

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
 Data File : BN010700.D
 Acq On : 13 May 2020 09:34
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 13 13:24:43 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	3370	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	13019	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	7760	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	15916	0.40	ng	0.00
27) Chrysene-d12	21.15	240	13878	0.40	ng	0.00
34) Perylene-d12	23.32	264	12224	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	2796	0.38	ng	0.00
5) Phenol-d6	6.77	99	3469	0.36	ng	0.00
8) Nitrobenzene-d5	8.71	82	3910	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.92	152	8478	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1048	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	13179	0.47	ng	0.00
25) Fluoranthene-d10	18.99	212	17535	0.36	ng	0.00
29) Terphenyl-d14	19.60	244	15517	0.49	ng	0.00

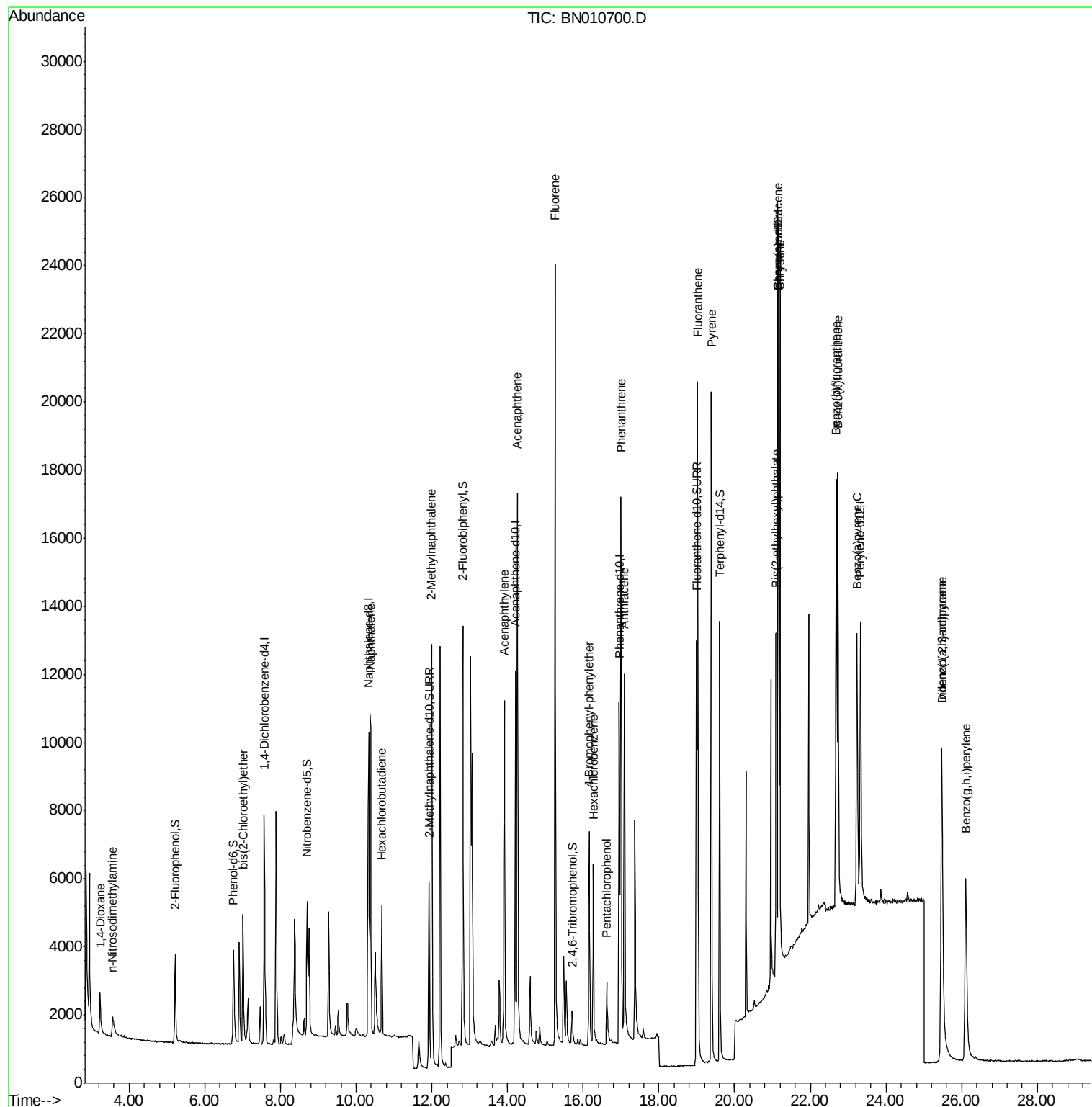
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1298	0.52	ng	99
3) n-Nitrosodimethylamine	3.56	42	711	0.44	ng	# 1
6) bis(2-Chloroethyl)ether	7.01	93	3776	0.45	ng	99
9) Naphthalene	10.37	128	14082	0.44	ng	99
10) Hexachlorobutadiene	10.67	225	3165	0.41	ng	# 100
12) 2-Methylnaphthalene	12.00	142	9967	0.43	ng	99
16) Acenaphthylene	13.91	152	13250	0.40	ng	100
17) Acenaphthene	14.26	154	9311	0.43	ng	99
18) Fluorene	15.26	166	11697	0.41	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	3596	0.41	ng	97
21) Hexachlorobenzene	16.26	284	4602	0.46	ng	98
22) Pentachlorophenol	16.62	266	1517	0.38	ng	99
23) Phenanthrene	17.00	178	18633	0.43	ng	100
24) Anthracene	17.08	178	15262	0.39	ng	100
26) Fluoranthene	19.02	202	20856	0.39	ng	99
28) Pyrene	19.38	202	20833	0.45	ng	99
30) Benzo(a)anthracene	21.14	228	16827	0.37	ng	99
31) Chrysene	21.20	228	19507	0.43	ng	100
32) Bis(2-ethylhexyl)phthalate	21.10	149	7341	0.32	ng	98
33) Indeno(1,2,3-cd)pyrene	25.47	276	14935	0.37	ng	99
35) Benzo(b)fluoranthene	22.68	252	16925	0.42	ng	98
36) Benzo(k)fluoranthene	22.72	252	18730	0.46	ng	99
37) Benzo(a)pyrene	23.23	252	14725	0.41	ng	97
38) Dibenzo(a,h)anthracene	25.48	278	11462	0.35	ng	99
39) Benzo(g,h,i)perylene	26.11	276	14171	0.43	ng	99

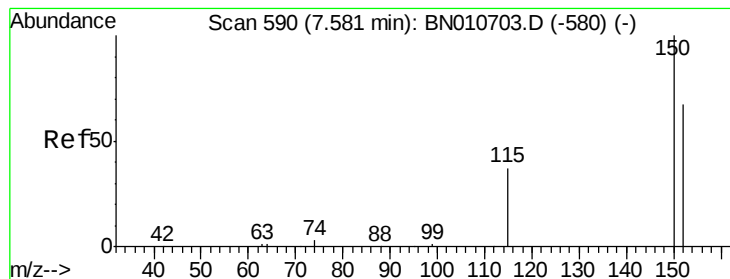
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 13 13:23:01 2020
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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: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

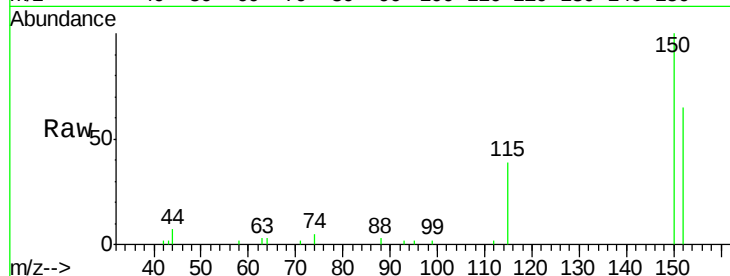
Tgt Ion:152 Resp: 3370

Ion Ratio Lower Upper

152 100

150 153.1 119.4 179.0

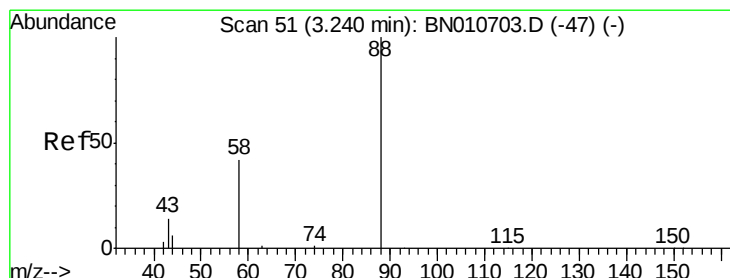
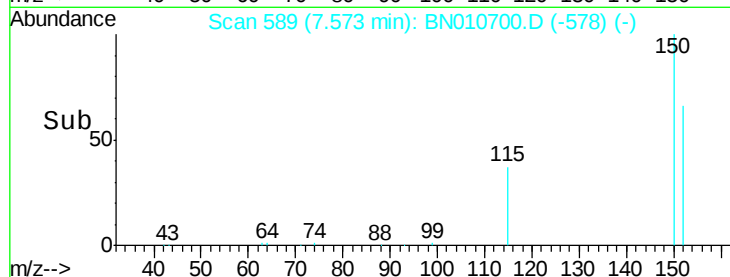
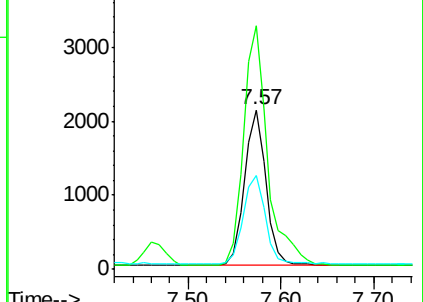
115 59.0 45.9 68.9



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: 0.52 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

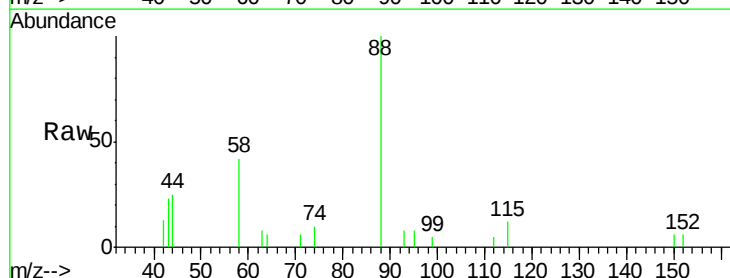
Tgt Ion: 88 Resp: 1298

Ion Ratio Lower Upper

88 100

58 48.8 39.0 58.6

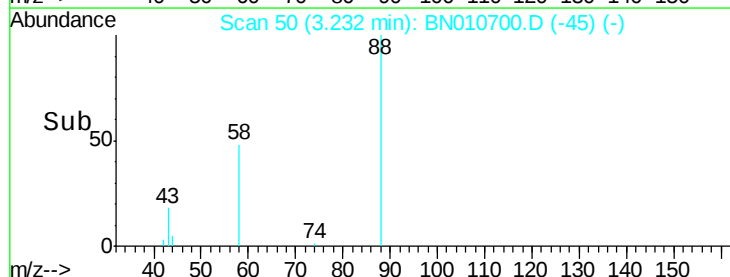
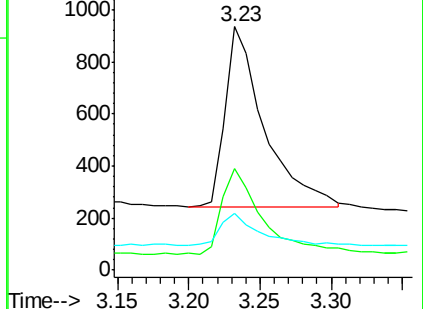
43 18.0 13.1 19.7

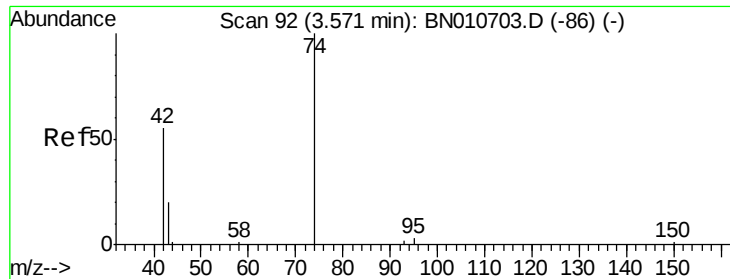


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.44 ng

RT: 3.56 min Scan# 91

Delta R.T. -0.01 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampled :

SSTDCCC0.4

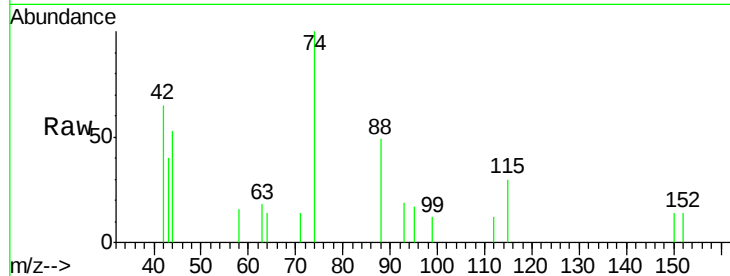
Tgt Ion: 42 Resp: 711

Ion Ratio Lower Upper

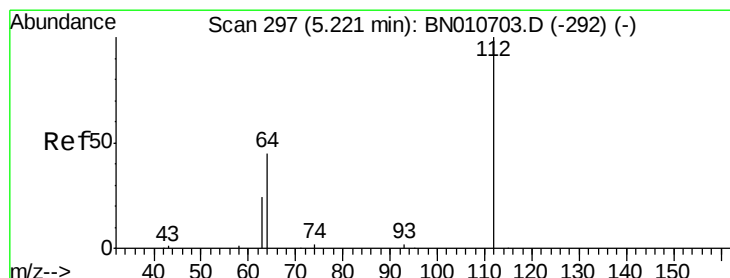
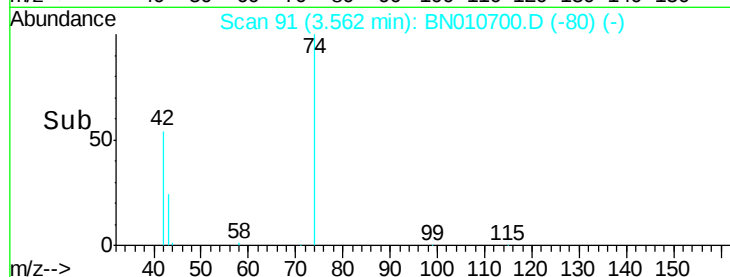
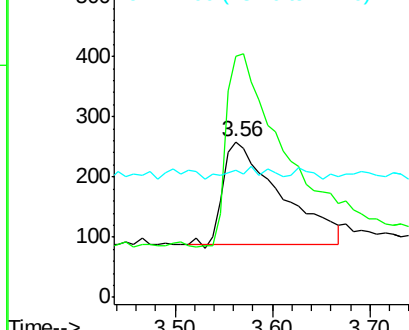
42 100

74 0.0 146.2 219.2#

44 3.1 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: 0.38 ng

RT: 5.21 min Scan# 296

Delta R.T. -0.01 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

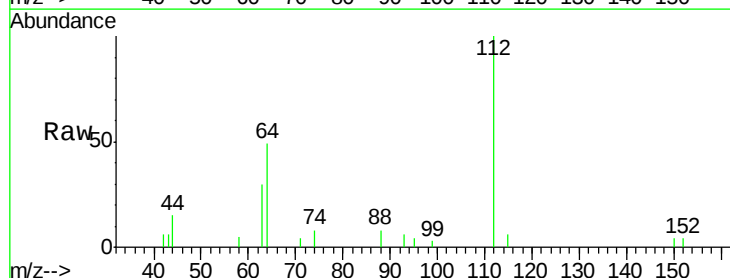
Tgt Ion: 112 Resp: 2796

Ion Ratio Lower Upper

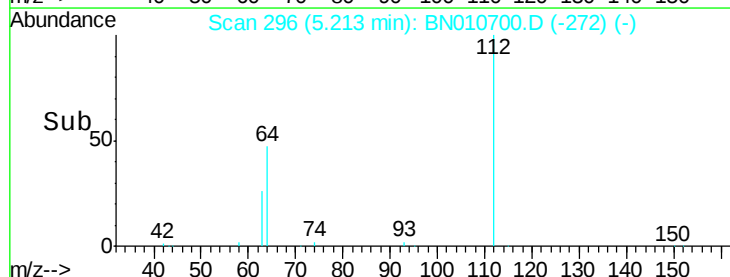
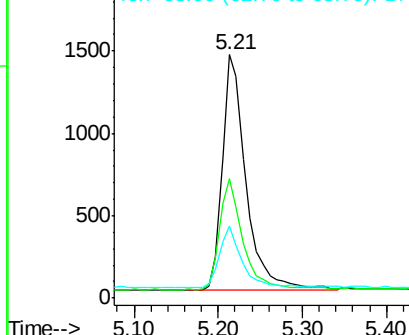
112 100

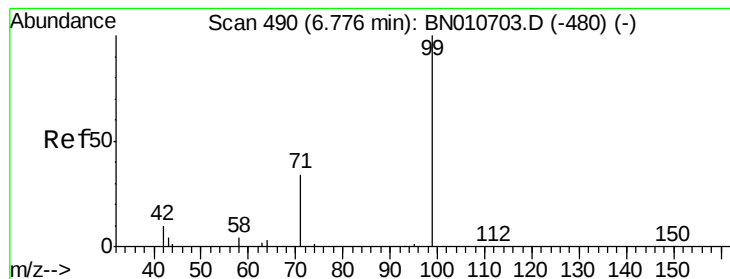
64 47.5 36.2 54.4

63 25.0 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: 0.36 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.01 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

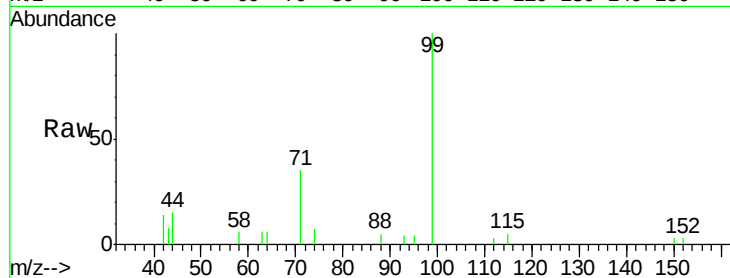
Tgt Ion: 99 Resp: 3469

Ion Ratio Lower Upper

99 100

42 13.0 9.8 14.8

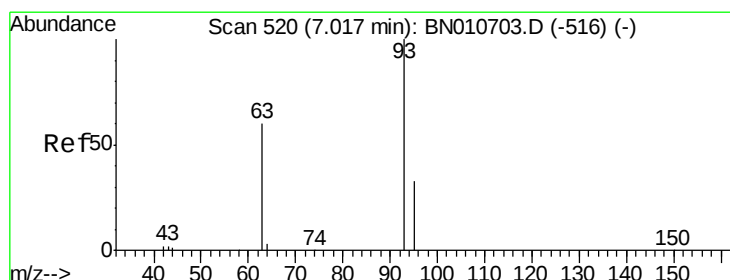
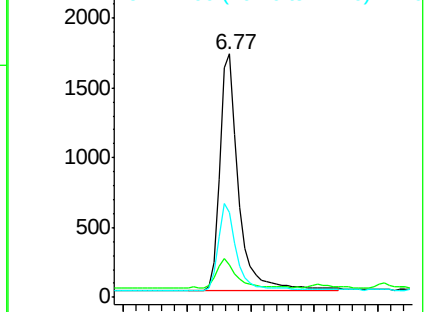
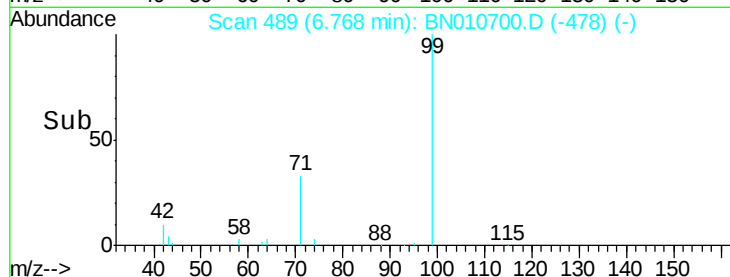
71 35.7 28.6 42.8



Abundance Ion 99.00 (98.70 to 99.70): BN010700.D (-478) (-)

Ion 42.00 (41.70 to 42.70): BN010700.D (-478) (-)

Ion 71.00 (70.70 to 71.70): BN010700.D (-478) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.45 ng

RT: 7.01 min Scan# 519

Delta R.T. -0.01 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

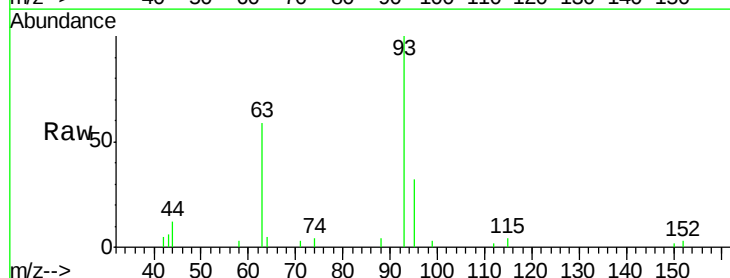
Tgt Ion: 93 Resp: 3776

Ion Ratio Lower Upper

93 100

63 55.0 43.1 64.7

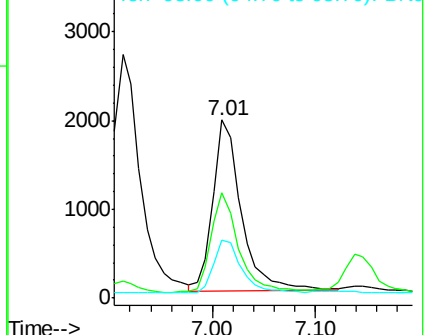
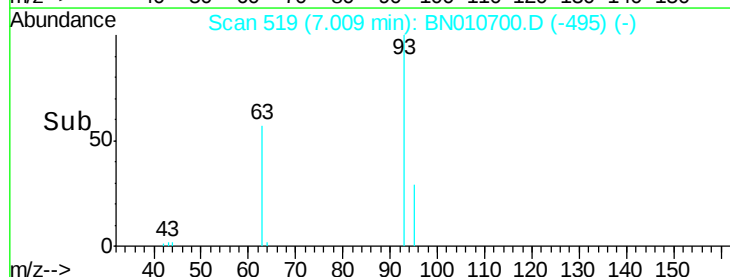
95 30.5 24.6 37.0

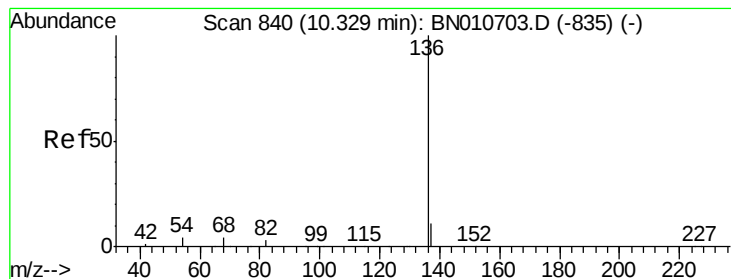


Abundance Ion 93.00 (92.70 to 93.70): BN010700.D (-495) (-)

Ion 63.00 (62.70 to 63.70): BN010700.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BN010700.D (-495) (-)





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 13019

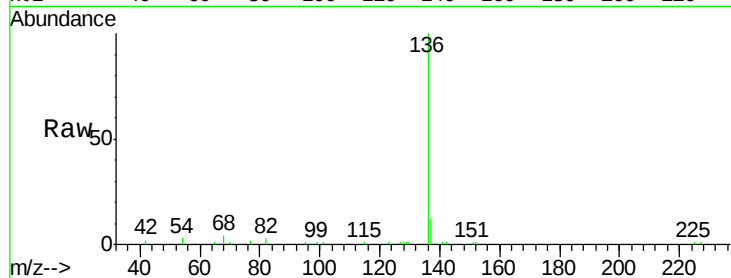
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 3.4 3.6 5.4#

68 4.2 4.1 6.1

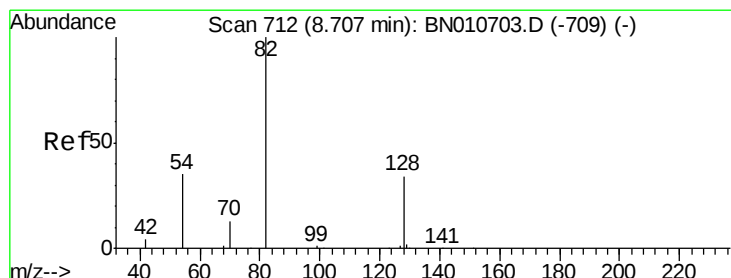
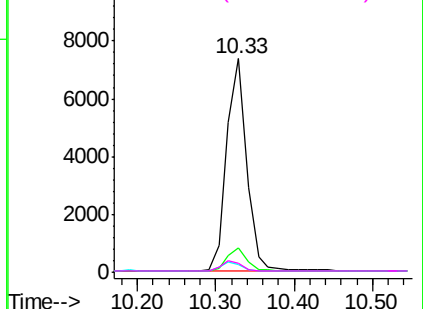
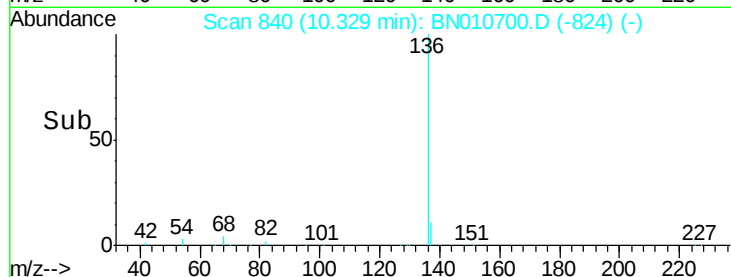


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.43 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

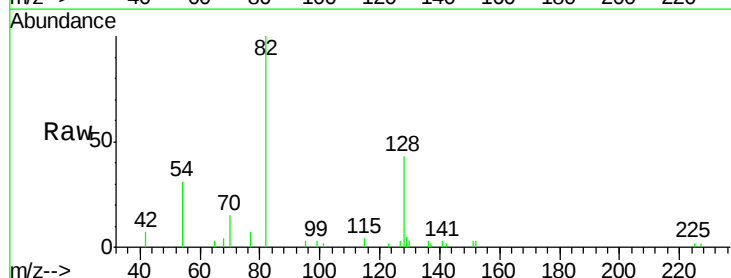
Tgt Ion: 82 Resp: 3910

Ion Ratio Lower Upper

82 100

128 42.6 29.0 43.4

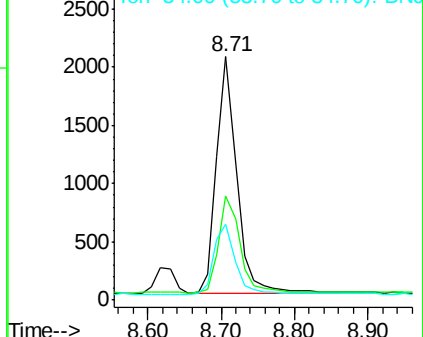
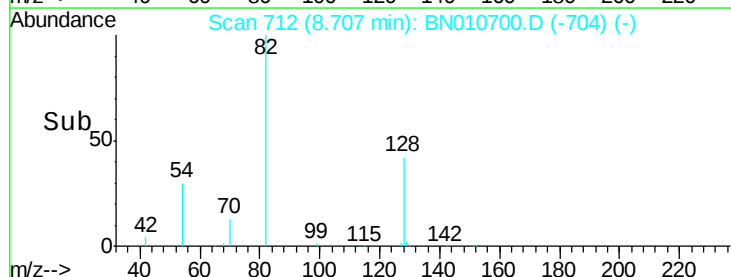
54 31.1 29.3 43.9

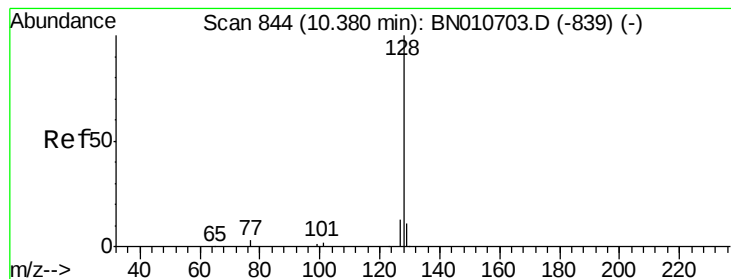


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.44 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

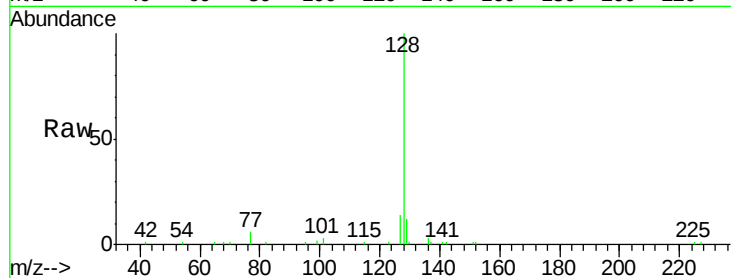
Tgt Ion:128 Resp: 14082

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

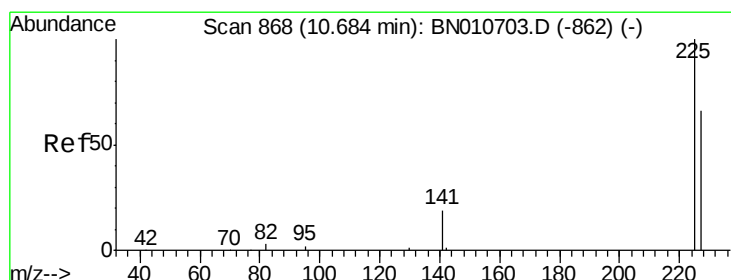
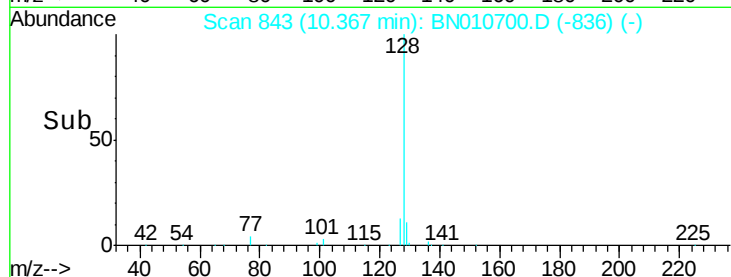
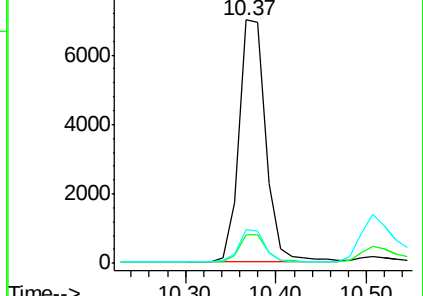
127 14.1 11.0 16.6



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: 0.41 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.01 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

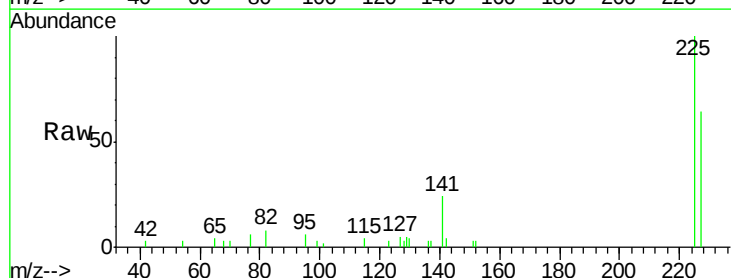
Tgt Ion:225 Resp: 3165

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

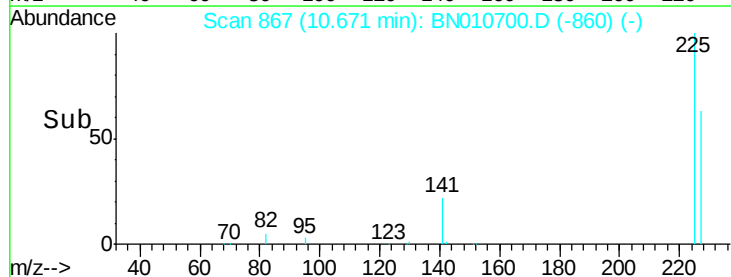
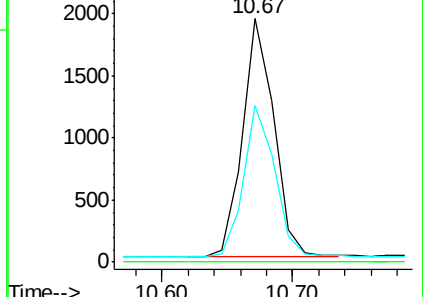
227 63.1 50.7 76.1

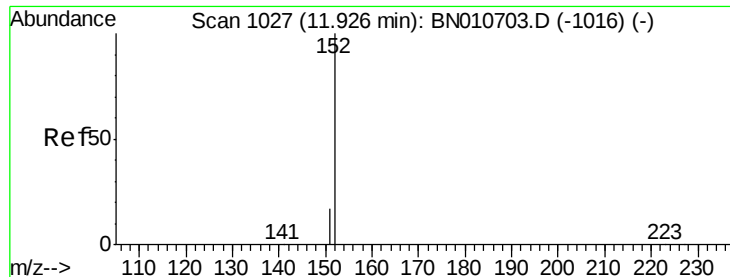


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

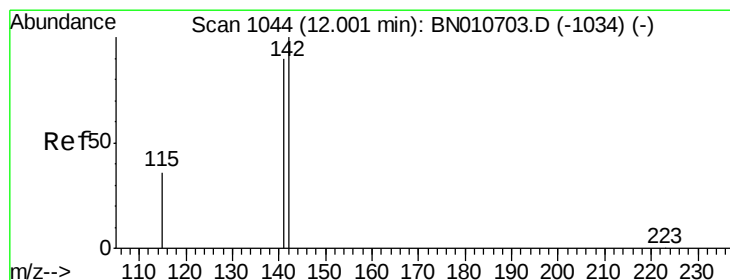
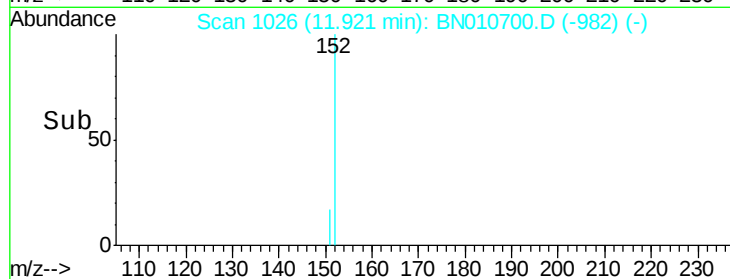
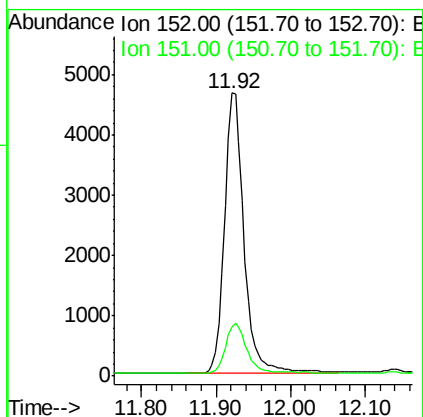
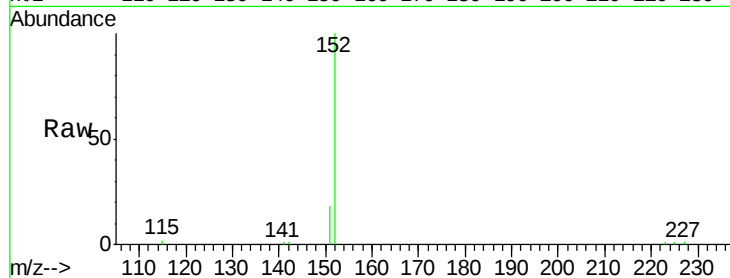




#11
 2-Methylnaphthalene-d10
 Concen: 0.40 ng
 RT: 11.92 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BN010700.D
 Acq: 13 May 2020 09:34

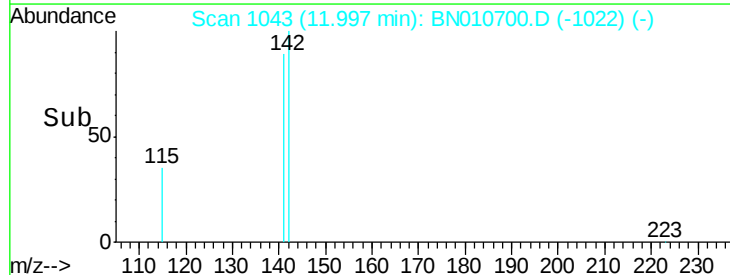
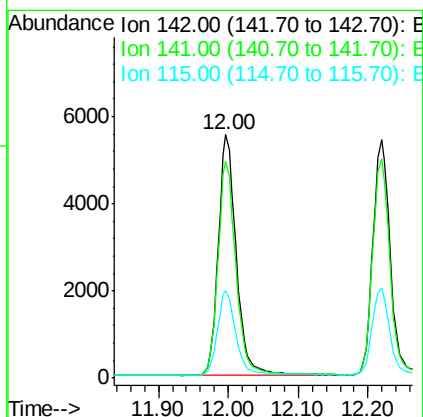
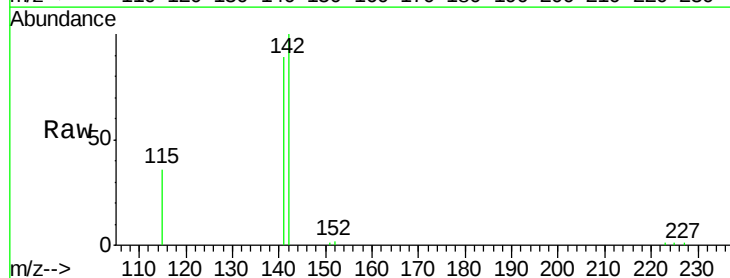
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

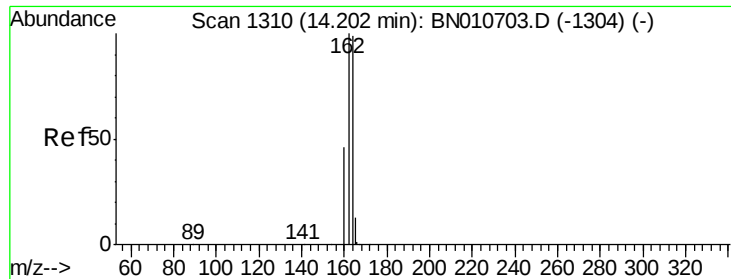
Tgt Ion:152 Resp: 8478
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.43 ng
 RT: 12.00 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BN010700.D
 Acq: 13 May 2020 09:34

Tgt Ion:142 Resp: 9967
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.7 107.5
 115 36.0 29.8 44.6





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.20 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

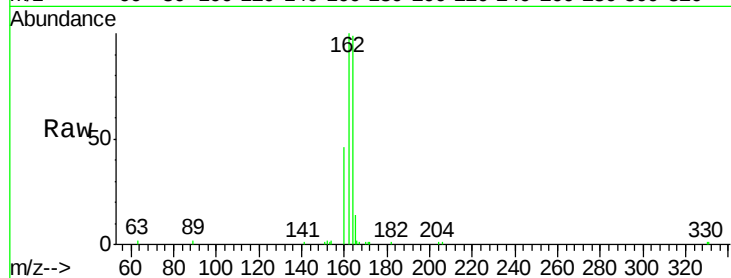
Tgt Ion:164 Resp: 7760

Ion Ratio Lower Upper

164 100

162 100.9 81.1 121.7

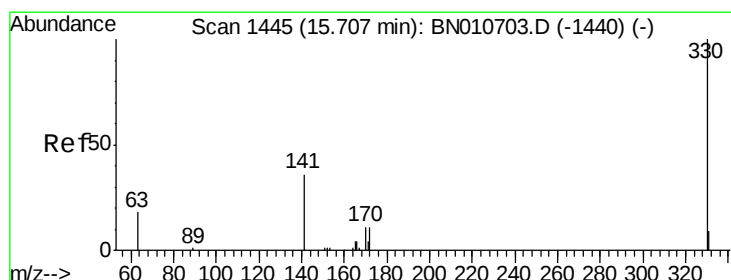
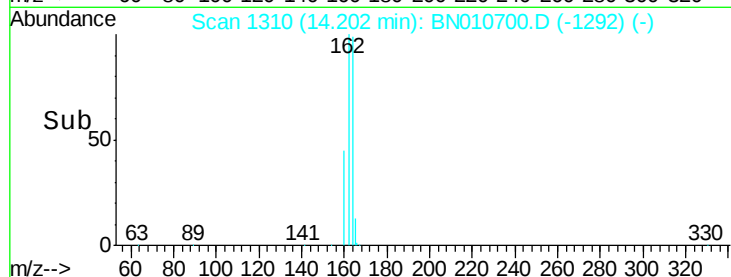
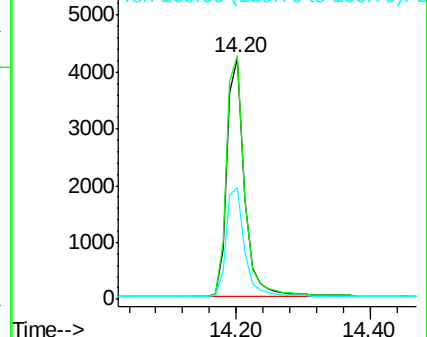
160 46.4 37.9 56.9



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: 0.29 ng

RT: 15.71 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

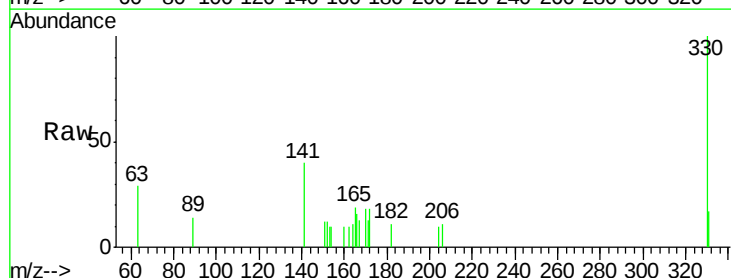
Tgt Ion:330 Resp: 1048

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

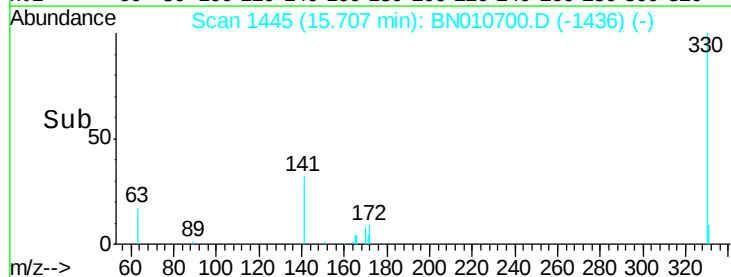
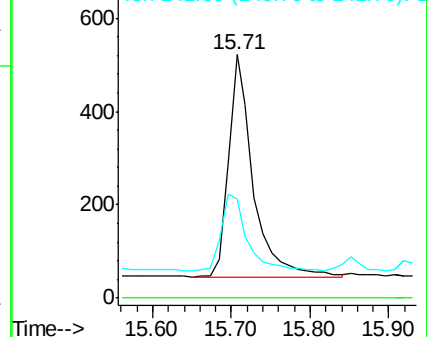
141 36.2 28.8 43.2

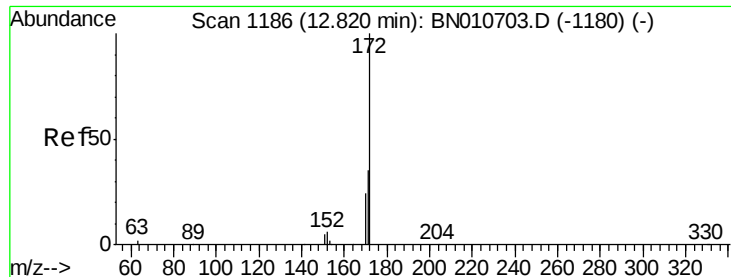


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

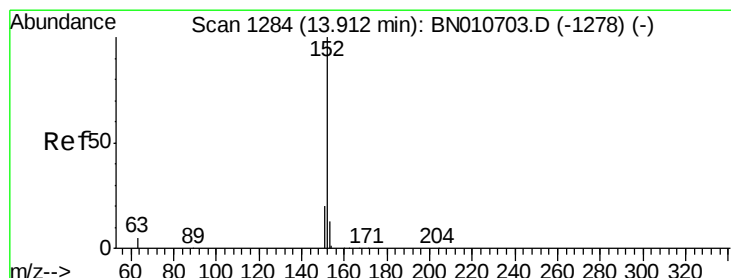
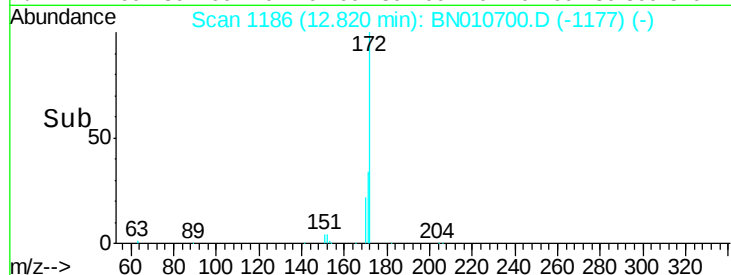
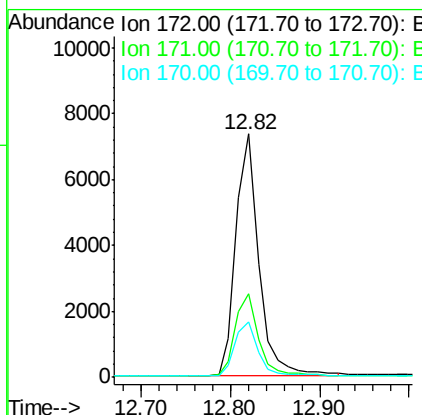
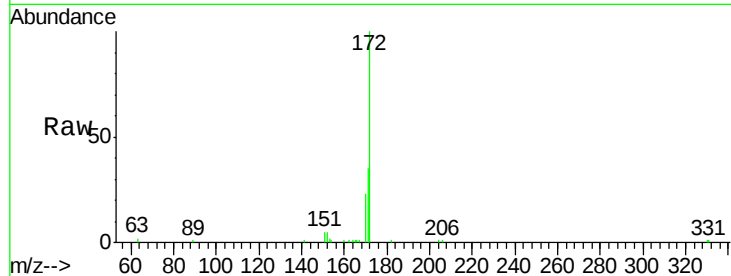




#15
2-Fluorobiphenyl
Concen: 0.47 ng
RT: 12.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

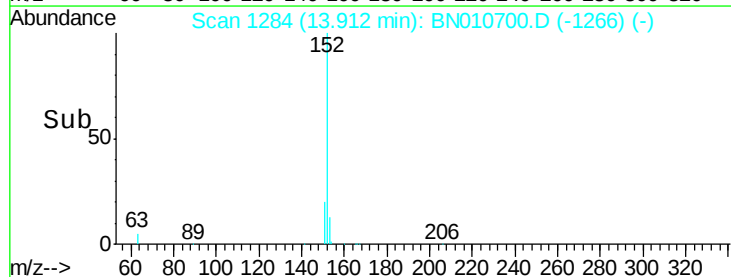
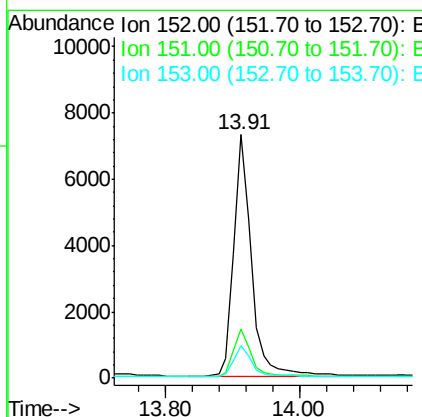
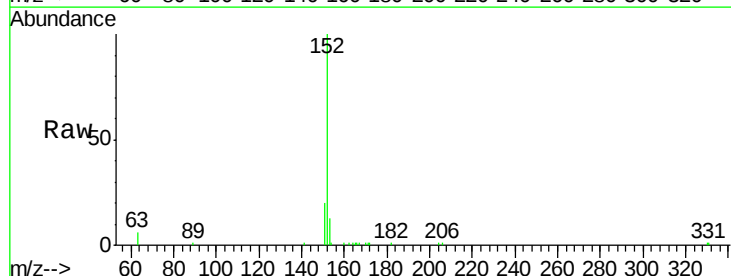
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

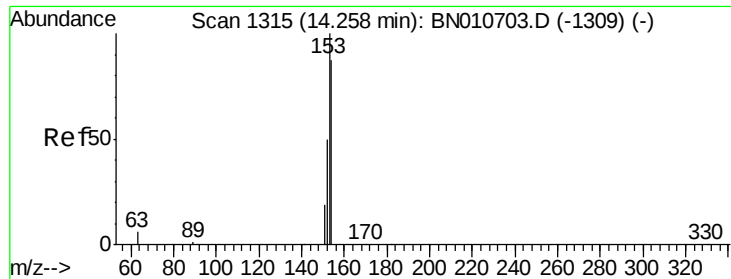
Tgt Ion:172 Resp: 13179
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 22.6 19.8 29.8



#16
Acenaphthylene
Concen: 0.40 ng
RT: 13.91 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:152 Resp: 13250
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.43 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

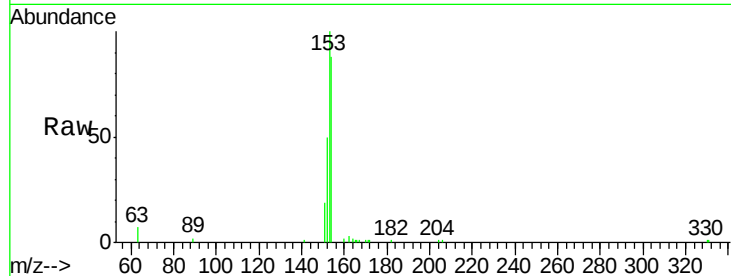
Tgt Ion:154 Resp: 9311

Ion Ratio Lower Upper

154 100

153 113.1 91.5 137.3

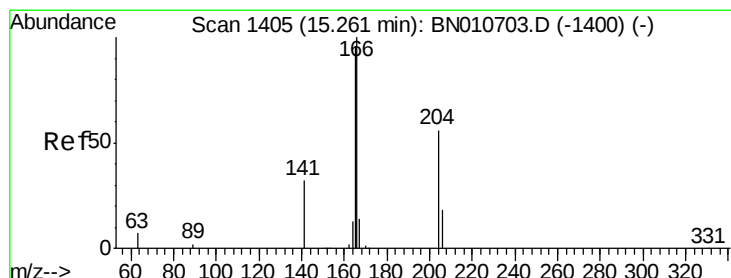
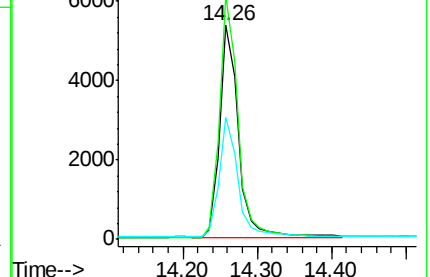
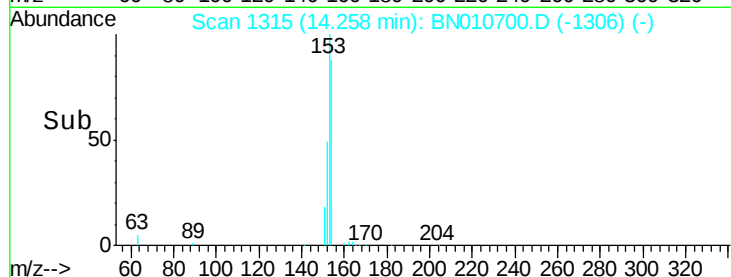
152 55.8 45.6 68.4



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: 0.41 ng

RT: 15.26 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

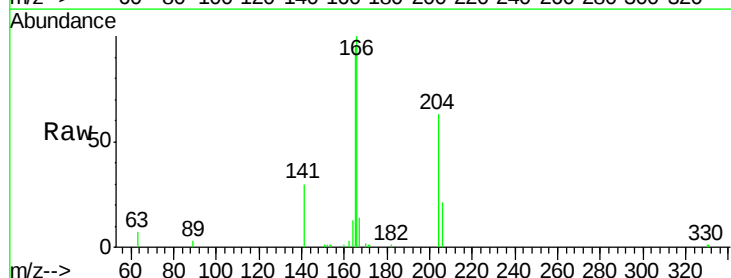
Tgt Ion:166 Resp: 11697

Ion Ratio Lower Upper

166 100

165 98.4 77.9 116.9

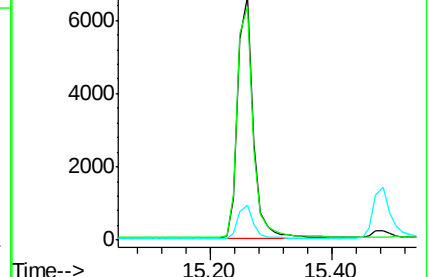
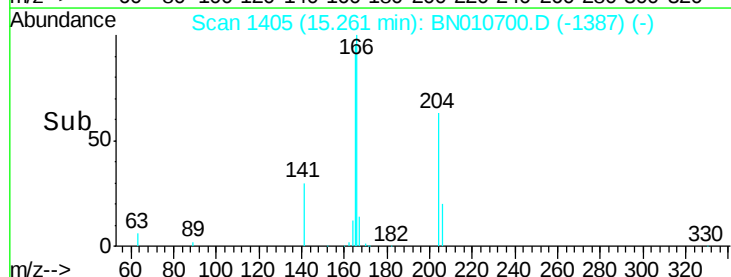
167 13.7 11.0 16.4

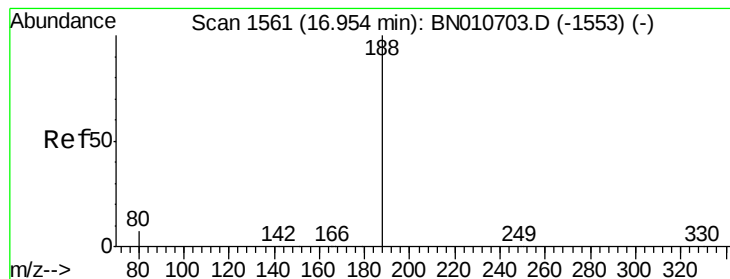


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.95 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

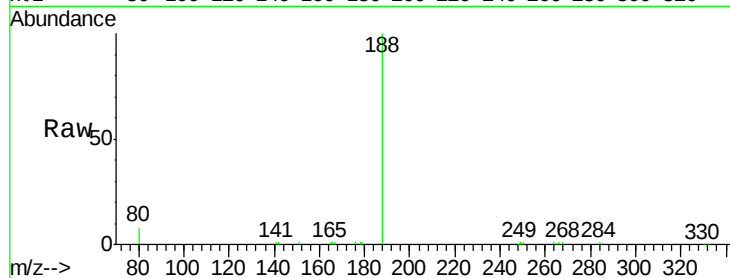
Tgt Ion:188 Resp: 15916

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

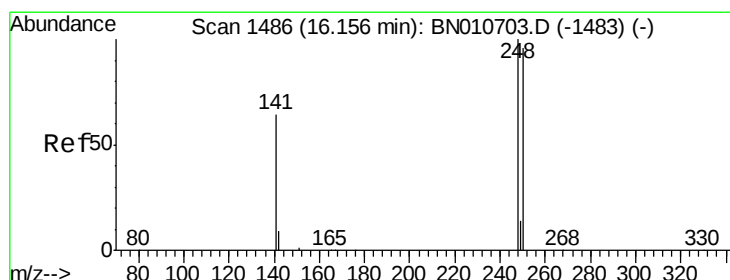
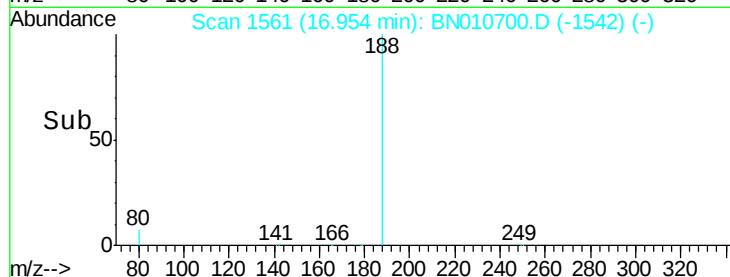
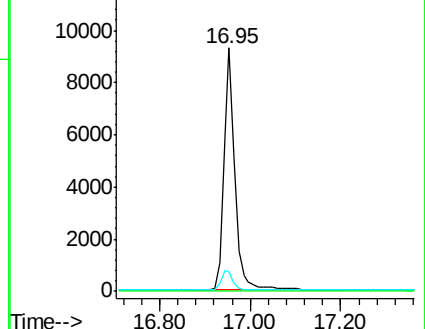
80 7.8 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.41 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

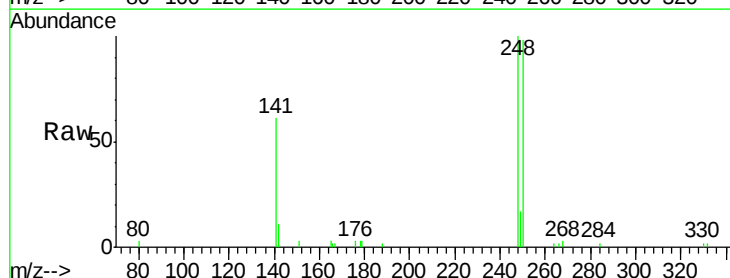
Tgt Ion:248 Resp: 3596

Ion Ratio Lower Upper

248 100

250 97.8 77.4 116.0

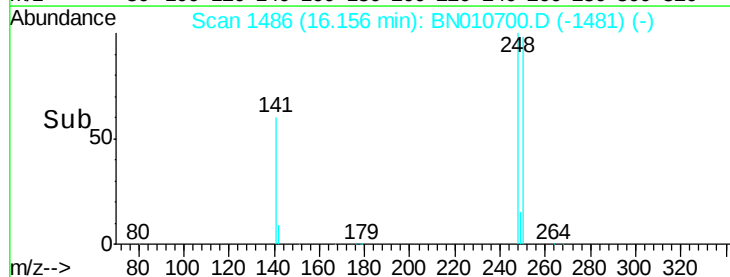
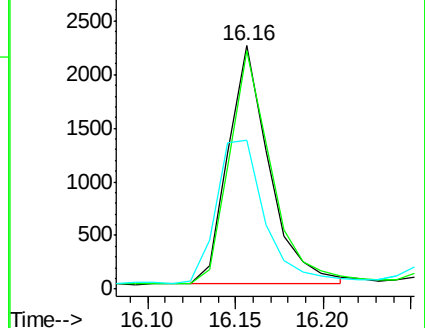
141 61.4 53.1 79.7

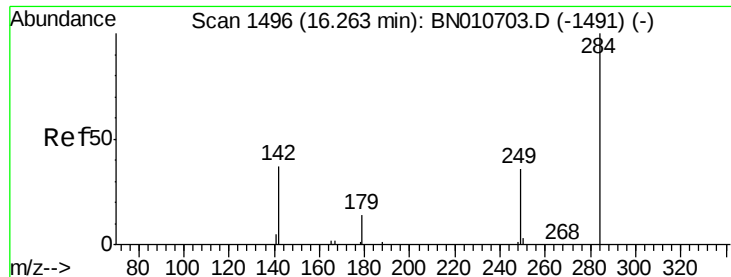


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.46 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

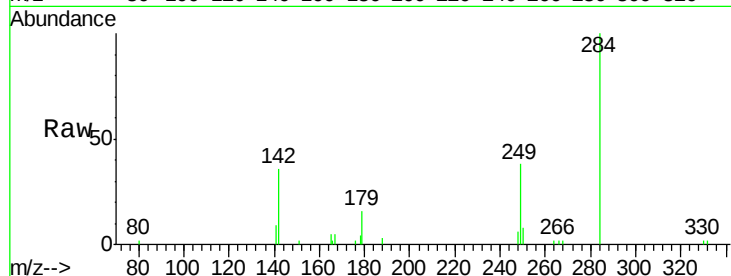
Tgt Ion:284 Resp: 4602

Ion Ratio Lower Upper

284 100

142 33.7 28.2 42.2

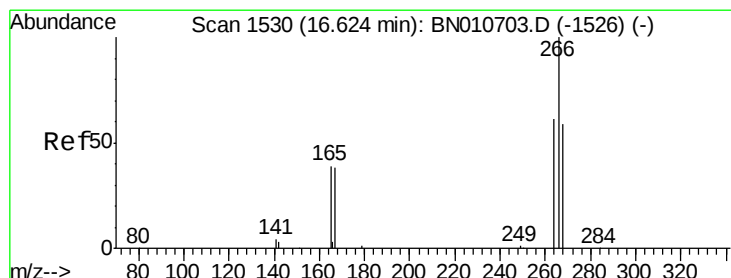
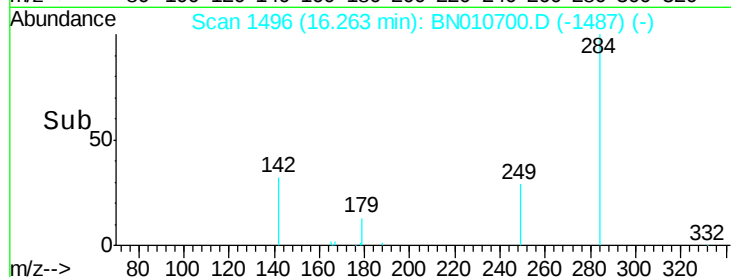
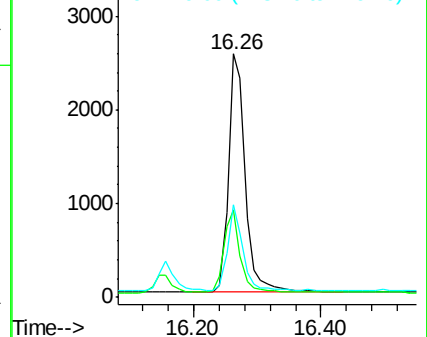
249 32.1 26.4 39.6



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: 0.38 ng

RT: 16.62 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

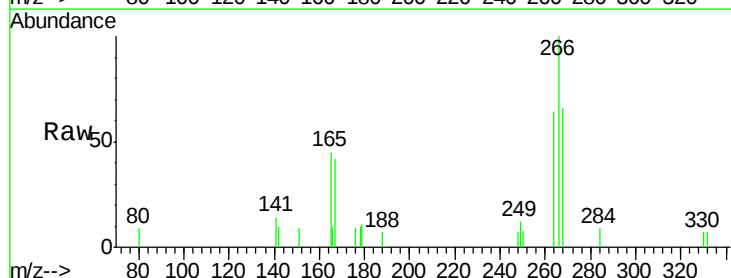
Tgt Ion:266 Resp: 1517

Ion Ratio Lower Upper

266 100

264 64.2 51.1 76.7

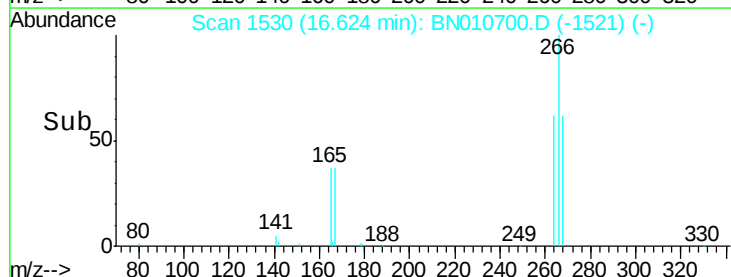
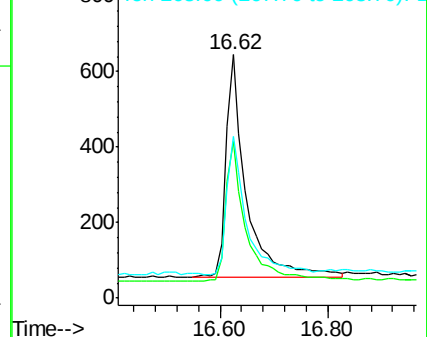
268 66.2 52.1 78.1

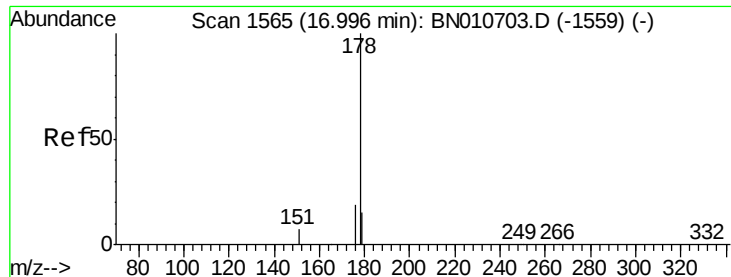


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.43 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

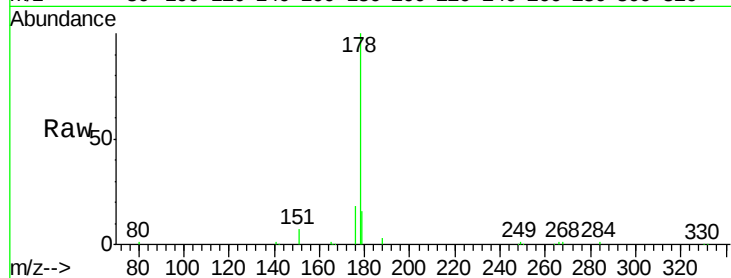
Tgt Ion:178 Resp: 18633

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

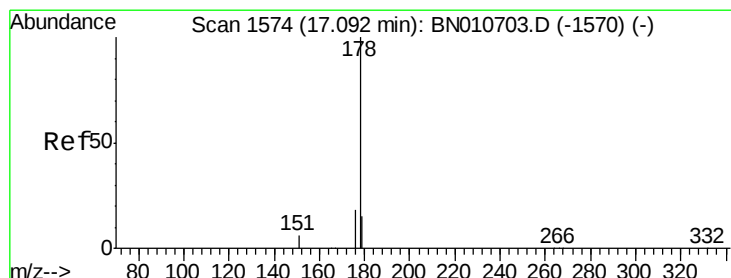
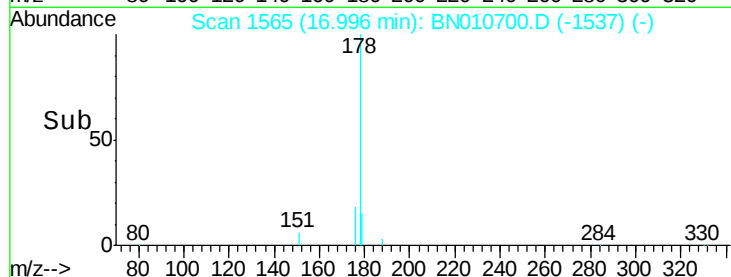
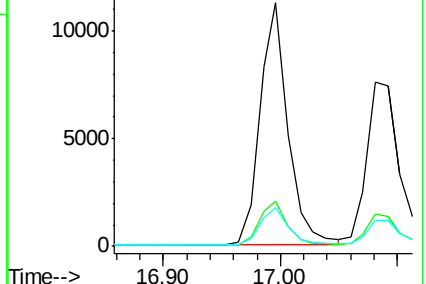
179 15.5 12.2 18.4



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: 0.39 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

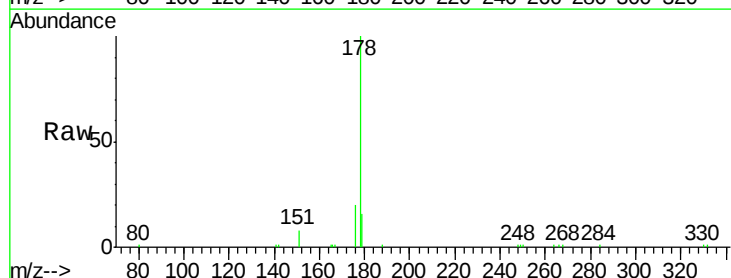
Tgt Ion:178 Resp: 15262

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

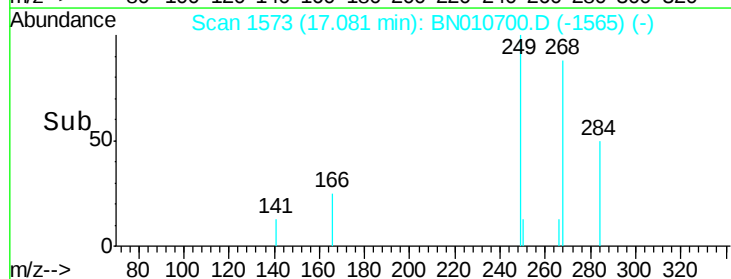
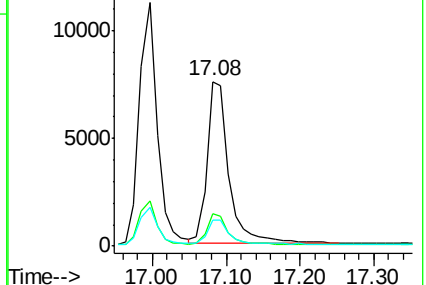
179 15.2 12.3 18.5

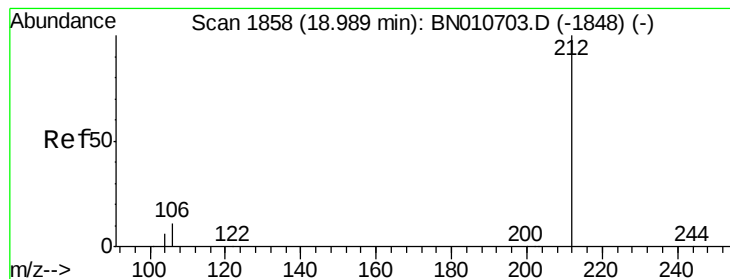


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.36 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

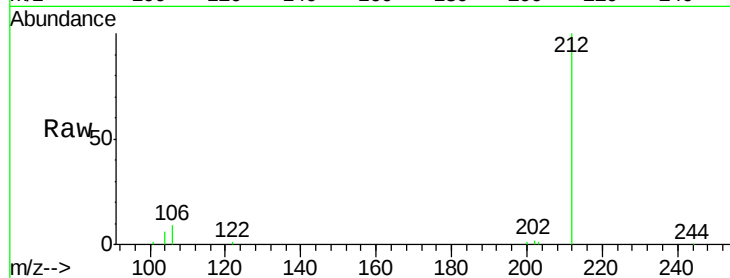
Tgt Ion:212 Resp: 17535

Ion Ratio Lower Upper

212 100

106 10.0 8.2 12.2

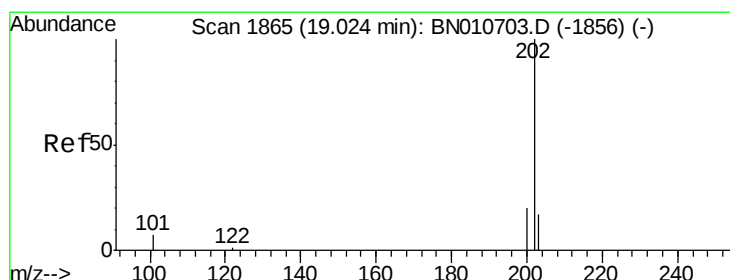
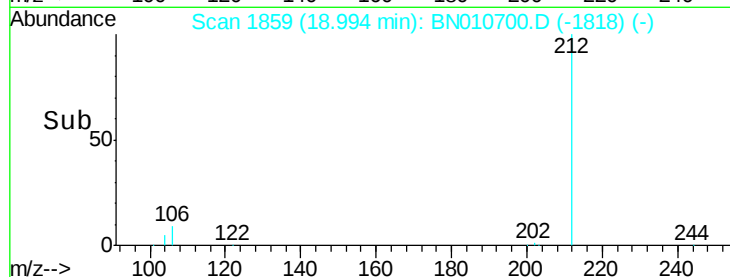
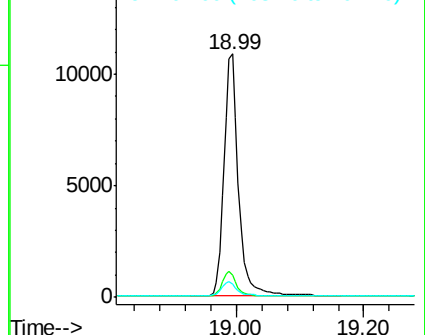
104 5.7 4.7 7.1



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: 0.39 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

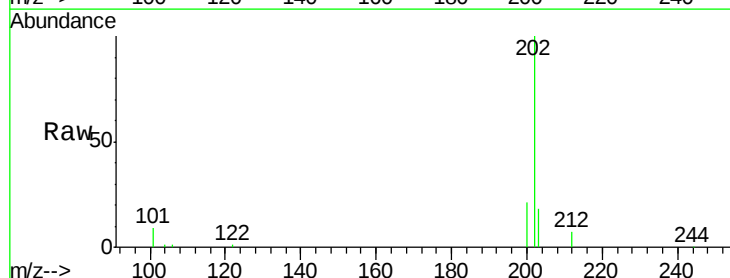
Tgt Ion:202 Resp: 20856

Ion Ratio Lower Upper

202 100

101 8.6 6.7 10.1

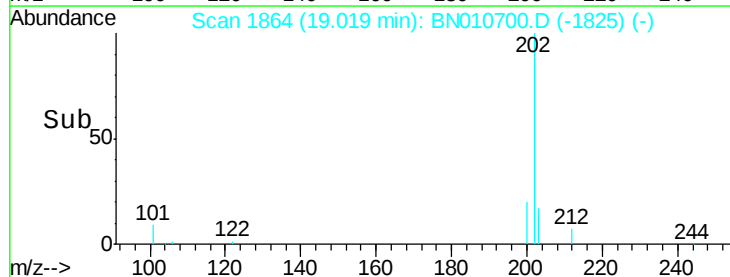
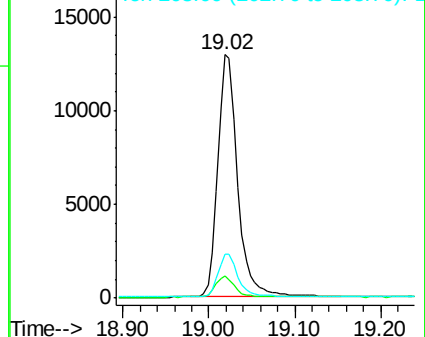
203 17.3 13.4 20.0

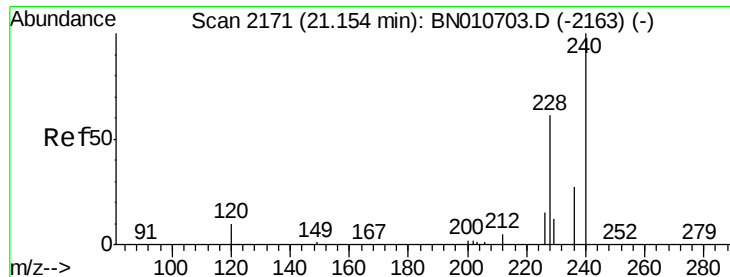


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

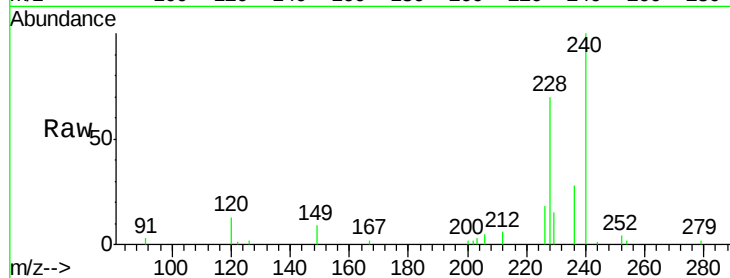




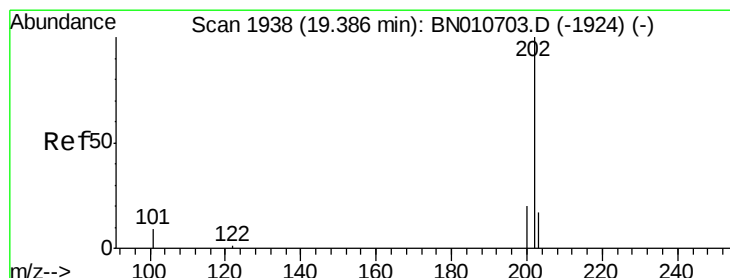
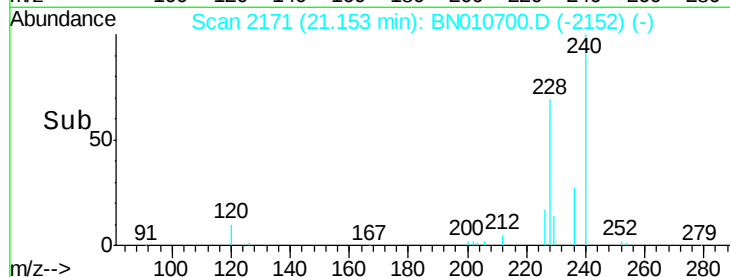
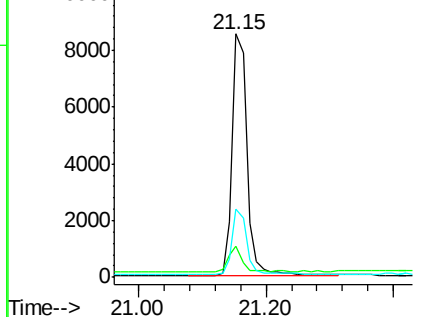
#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.15 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BN010700.D
 Acq: 13 May 2020 09:34

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:240 Resp: 13878
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 28.2 22.5 33.7

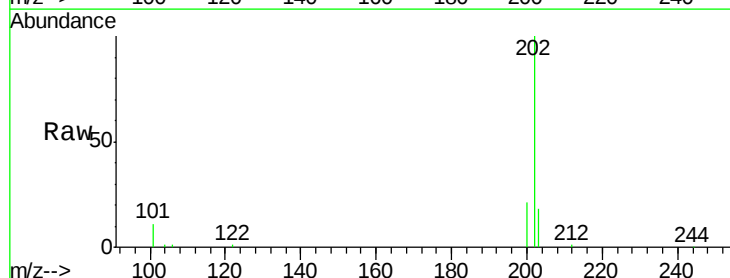


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

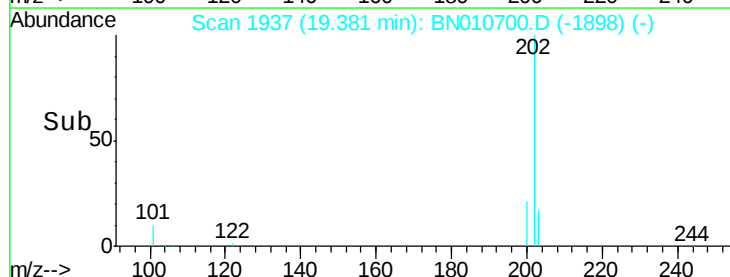
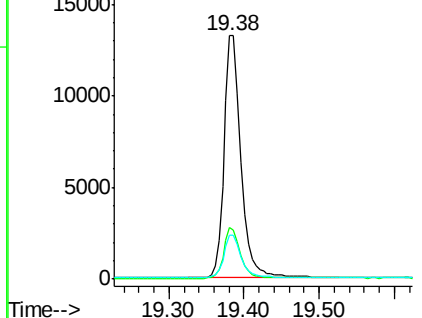


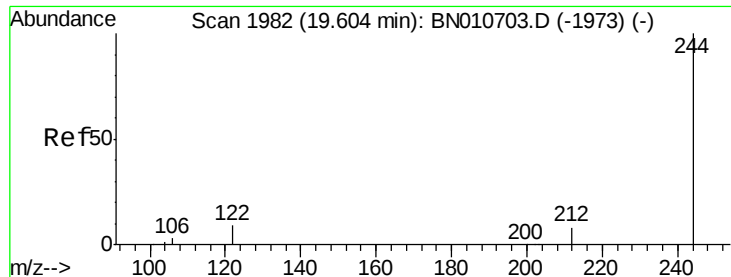
#28
 Pyrene
 Concen: 0.45 ng
 RT: 19.38 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BN010700.D
 Acq: 13 May 2020 09:34

Tgt Ion:202 Resp: 20833
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.2 24.4
 203 18.2 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: 0.49 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

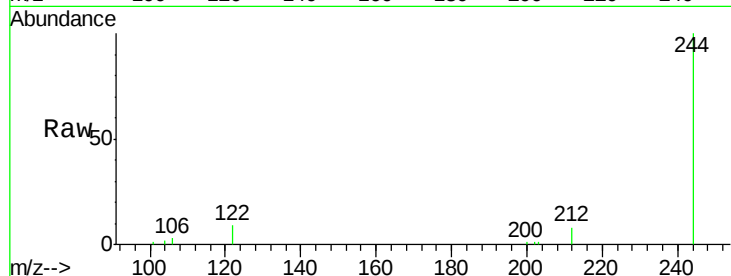
Tgt Ion:244 Resp: 15517

Ion Ratio Lower Upper

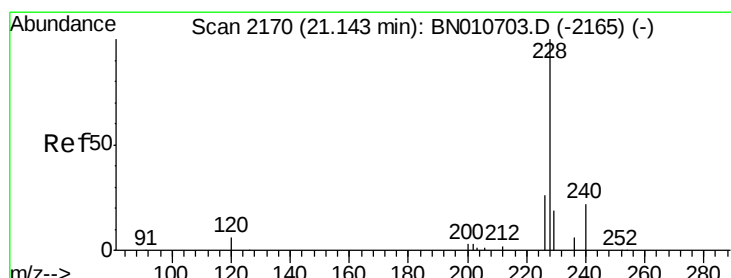
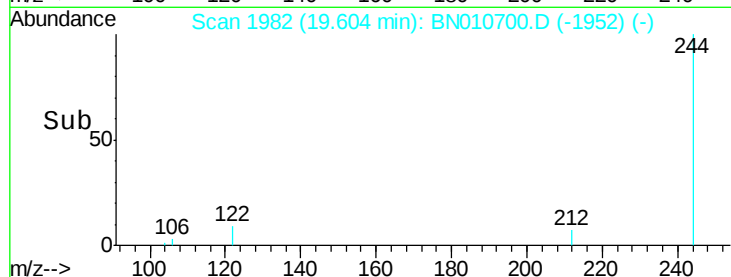
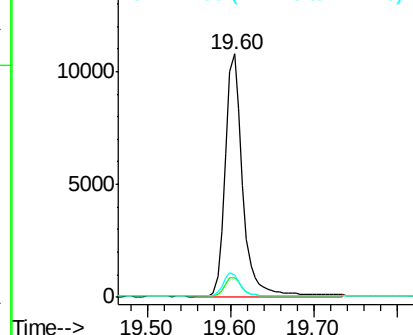
244 100

212 8.0 6.8 10.2

122 9.2 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: 0.37 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

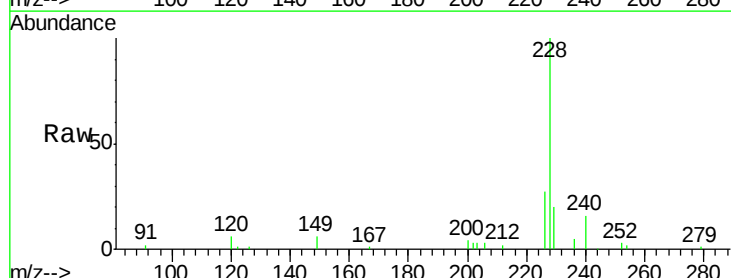
Tgt Ion:228 Resp: 16827

Ion Ratio Lower Upper

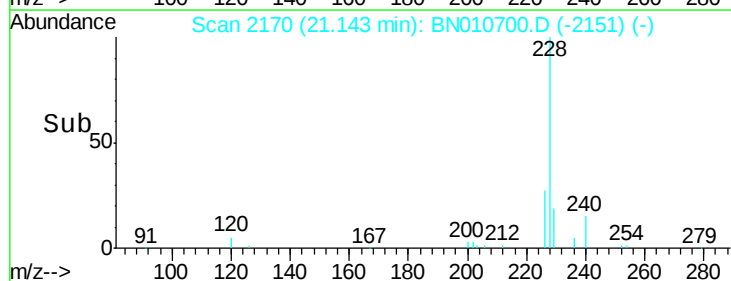
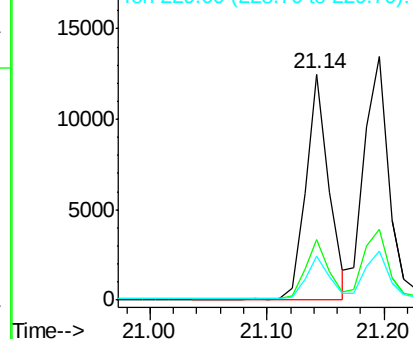
228 100

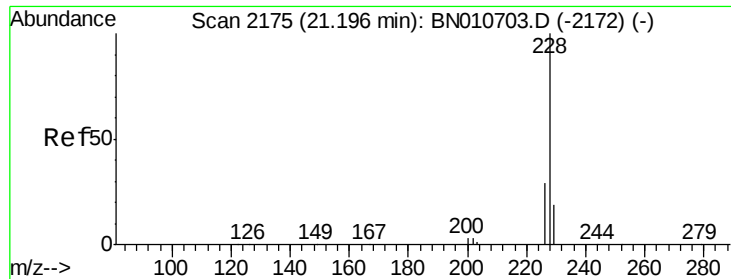
226 27.0 21.3 31.9

229 19.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.43 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

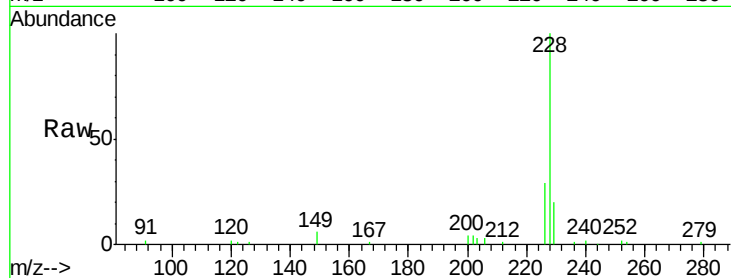
Tgt Ion:228 Resp: 19507

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

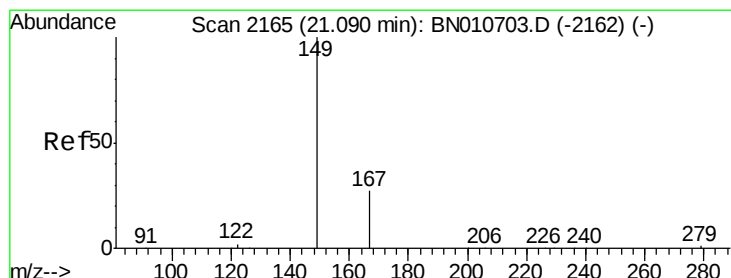
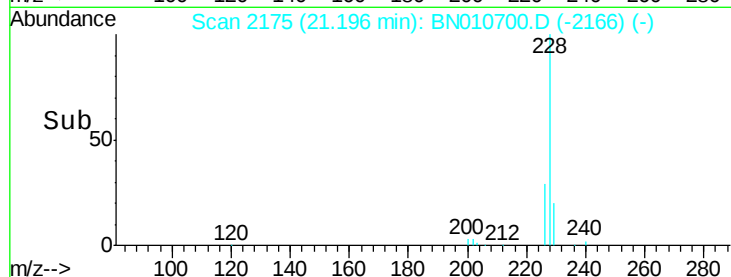
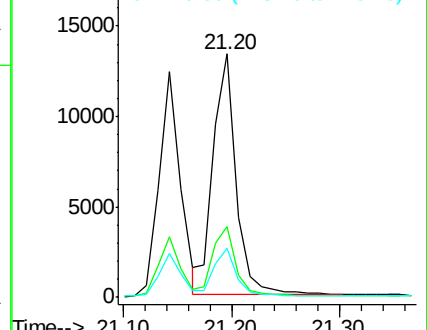
229 20.1 16.1 24.1



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: 0.32 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

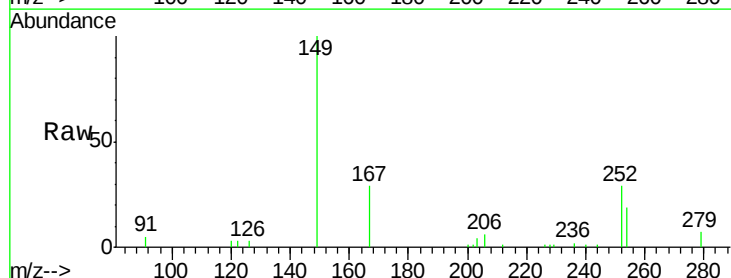
Tgt Ion:149 Resp: 7341

Ion Ratio Lower Upper

149 100

167 29.1 22.5 33.7

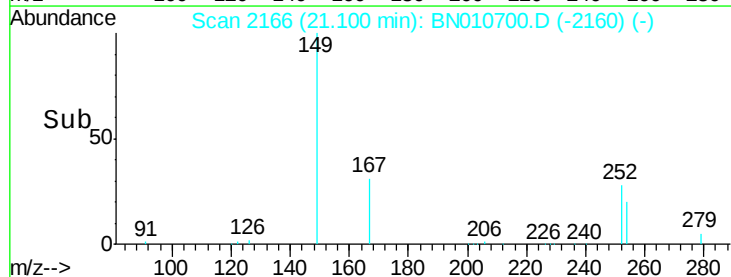
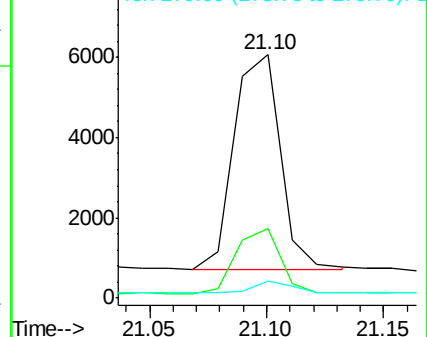
279 4.3 4.1 6.1

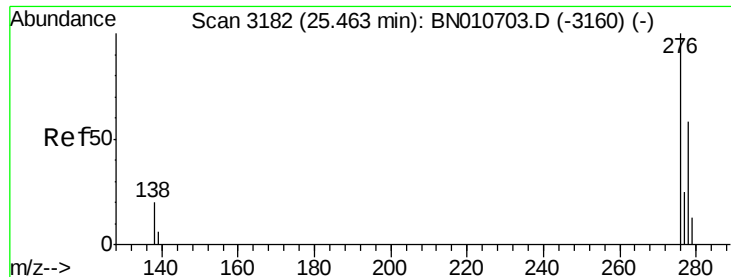


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.37 ng

RT: 25.47 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

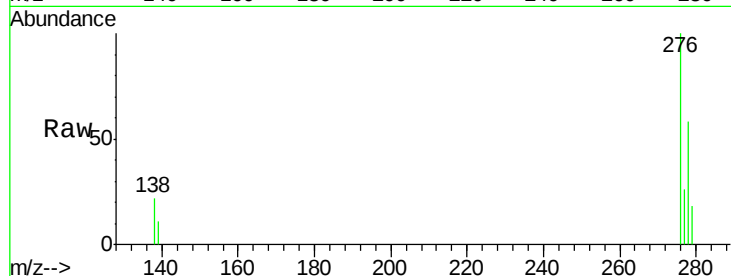
Tgt Ion:276 Resp: 14935

Ion Ratio Lower Upper

276 100

138 19.6 15.1 22.7

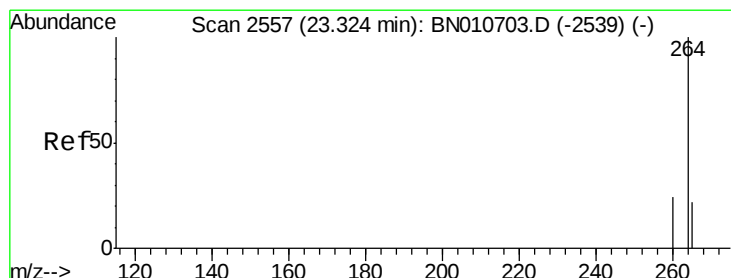
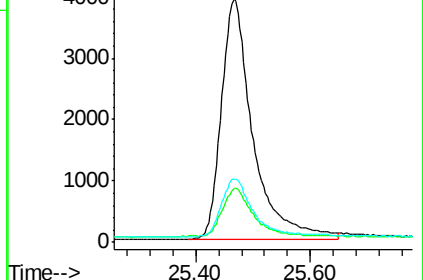
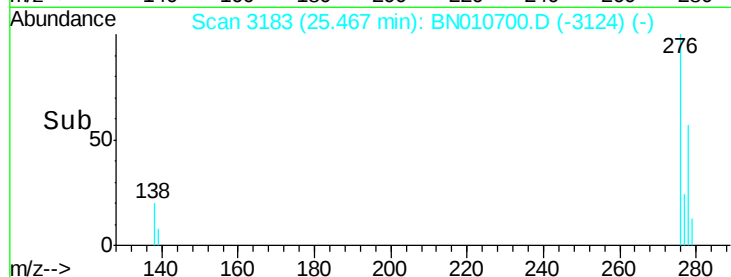
277 24.8 19.4 29.0



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# 2557

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

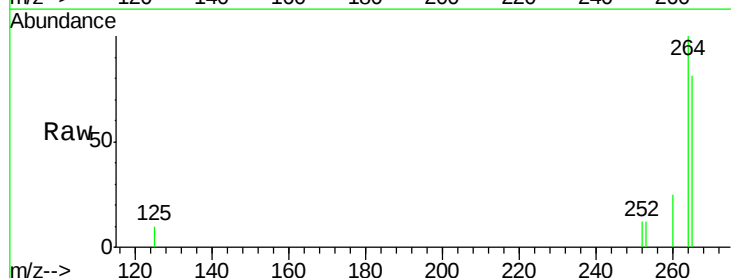
Tgt Ion:264 Resp: 12224

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

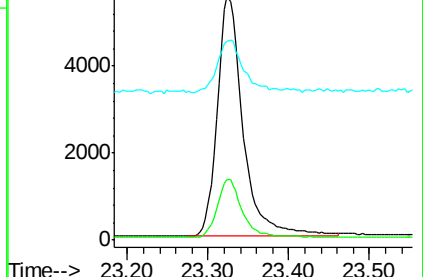
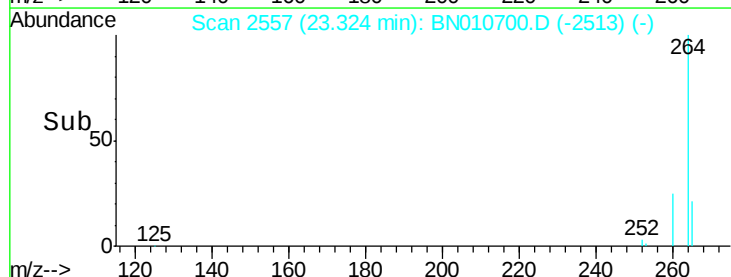
265 81.4 70.1 105.1

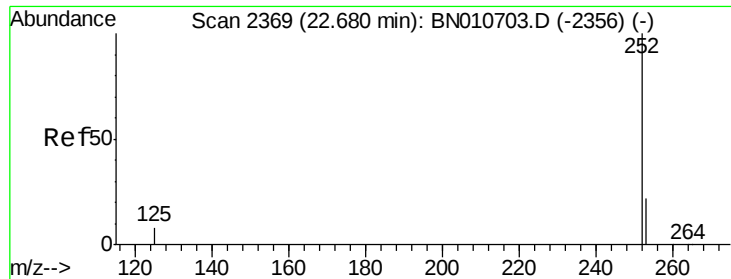


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.42 ng

RT: 22.68 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

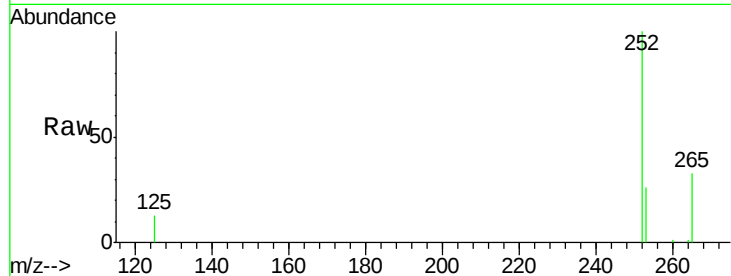
Tgt Ion:252 Resp: 16925

Ion Ratio Lower Upper

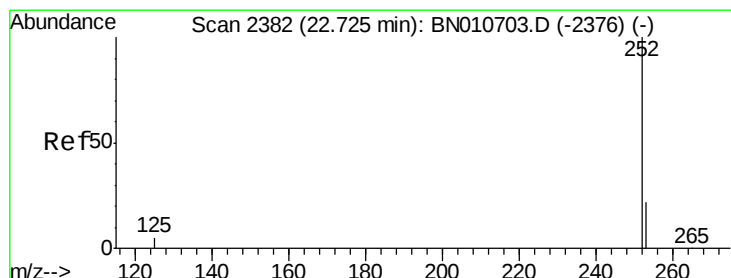
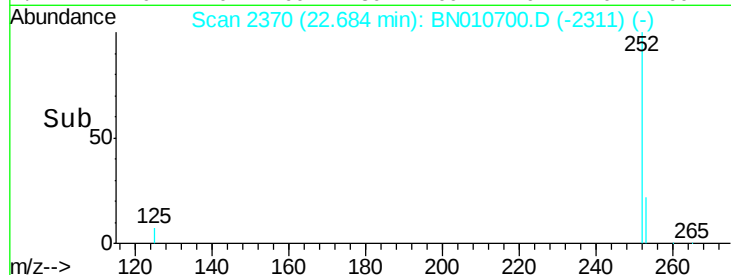
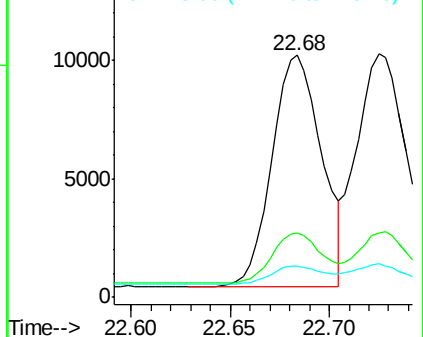
252 100

253 26.4 22.0 33.0

125 12.7 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: 0.46 ng

RT: 22.72 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

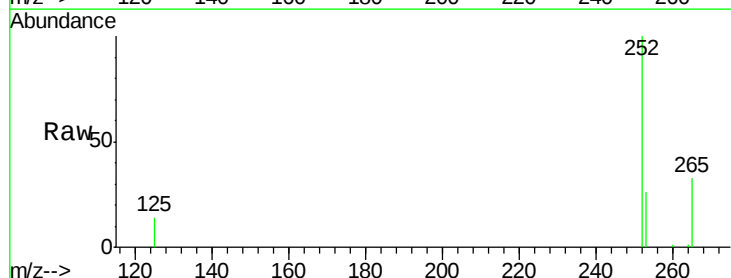
Tgt Ion:252 Resp: 18730

Ion Ratio Lower Upper

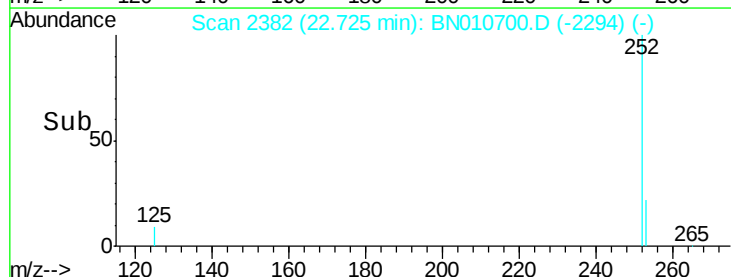
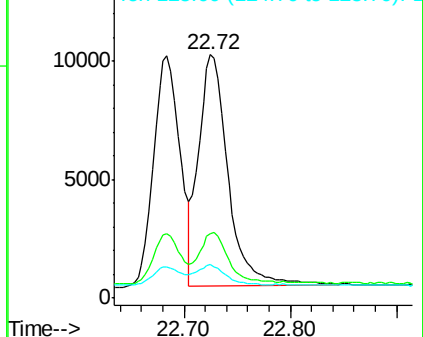
252 100

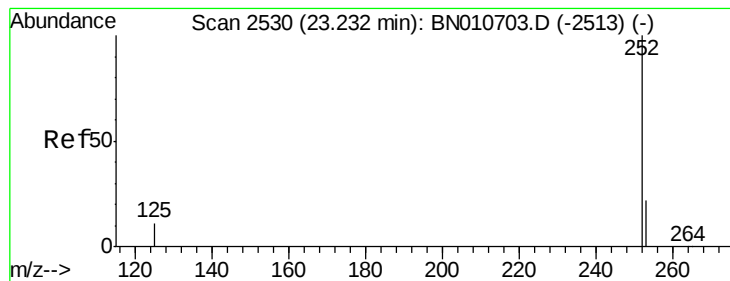
253 26.5 21.9 32.9

125 13.6 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: 0.41 ng

RT: 23.23 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

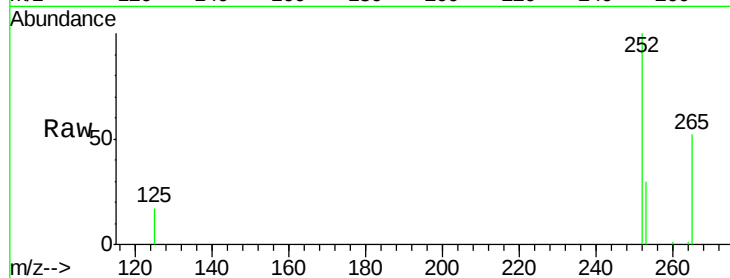
Tgt Ion:252 Resp: 14725

Ion Ratio Lower Upper

252 100

253 29.9 24.8 37.2

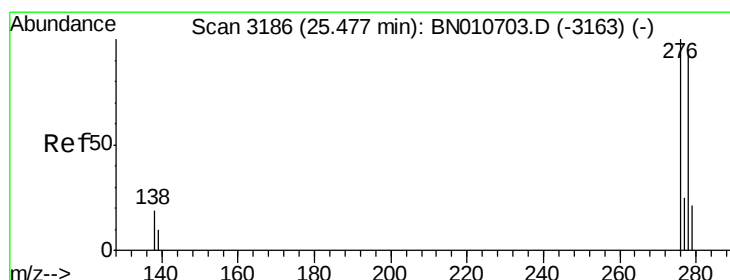
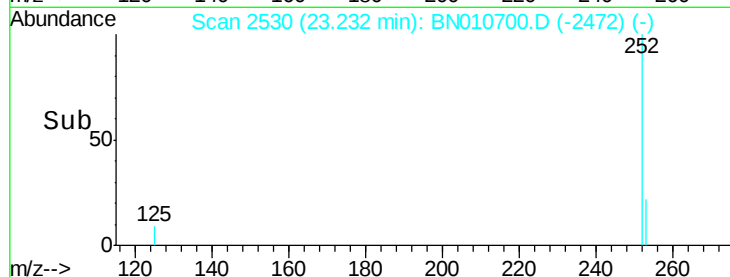
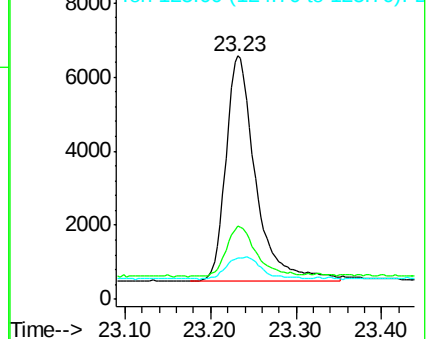
125 17.2 15.8 23.6



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: 0.35 ng

RT: 25.48 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BN010700.D

Acq: 13 May 2020 09:34

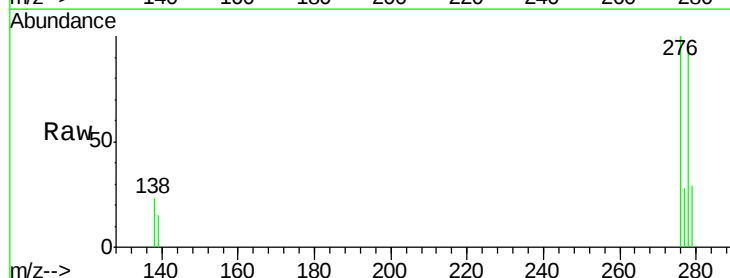
Tgt Ion:278 Resp: 11462

Ion Ratio Lower Upper

278 100

139 16.1 13.0 19.4

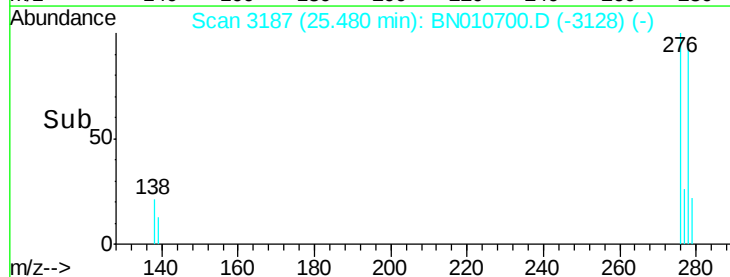
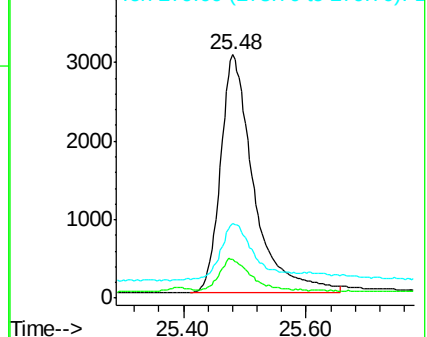
279 30.4 25.1 37.7

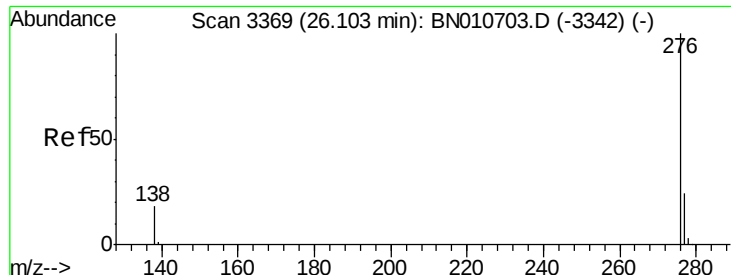


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.43 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN010700.D

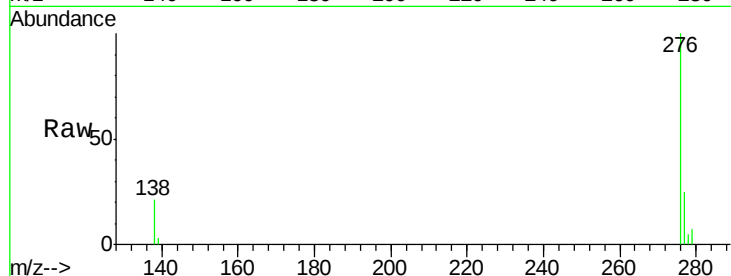
Acq: 13 May 2020 09:34

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 14171

Ion Ratio Lower Upper

276 100

277 25.2 20.6 30.8

138 20.9 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

