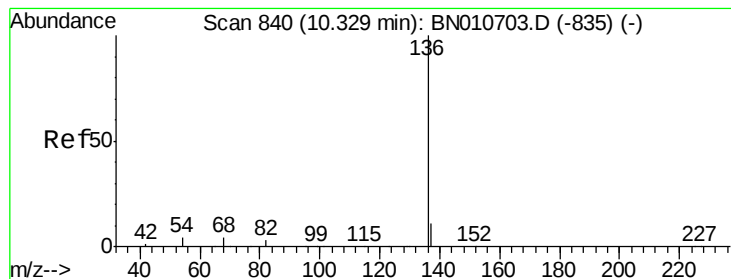
Ion Ratio Lower Upper

93 100

63 58.6 43.1 64.7

95 32.6 24.6 37.0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:136 Resp: 12749

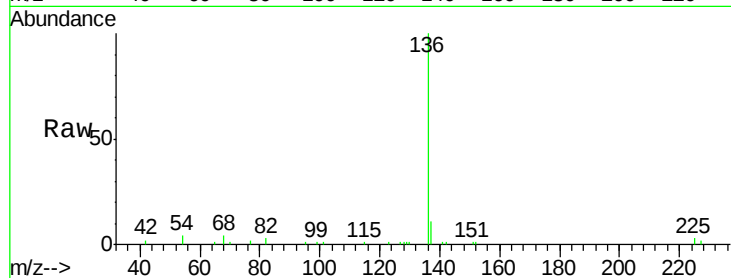
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 3.7 3.6 5.4

68 4.4 4.1 6.1

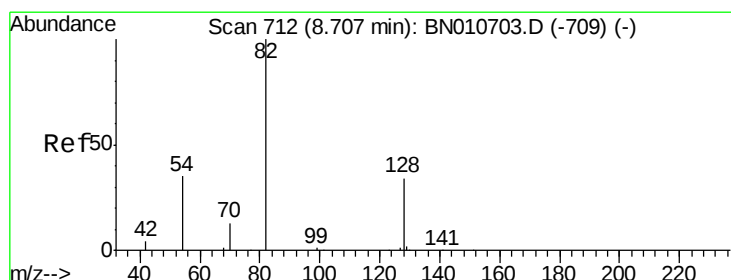
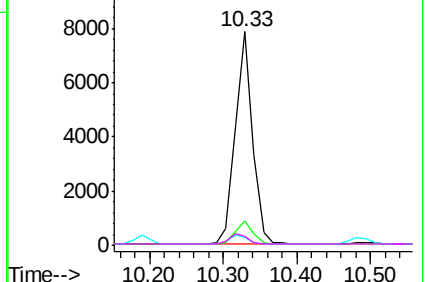
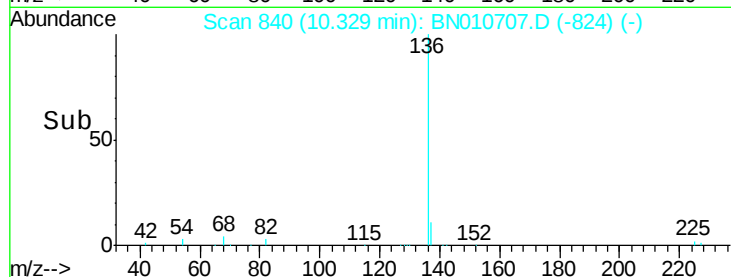


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 5.41 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

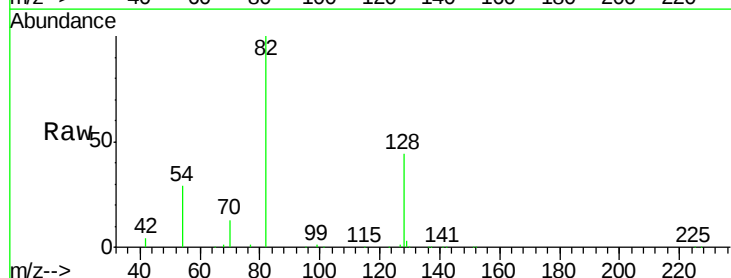
Tgt Ion: 82 Resp: 48228

Ion Ratio Lower Upper

82 100

128 44.2 29.0 43.4#

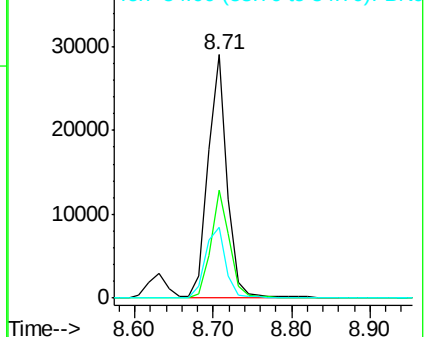
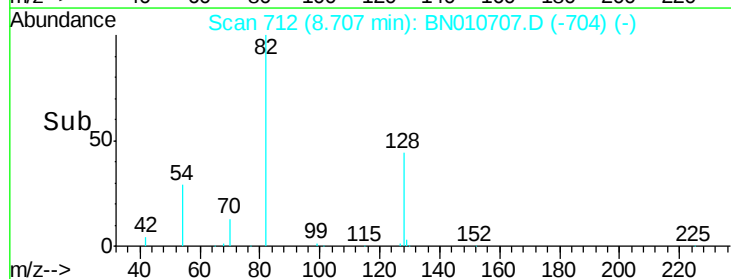
54 29.2 29.3 43.9#

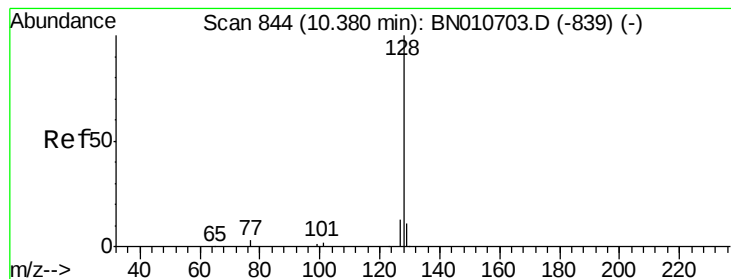


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 5.15 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

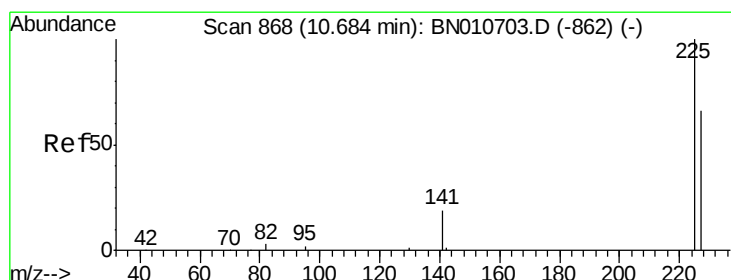
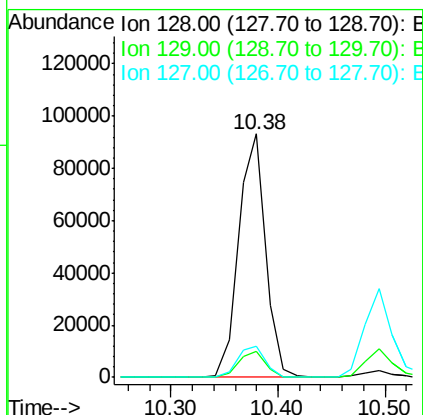
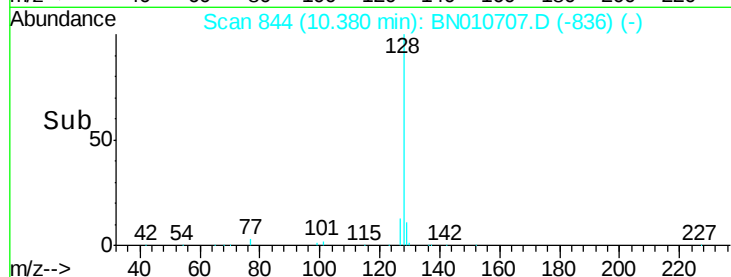
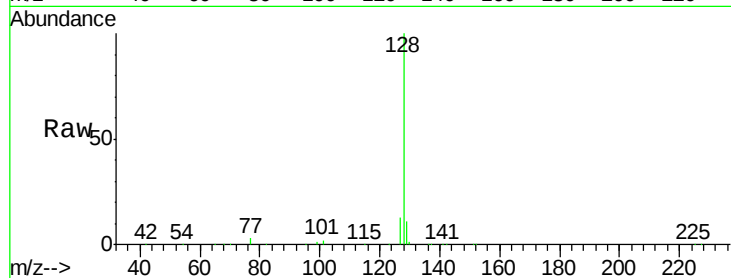
Tgt Ion:128 Resp: 163050

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

127 12.9 11.0 16.6



#10

Hexachlorobutadiene

Concen: 4.75 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

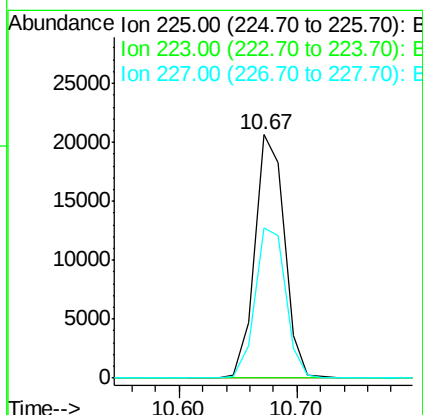
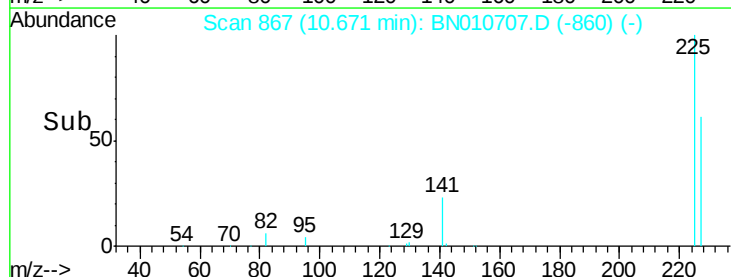
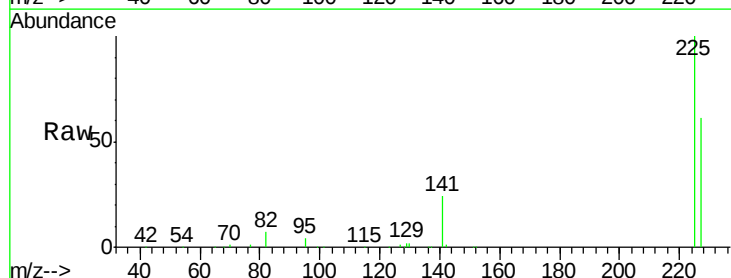
Tgt Ion:225 Resp: 36276

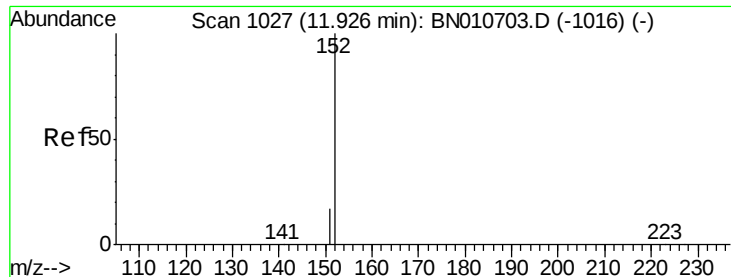
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.6 50.7 76.1

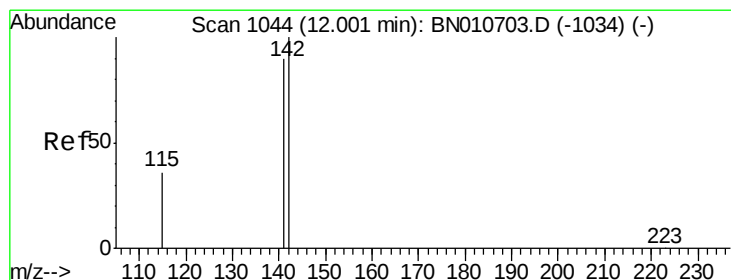
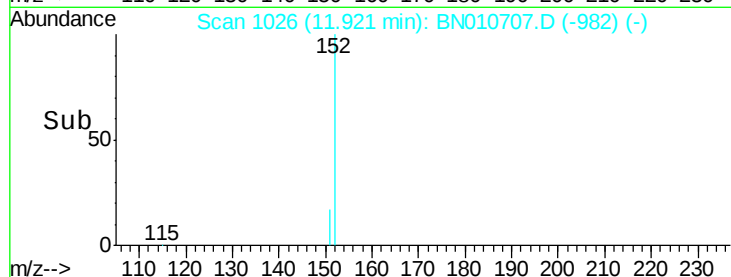
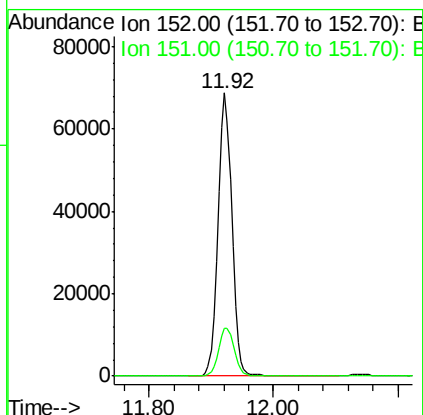
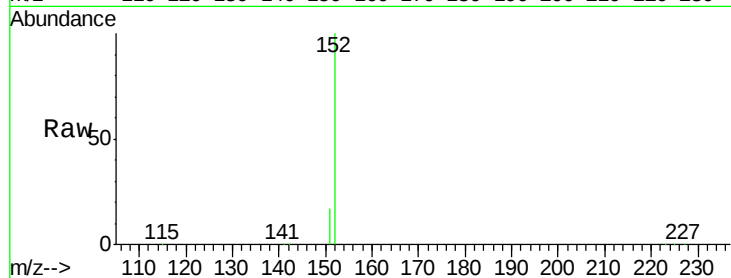




#11
2-Methylnaphthalene-d10
Concen: 5.11 ng
RT: 11.92 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN010707.D
Acq: 13 May 2020 13:46

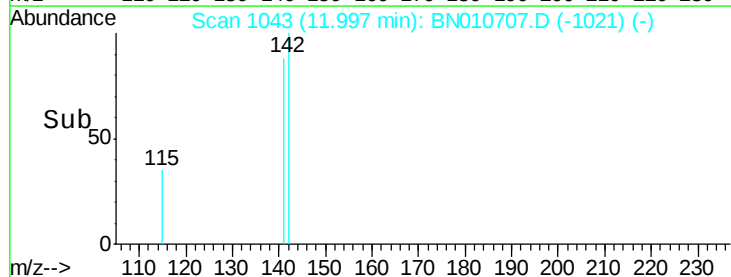
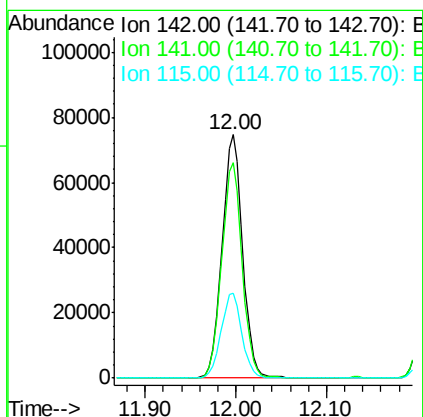
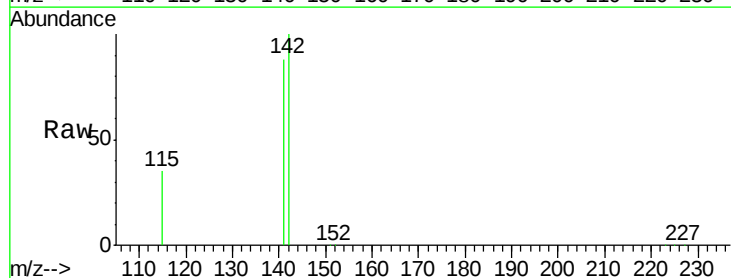
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

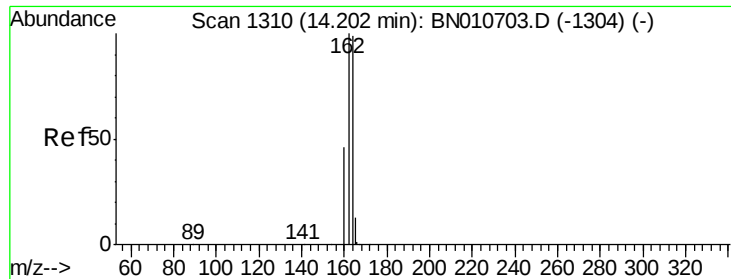
Tgt Ion:152 Resp: 107059
Ion Ratio Lower Upper
152 100
151 19.1 15.0 22.6



#12
2-Methylnaphthalene
Concen: 5.11 ng
RT: 12.00 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BN010707.D
Acq: 13 May 2020 13:46

Tgt Ion:142 Resp: 116208
Ion Ratio Lower Upper
142 100
141 88.5 71.7 107.5
115 34.8 29.8 44.6





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.20 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

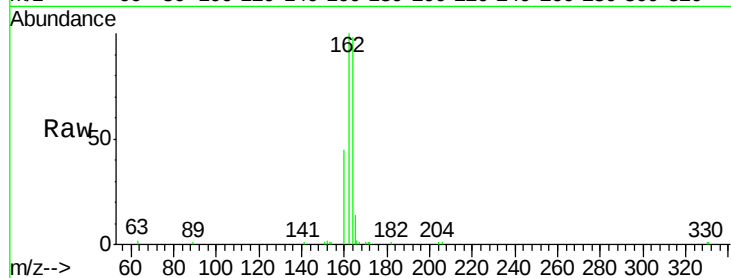
Tgt Ion:164 Resp: 7882

Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

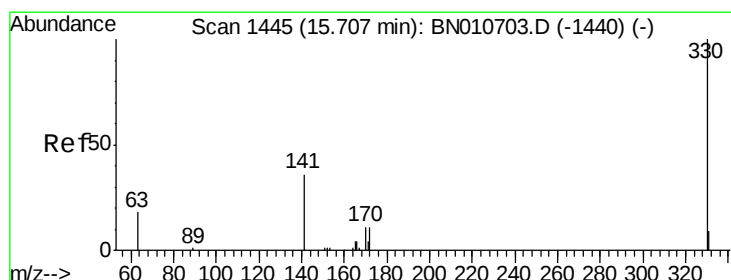
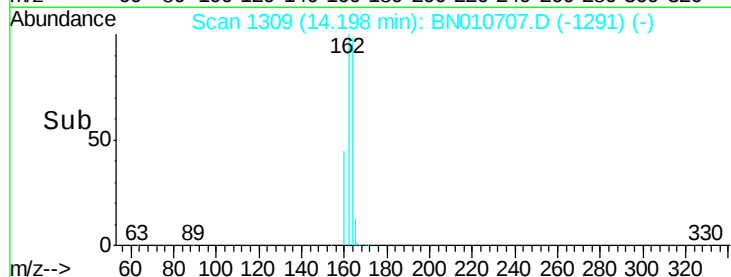
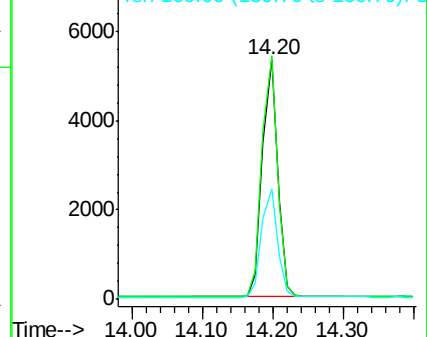
160 46.2 37.9 56.9



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: 4.93 ng

RT: 15.69 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

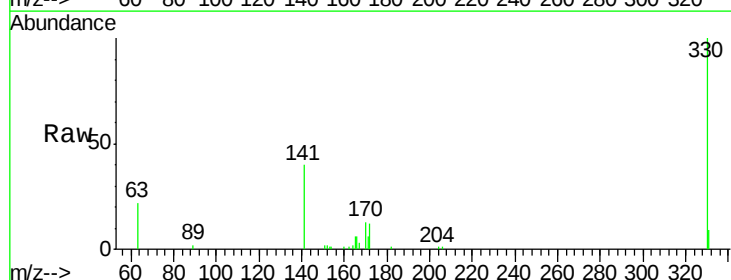
Tgt Ion:330 Resp: 18306

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

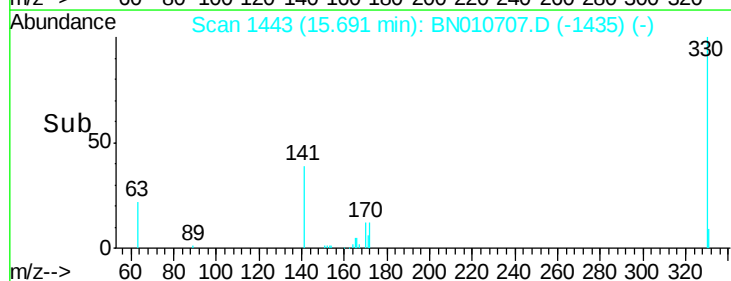
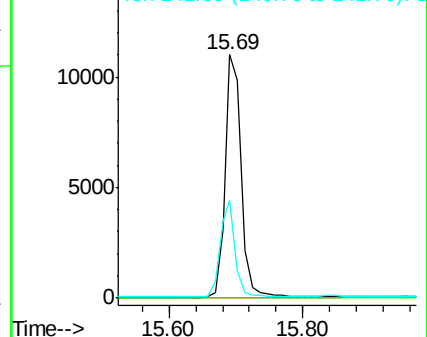
141 37.0 28.8 43.2

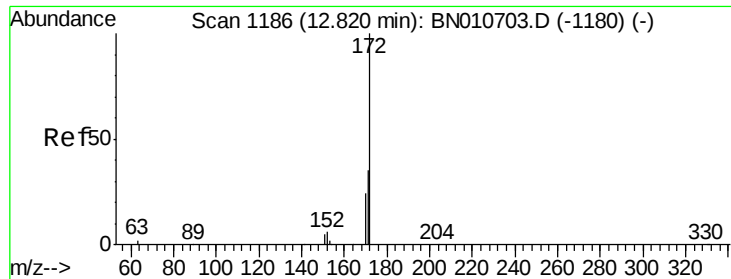


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

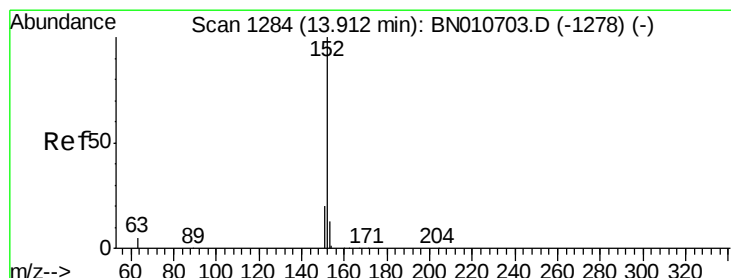
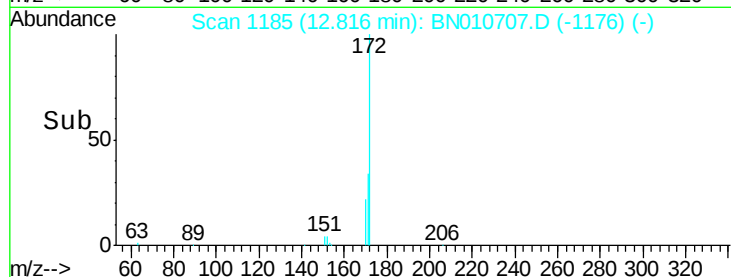
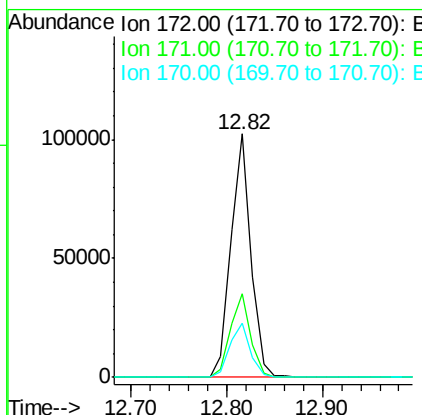
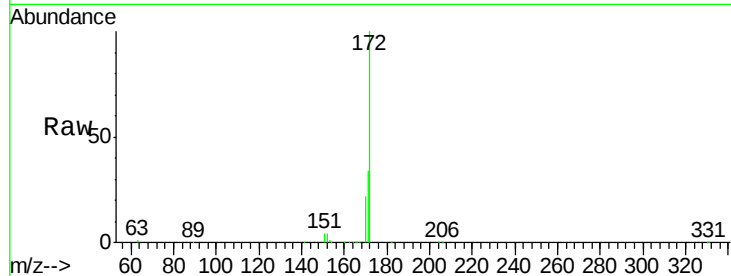




#15
2-Fluorobiphenyl
Concen: 5.21 ng
RT: 12.82 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BN010707.D
Acq: 13 May 2020 13:46

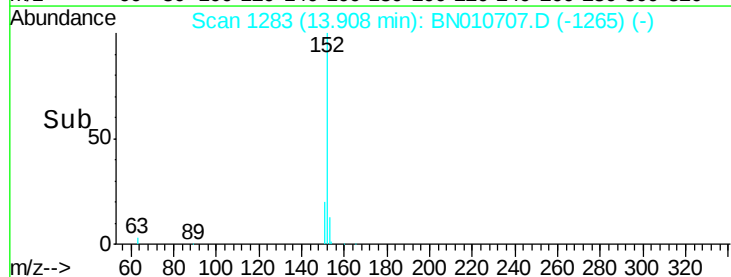
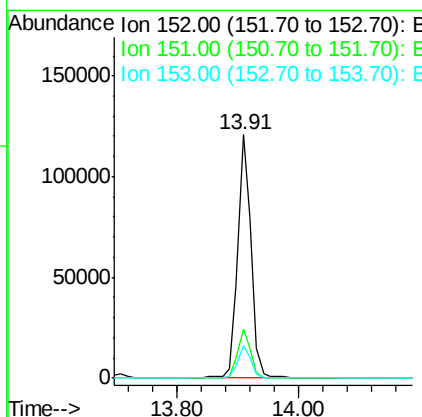
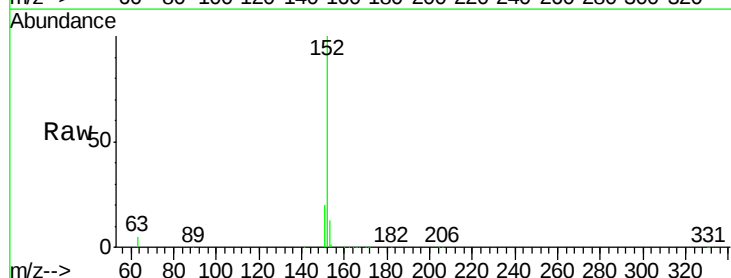
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

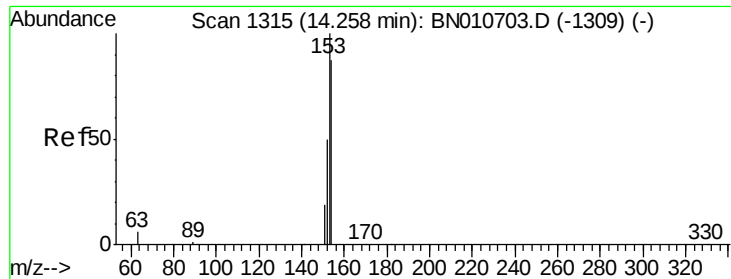
Tgt Ion:172 Resp: 149378
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 22.3 19.8 29.8



#16
Acenaphthylene
Concen: 5.36 ng
RT: 13.91 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BN010707.D
Acq: 13 May 2020 13:46

Tgt Ion:152 Resp: 182619
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 5.23 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

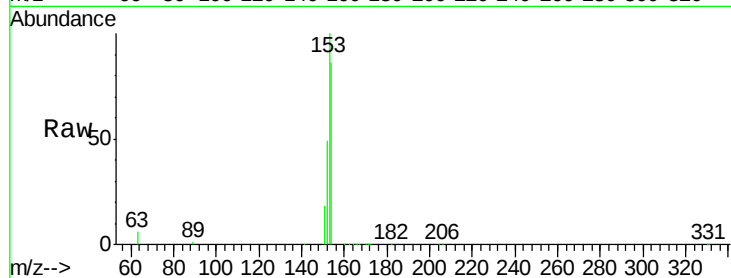
Tgt Ion:154 Resp: 114396

Ion Ratio Lower Upper

154 100

153 113.3 91.5 137.3

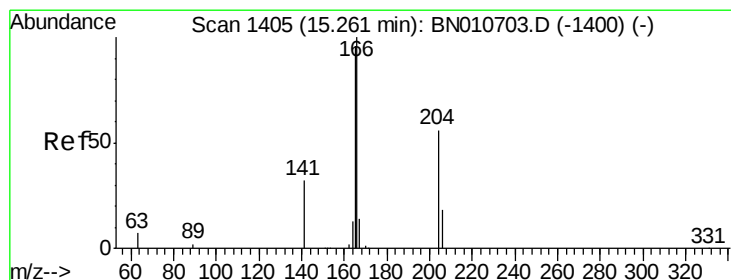
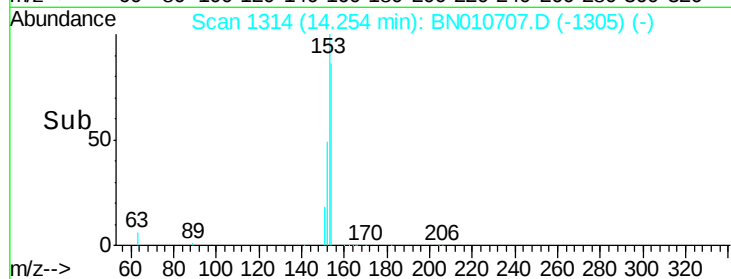
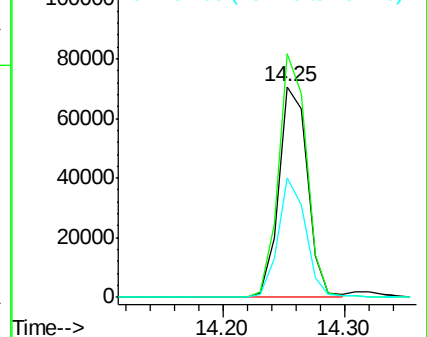
152 54.5 45.6 68.4



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: 5.30 ng

RT: 15.25 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

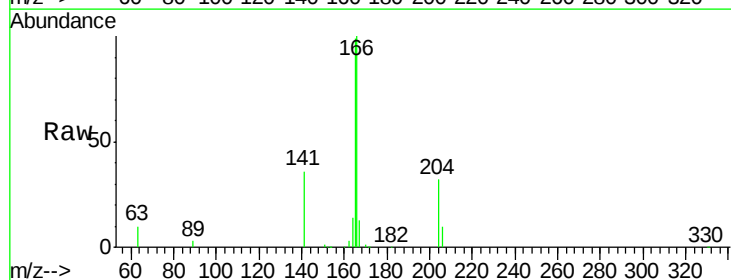
Tgt Ion:166 Resp: 151782

Ion Ratio Lower Upper

166 100

165 97.1 77.9 116.9

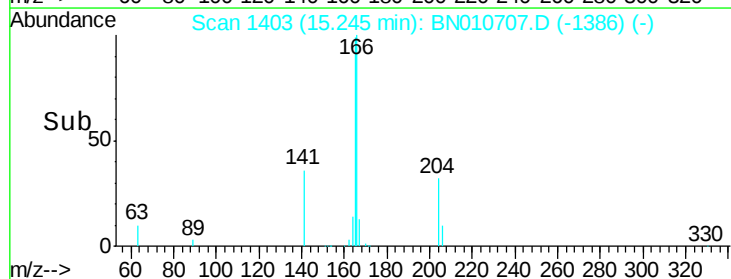
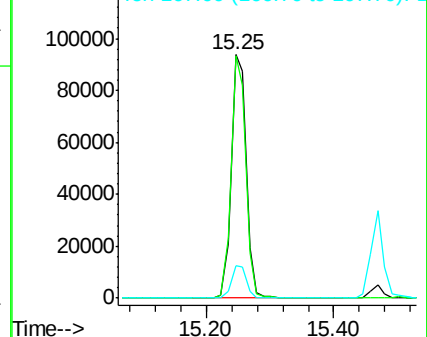
167 13.5 11.0 16.4

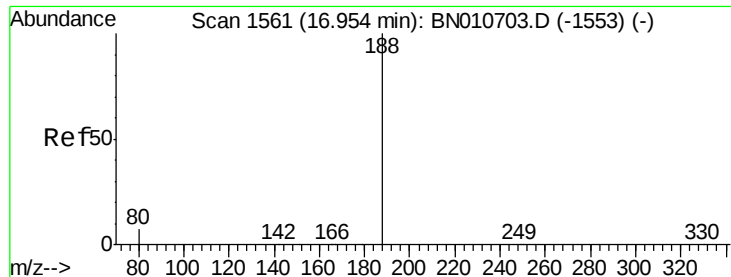


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.94 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

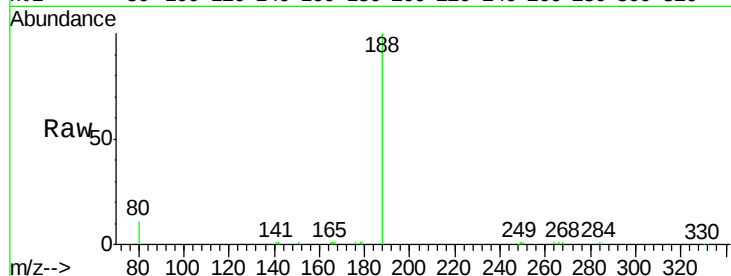
Tgt Ion:188 Resp: 16809

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

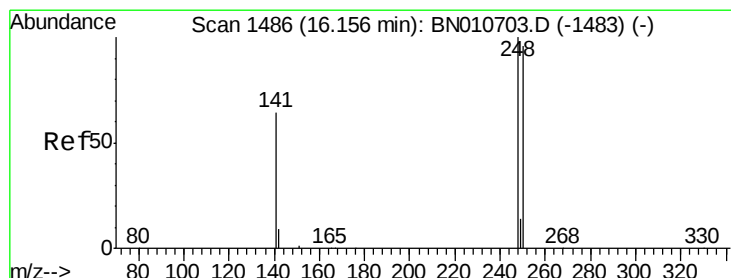
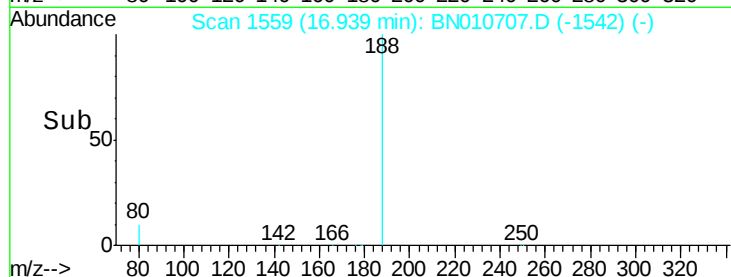
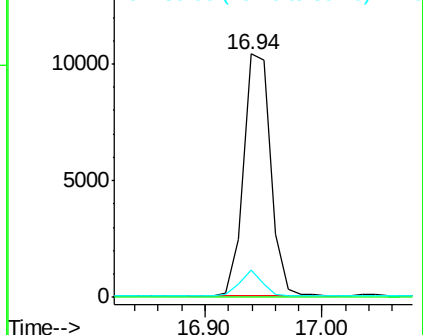
80 11.0 6.3 9.5#



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: 5.57 ng

RT: 16.14 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

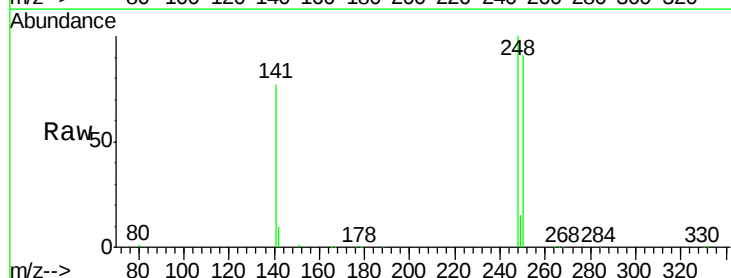
Tgt Ion:248 Resp: 52021

Ion Ratio Lower Upper

248 100

250 91.3 77.4 116.0

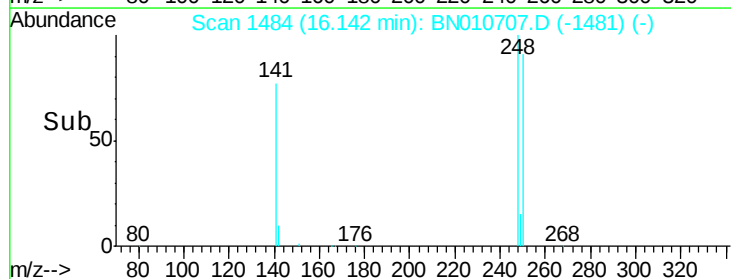
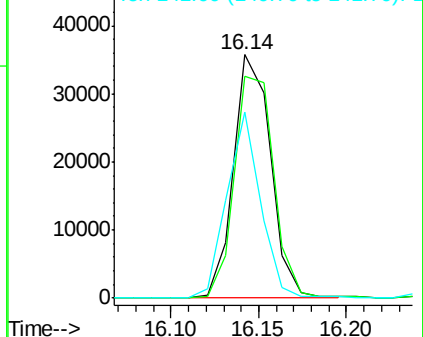
141 76.7 53.1 79.7

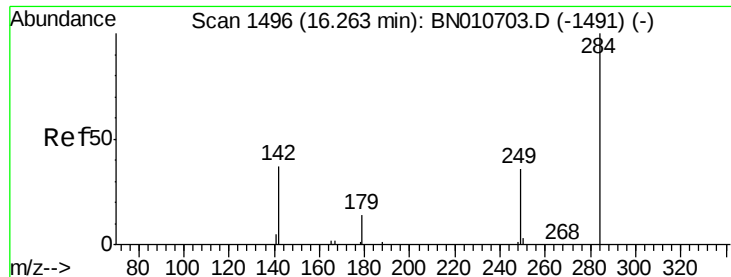


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.10 ng

RT: 16.26 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

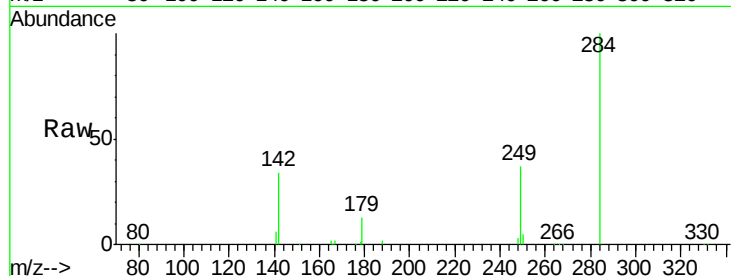
Tgt Ion:284 Resp: 54376

Ion Ratio Lower Upper

284 100

142 34.1 28.2 42.2

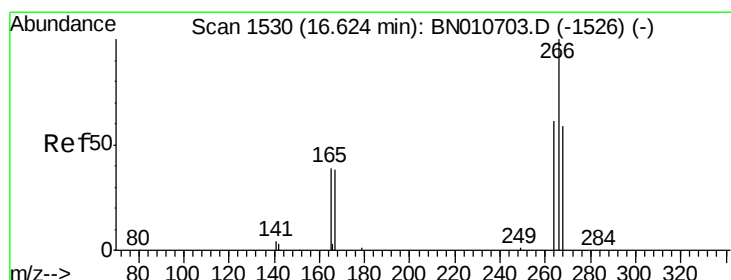
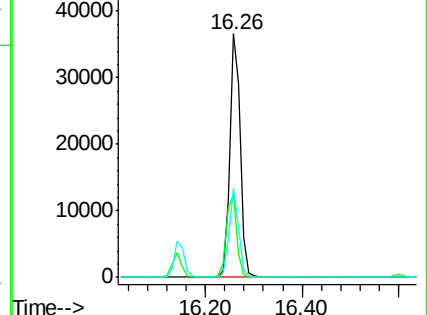
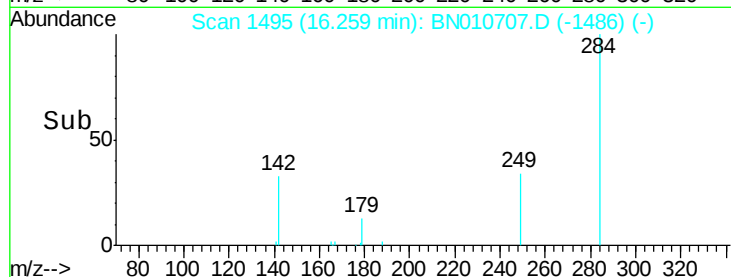
249 33.4 26.4 39.6



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: 5.10 ng

RT: 16.61 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

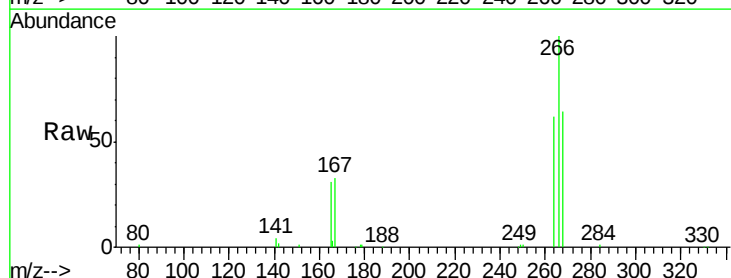
Tgt Ion:266 Resp: 21403

Ion Ratio Lower Upper

266 100

264 61.8 51.1 76.7

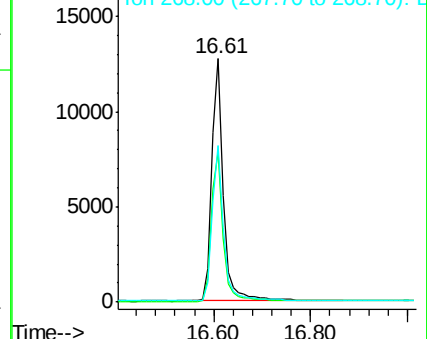
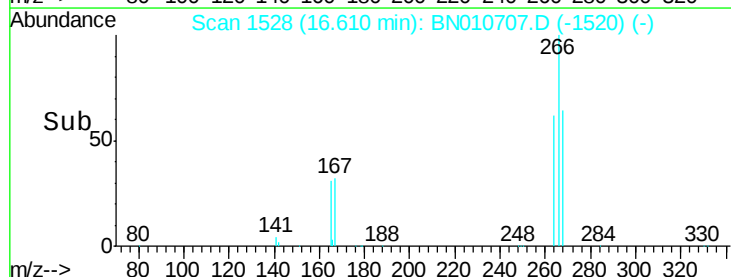
268 64.4 52.1 78.1

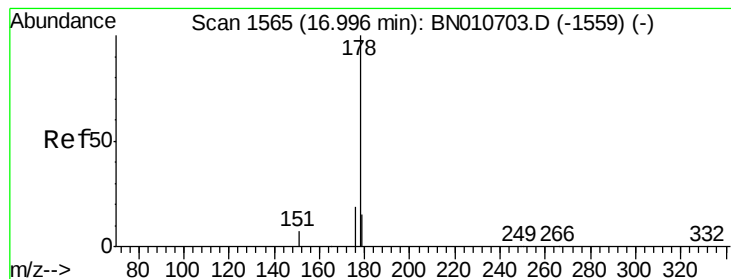


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.34 ng

RT: 16.98 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

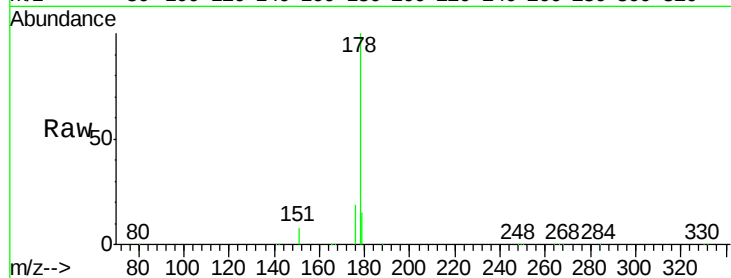
Tgt Ion:178 Resp: 242398

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

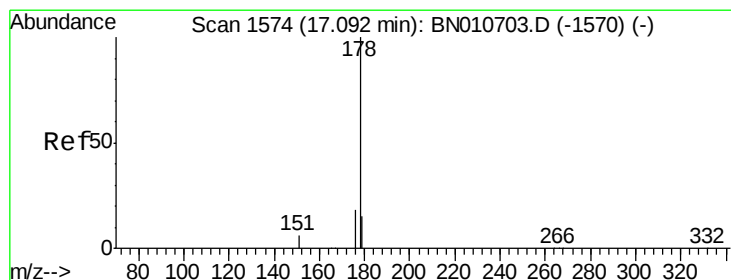
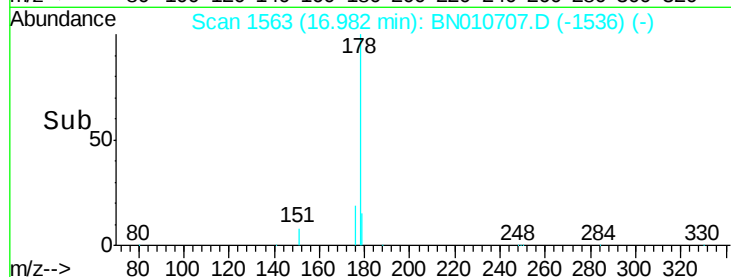
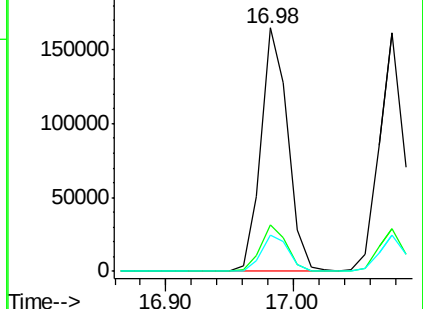
179 15.3 12.2 18.4



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: 5.40 ng

RT: 17.08 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

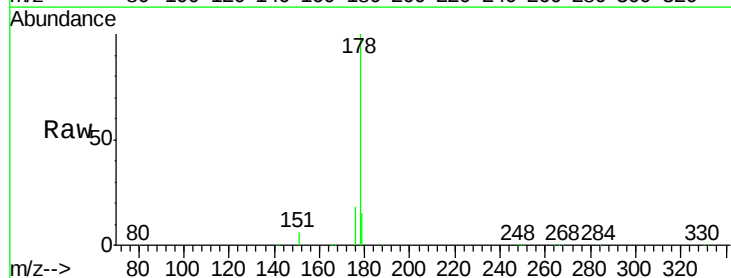
Tgt Ion:178 Resp: 224157

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

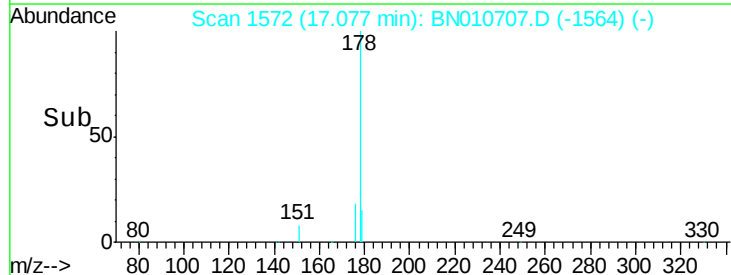
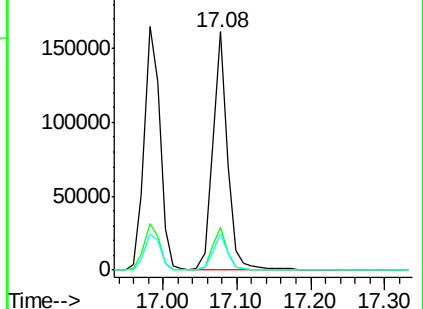
179 15.3 12.3 18.5

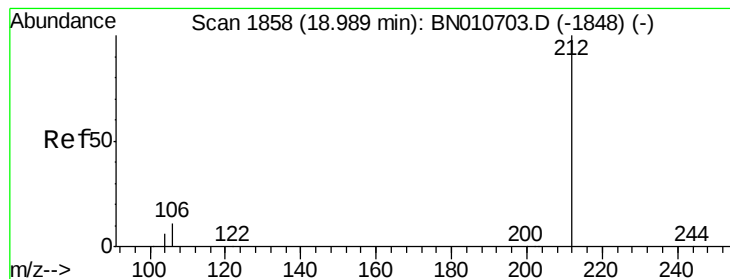


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.01 ng

RT: 18.98 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

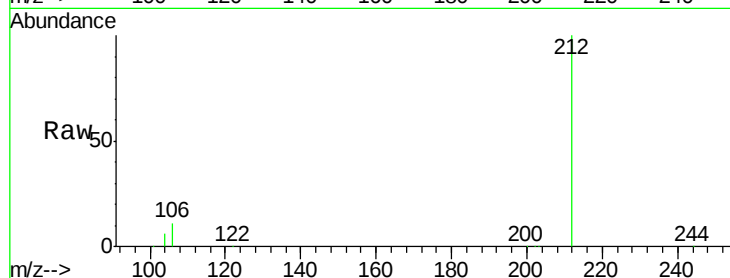
Tgt Ion:212 Resp: 255337

Ion Ratio Lower Upper

212 100

106 10.3 8.2 12.2

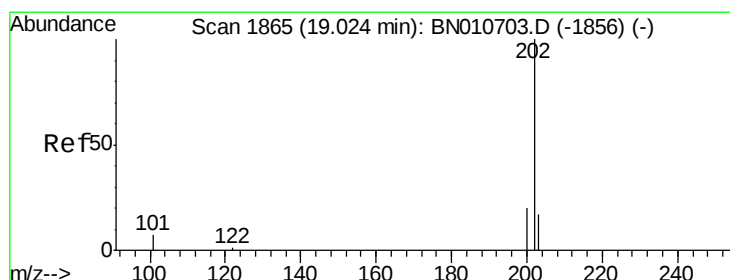
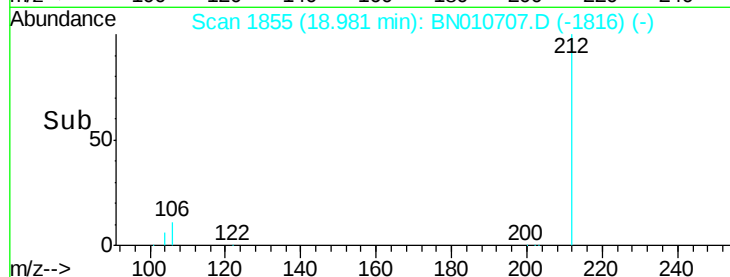
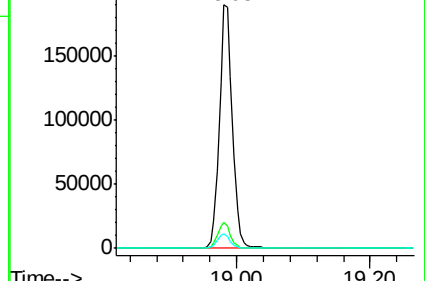
104 5.9 4.7 7.1



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: 5.03 ng

RT: 19.02 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

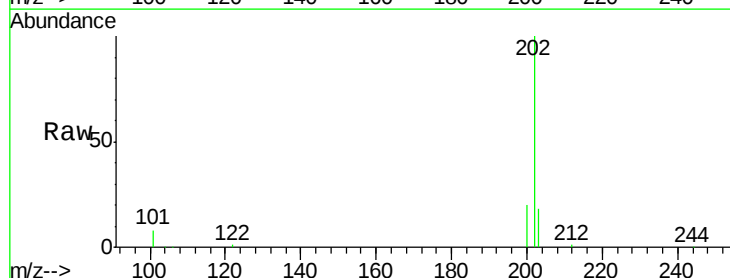
Tgt Ion:202 Resp: 284326

Ion Ratio Lower Upper

202 100

101 9.0 6.7 10.1

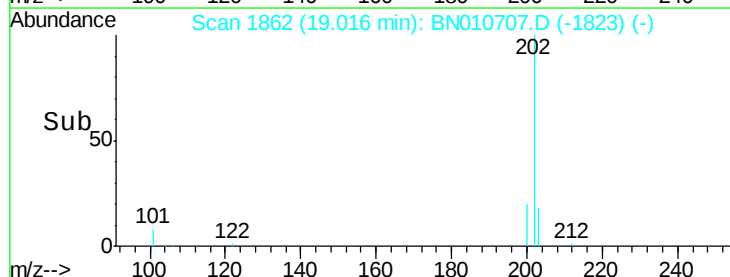
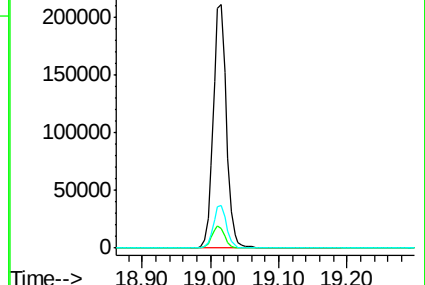
203 17.4 13.4 20.0

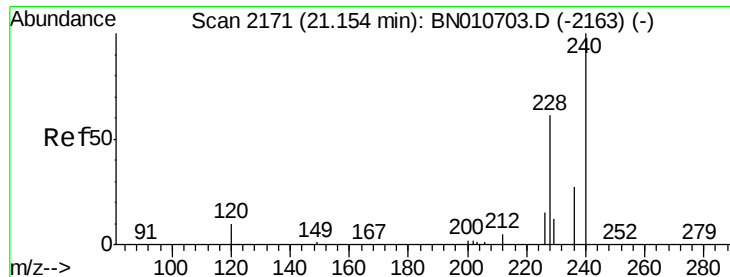


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

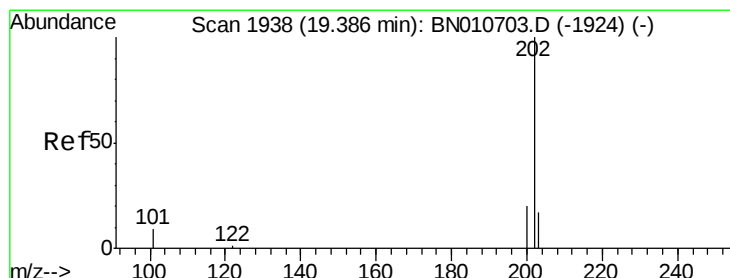
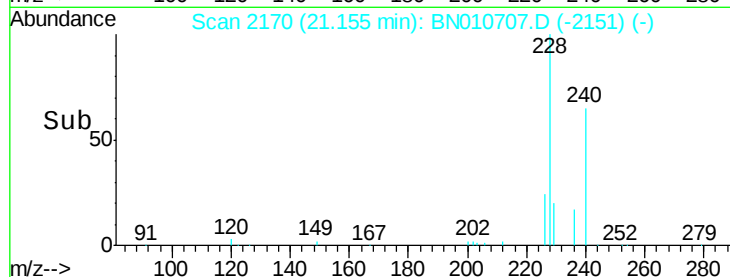
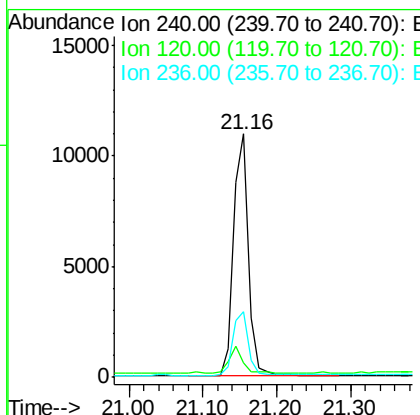
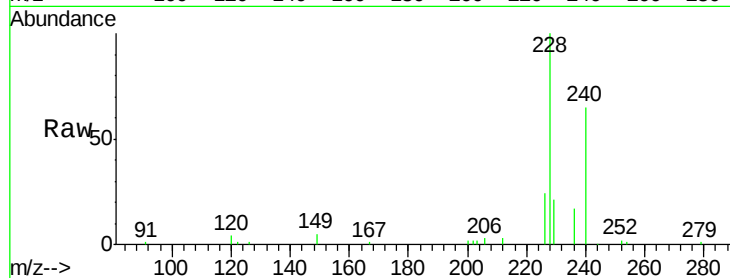




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.16 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: BN010707.D
 Acq: 13 May 2020 13:46

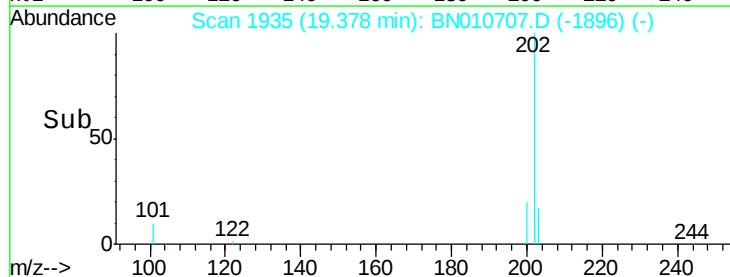
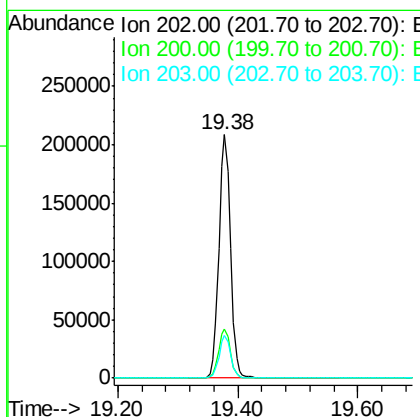
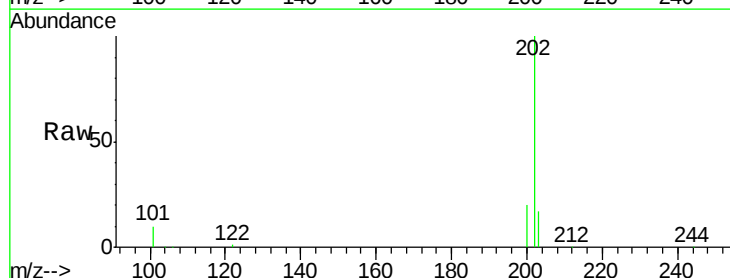
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

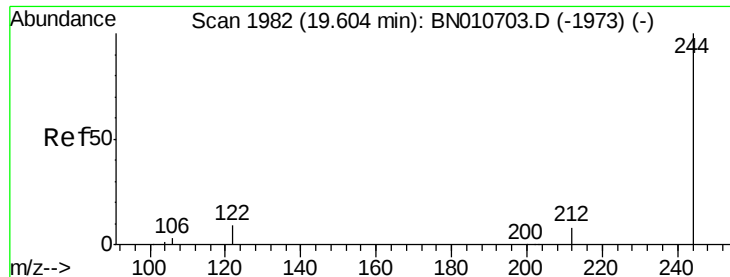
Tgt Ion: 240 Resp: 15646
 Ion Ratio Lower Upper
 240 100
 120 6.0 9.5 14.3#
 236 26.9 22.5 33.7



#28
 Pyrene
 Concen: 5.32 ng
 RT: 19.38 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BN010707.D
 Acq: 13 May 2020 13:46

Tgt Ion: 202 Resp: 280114
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.2 24.4
 203 17.5 14.1 21.1

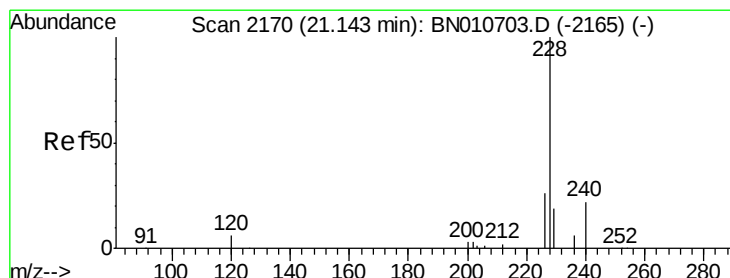
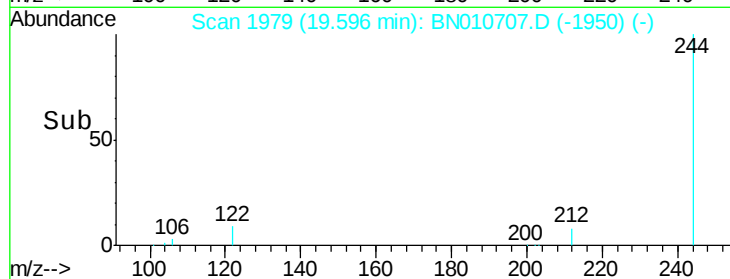
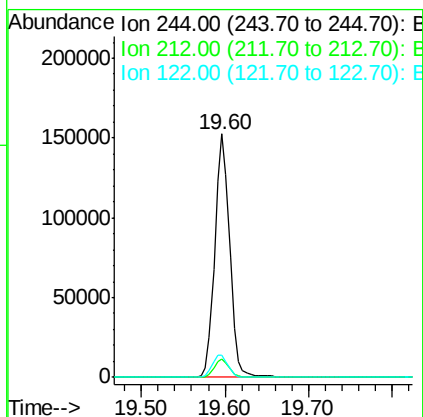
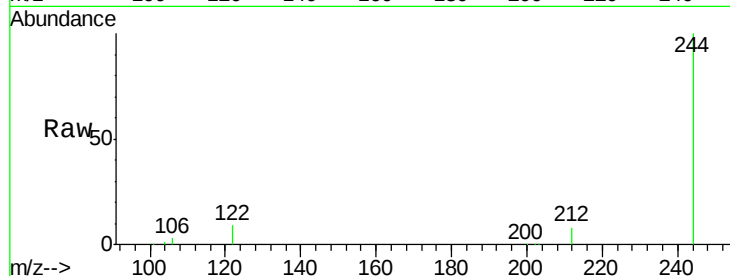




#29
 Terphenyl-d14
 Concen: 5.30 ng
 RT: 19.60 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BN010707.D
 Acq: 13 May 2020 13:46

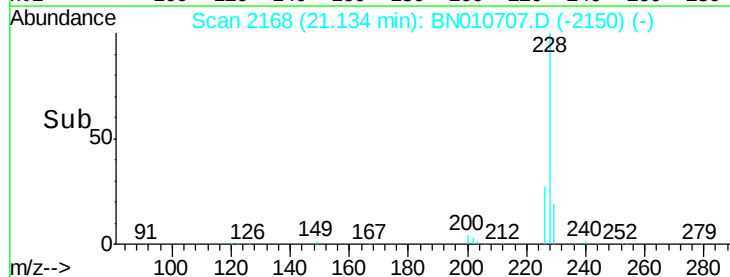
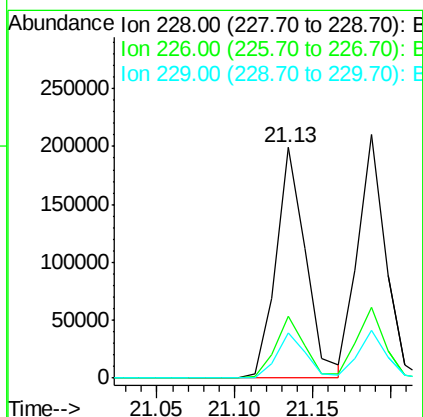
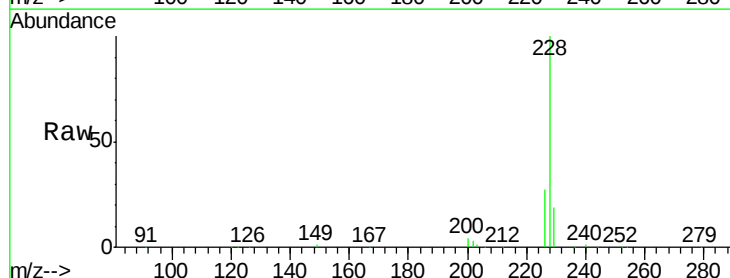
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

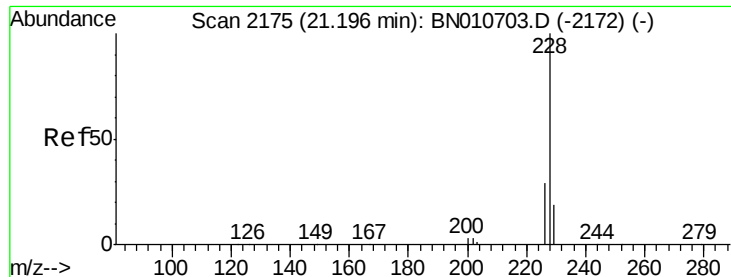
Tgt Ion: 244 Resp: 189710
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.8 10.2
 122 9.3 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 5.15 ng
 RT: 21.13 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BN010707.D
 Acq: 13 May 2020 13:46

Tgt Ion: 228 Resp: 262738
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.3 31.9
 229 19.4 16.0 24.0





#31

Chrysene

Concen: 5.11 ng

RT: 21.19 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

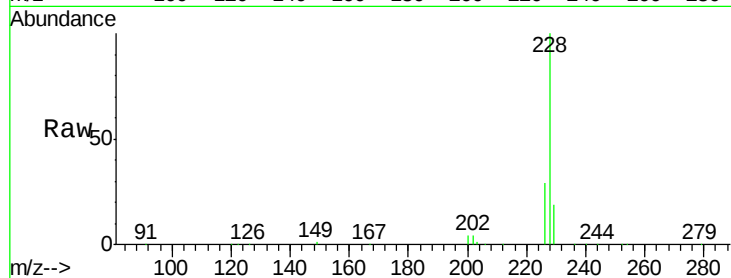
Tgt Ion: 228 Resp: 259889

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

229 19.5 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

250000

200000

150000

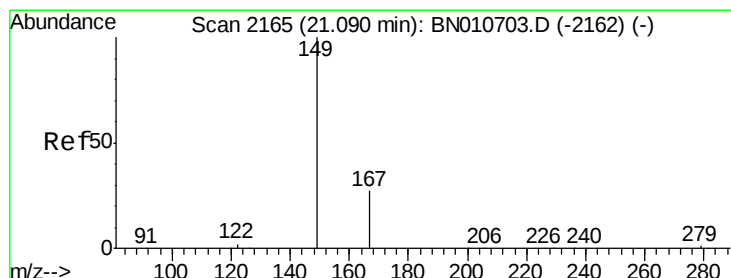
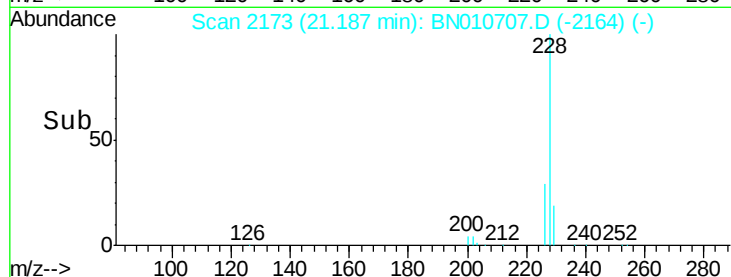
100000

50000

0

21.19

Time--> 21.10 21.20 21.30



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.57 ng

RT: 21.09 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

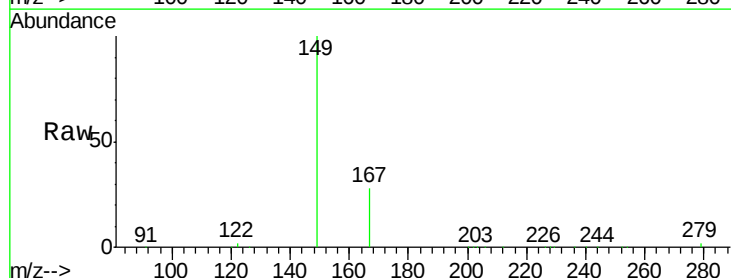
Tgt Ion: 149 Resp: 119582

Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 4.6 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

150000

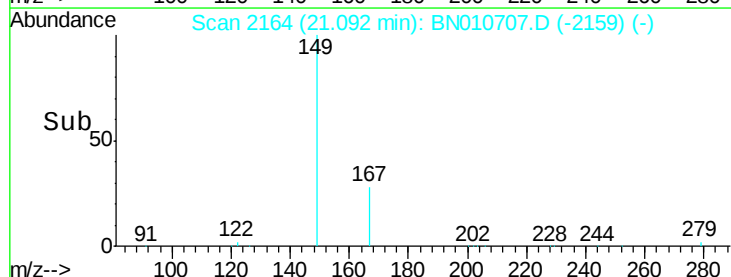
100000

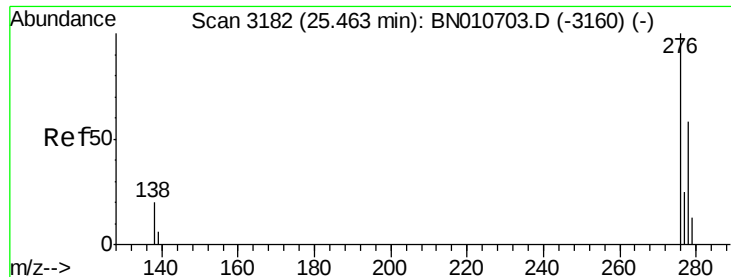
50000

0

21.09

Time--> 21.05 21.10 21.15





#33

Indeno(1,2,3-cd)pyrene

Concen: 5.44 ng

RT: 25.45 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

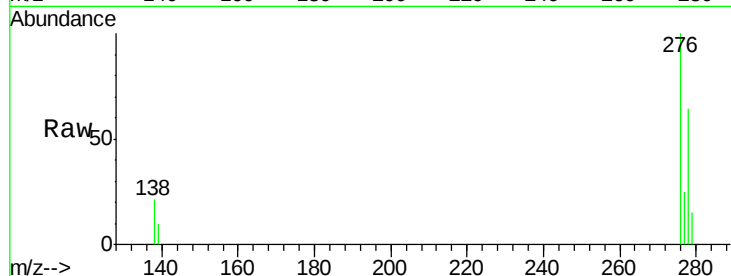
Tgt Ion:276 Resp: 244637

Ion Ratio Lower Upper

276 100

138 21.4 15.1 22.7

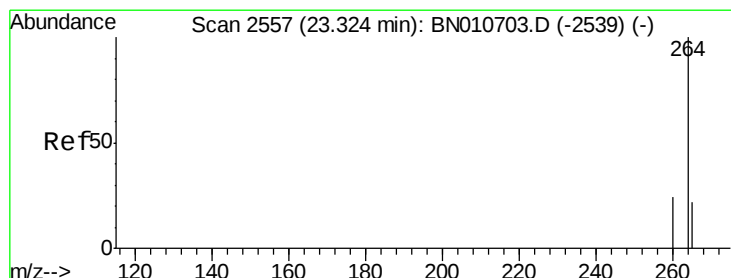
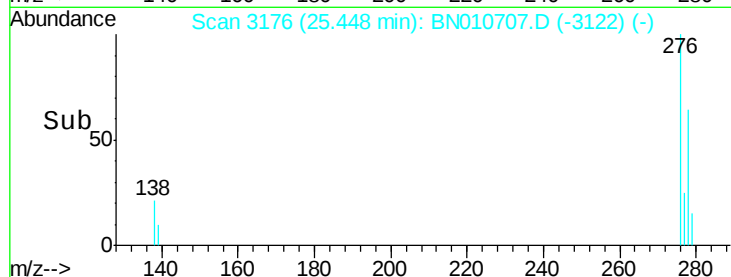
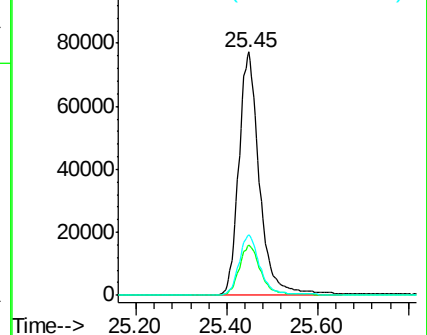
277 25.0 19.4 29.0



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: 0.40 ng

RT: 23.32 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

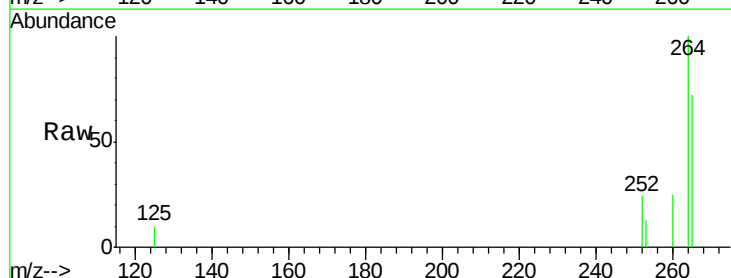
Tgt Ion:264 Resp: 13877

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

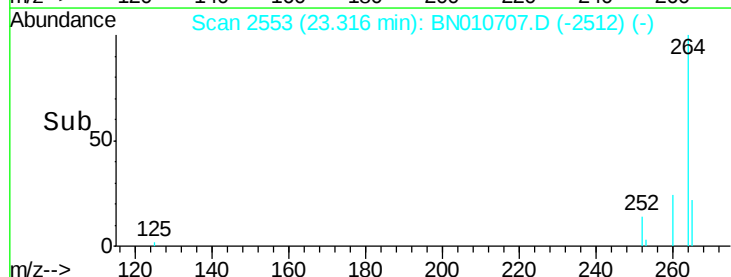
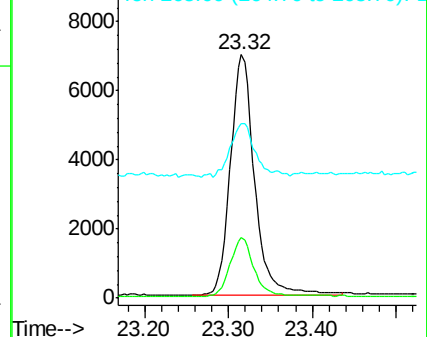
265 71.7 70.1 105.1

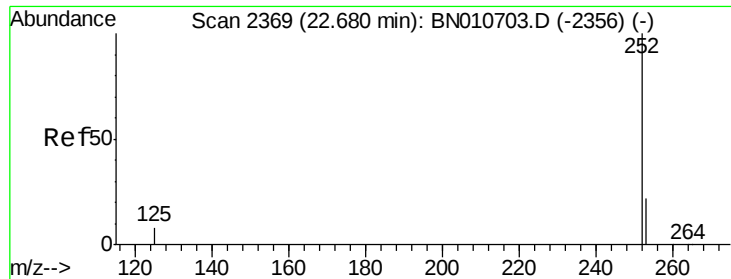


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

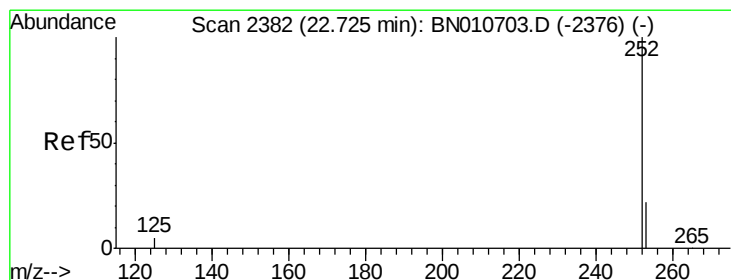
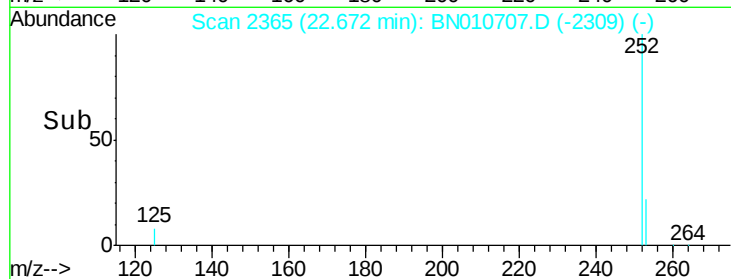
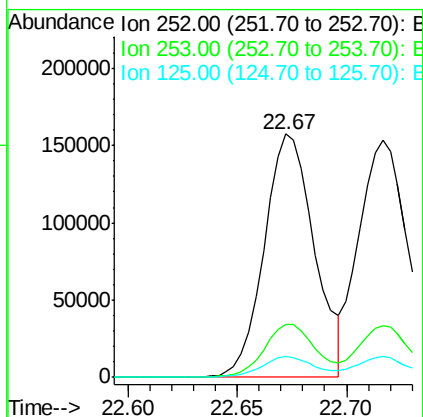
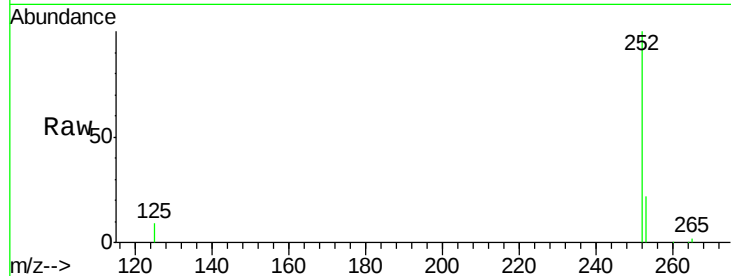




#35
Benzo(b)fluoranthene
Concen: 5.46 ng
RT: 22.67 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BN010707.D
Acq: 13 May 2020 13:46

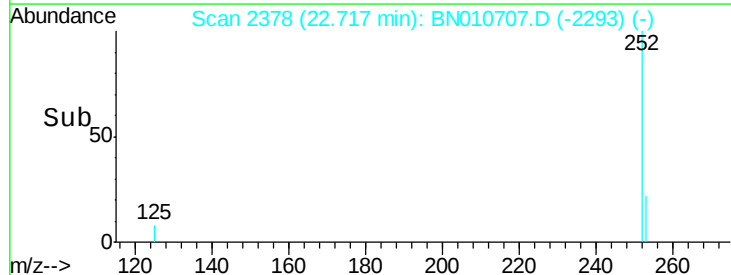
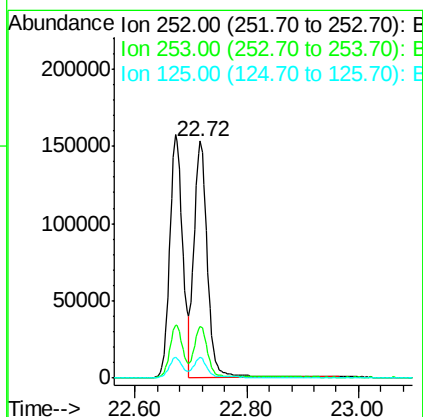
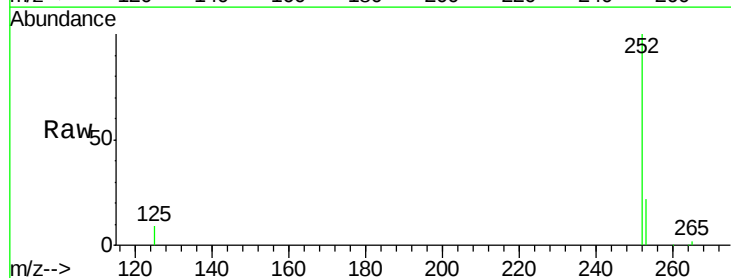
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

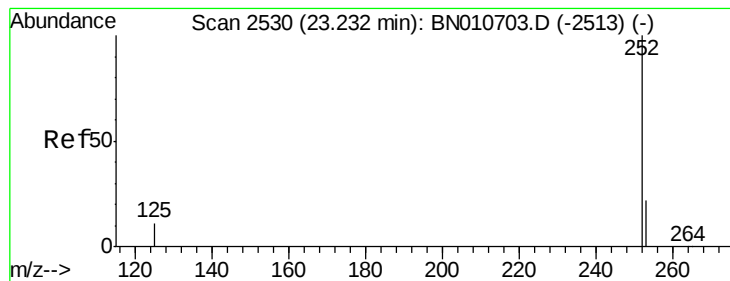
Tgt Ion:252 Resp: 249550
Ion Ratio Lower Upper
252 100
253 22.0 22.0 33.0#
125 8.7 10.8 16.2#



#36
Benzo(k)fluoranthene
Concen: 5.46 ng
RT: 22.72 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010707.D
Acq: 13 May 2020 13:46

Tgt Ion:252 Resp: 249891
Ion Ratio Lower Upper
252 100
253 21.9 21.9 32.9#
125 8.7 11.1 16.7#





#37

Benzo(a)pyrene

Concen: 5.33 ng

RT: 23.22 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

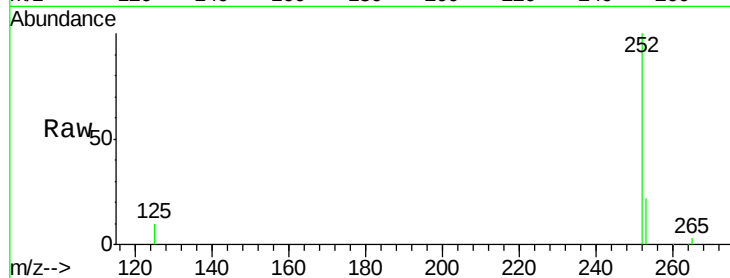
Tgt Ion:252 Resp: 215729

Ion Ratio Lower Upper

252 100

253 22.4 24.8 37.2#

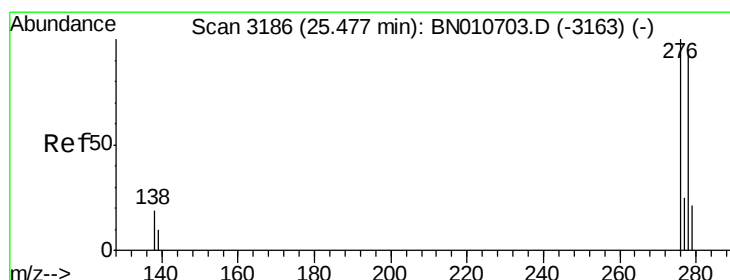
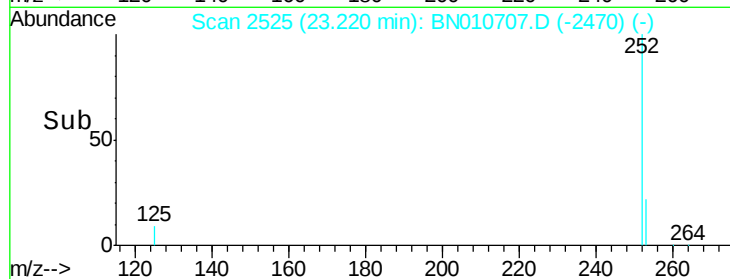
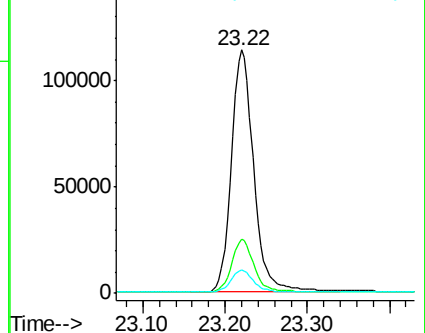
125 9.6 15.8 23.6#



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: 5.23 ng

RT: 25.46 min Scan# 3180

Delta R.T. -0.02 min

Lab File: BN010707.D

Acq: 13 May 2020 13:46

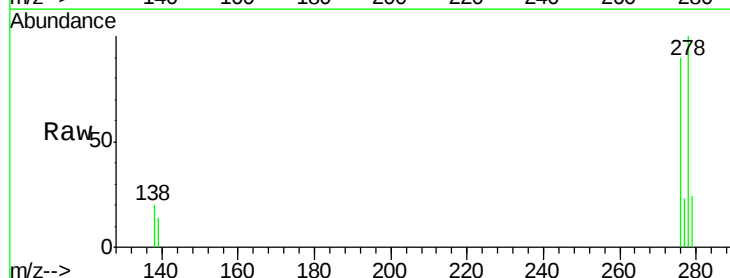
Tgt Ion:278 Resp: 193208

Ion Ratio Lower Upper

278 100

139 13.7 13.0 19.4

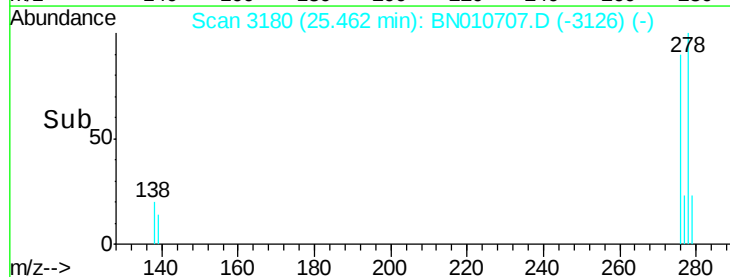
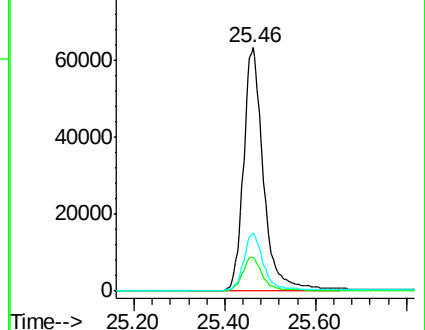
279 23.6 25.1 37.7#

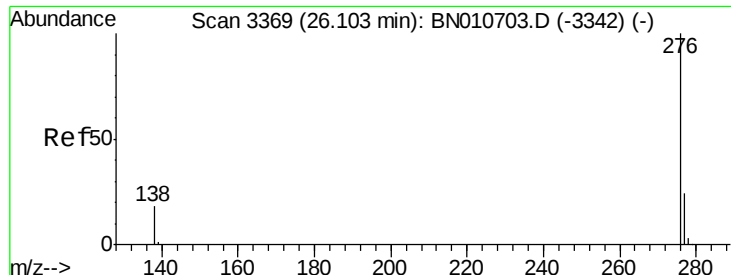


Abundance Ion 278.00 (277.70 to 278.70): E

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: 5.51 ng

RT: 26.09 min Scan# 3363

Delta R.T. -0.02 min

Lab File: BN010707.D

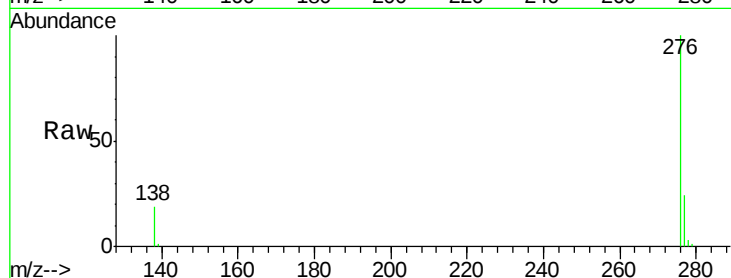
Acq: 13 May 2020 13:46

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0



Tgt Ion: 276 Resp: 204919

Ion Ratio Lower Upper

276 100

277 23.7 20.6 30.8

138 18.5 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

