

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
 Data File : BN010710.D
 Acq On : 14 May 2020 12:14
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 14 12:57:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:56:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3687	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	14121	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	8556	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	18160	0.40	ng	0.00
27) Chrysene-d12	21.15	240	15505	0.40	ng	0.00
34) Perylene-d12	23.32	264	14586	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	2984	0.41	ng	0.00
5) Phenol-d6	6.77	99	3512	0.40	ng	0.00
8) Nitrobenzene-d5	8.71	82	3830	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.92	152	9024	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1145	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	12784	0.41	ng	0.00
25) Fluoranthene-d10	18.99	212	19263	0.39	ng	0.00
29) Terphenyl-d14	19.60	244	14705	0.40	ng	0.00

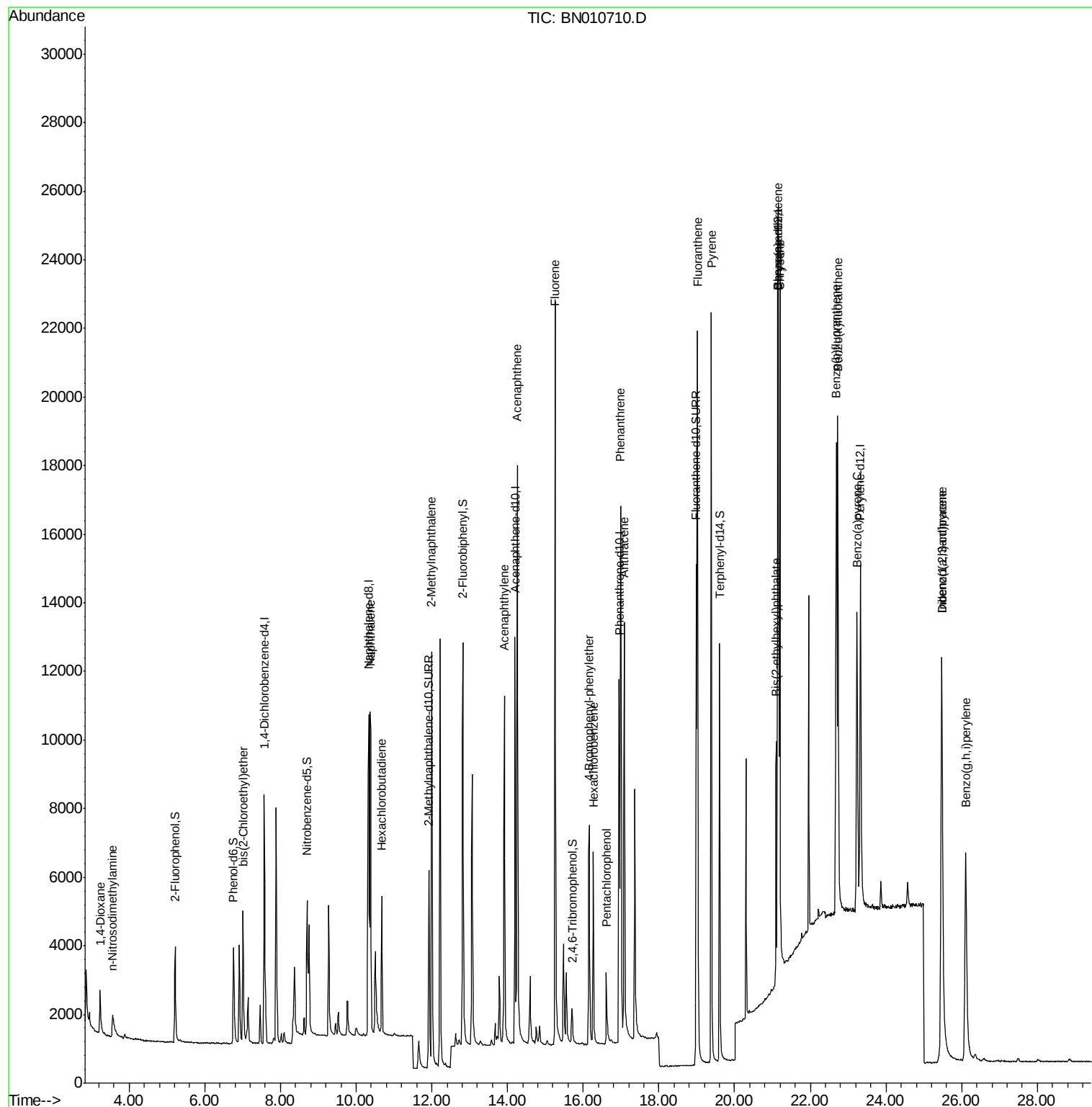
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.23	88	1284	0.404	ng	97
3) n-Nitrosodimethylamine	3.56	42	743	0.406	ng	# 99
6) bis(2-Chloroethyl)ether	7.01	93	3877	0.427	ng	98
9) Naphthalene	10.37	128	14063	0.396	ng	99
10) Hexachlorobutadiene	10.67	225	3277	0.403	ng	# 99
12) 2-Methylnaphthalene	12.00	142	9827	0.393	ng	100
16) Acenaphthylene	13.91	152	13211	0.378	ng	100
17) Acenaphthene	14.26	154	9408	0.398	ng	99
18) Fluorene	15.25	166	12033	0.389	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	3863	0.385	ng	91
21) Hexachlorobenzene	16.26	284	4762	0.399	ng	99
22) Pentachlorophenol	16.61	266	1503	0.407	ng	98
23) Phenanthrene	16.99	178	19133	0.393	ng	99
24) Anthracene	17.08	178	15615	0.381	ng	100
26) Fluoranthene	19.02	202	21622	0.391	ng	99
28) Pyrene	19.38	202	21497	0.387	ng	100
30) Benzo(a)anthracene	21.14	228	16881	0.373	ng	100
31) Chrysene	21.20	228	20892	0.408	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	7339	0.371	ng	100
33) Indeno(1,2,3-cd)pyrene	25.47	276	18297	0.402	ng	99
35) Benzo(b)fluoranthene	22.68	252	18413	0.382	ng	97
36) Benzo(k)fluoranthene	22.73	252	20590	0.396	ng	97
37) Benzo(a)pyrene	23.23	252	16060	0.385	ng	96
38) Dibenzo(a,h)anthracene	25.48	278	14129	0.396	ng	96
39) Benzo(g,h,i)perylene	26.11	276	16133	0.386	ng	100

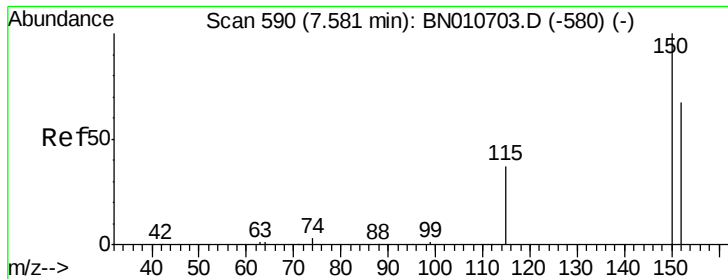
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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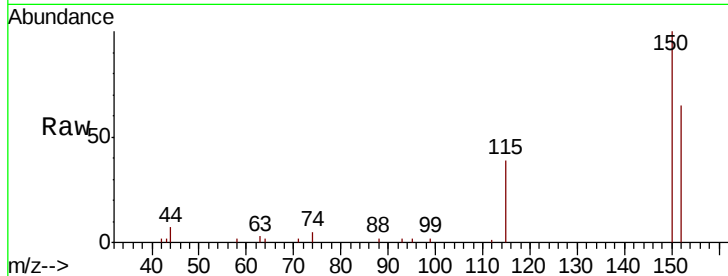


#1

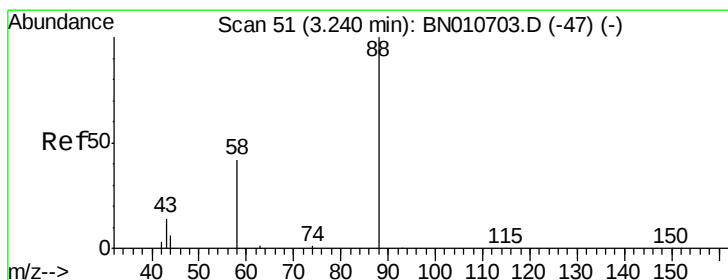
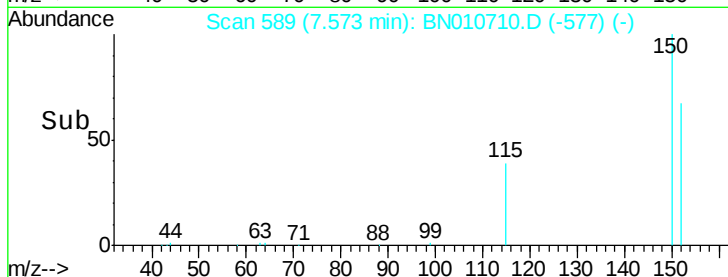
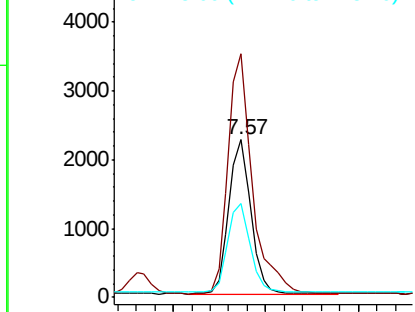
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 3687
Ion Ratio Lower Upper
152 100
150 154.8 119.4 179.0
115 59.6 45.9 68.9



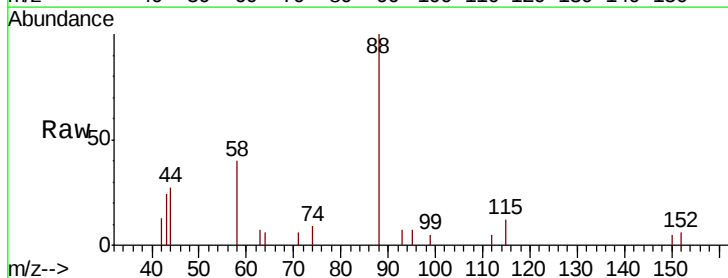
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



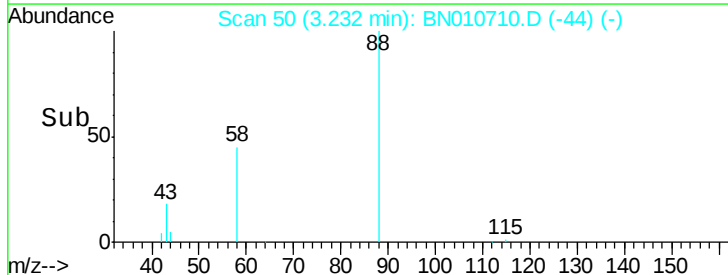
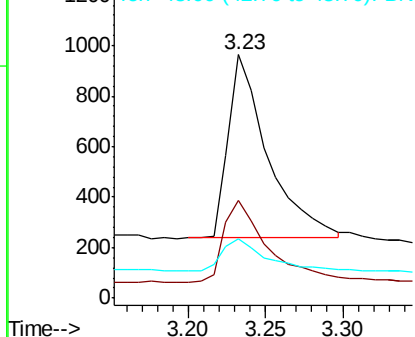
#2

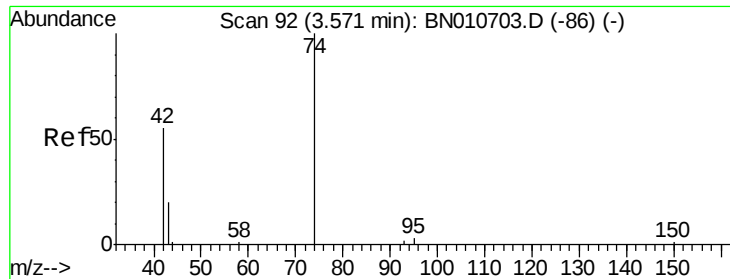
1,4-Dioxane
Concen: 0.404 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion: 88 Resp: 1284
Ion Ratio Lower Upper
88 100
58 50.5 39.0 58.6
43 18.6 13.1 19.7



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.406 ng

RT: 3.56 min Scan# 91

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

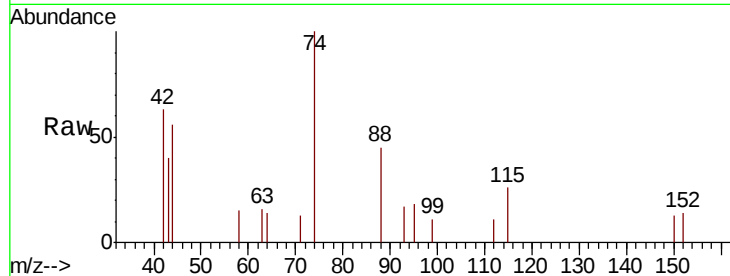
Tot Ion: 42 Resp: 743

Ion Ratio Lower Upper

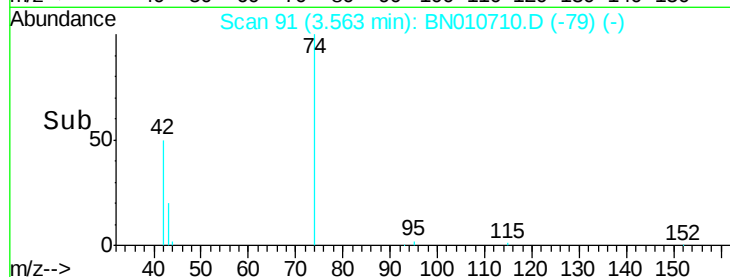
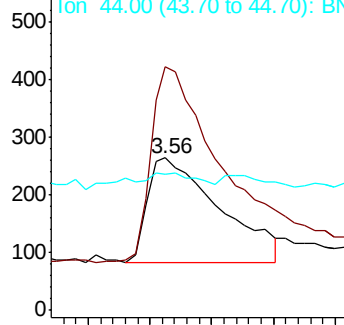
42 100

74 183.4 146.2 219.2

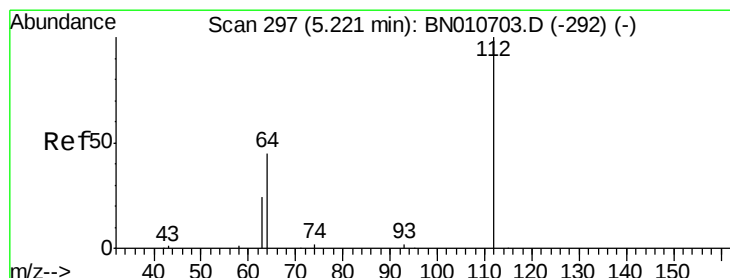
44 8.7 3.0 4.4#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



Time-->



#4

2-Fluorophenol

Concen: 0.413 ng

RT: 5.21 min Scan# 296

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

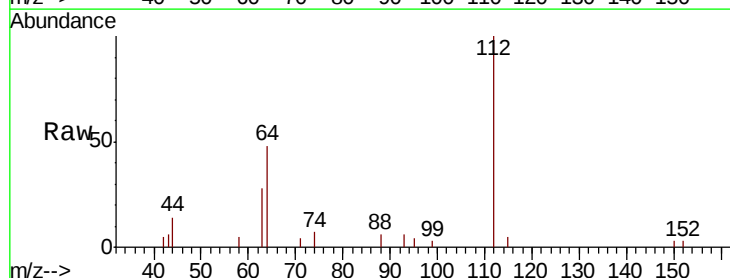
Tgt Ion: 112 Resp: 2984

Ion Ratio Lower Upper

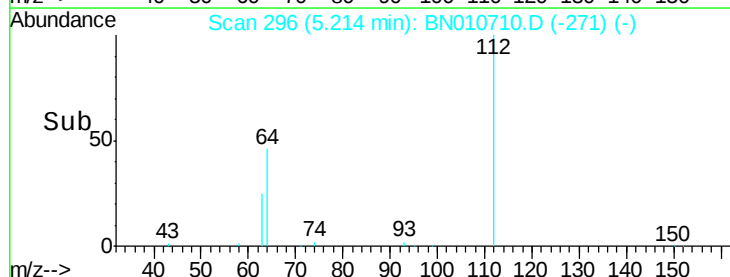
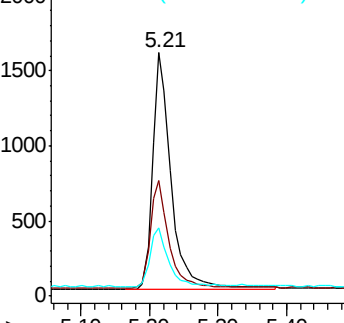
112 100

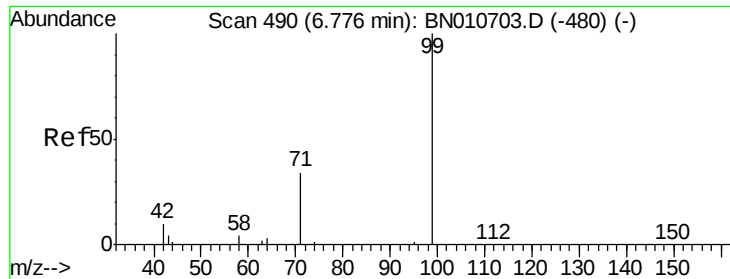
64 46.5 36.2 54.4

63 25.0 19.8 29.8



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.398 ng

RT: 6.77 min Scan# 489

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

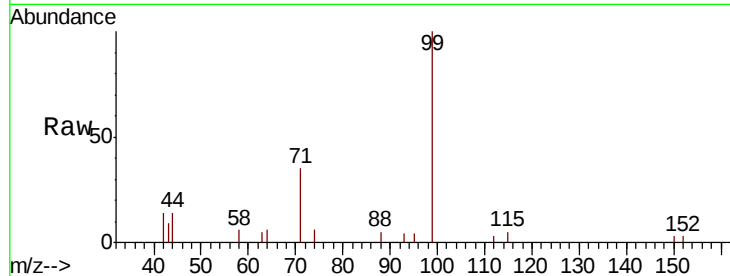
Tot Ion: 99 Resp: 3512

Ion Ratio Lower Upper

99 100

42 13.2 9.8 14.8

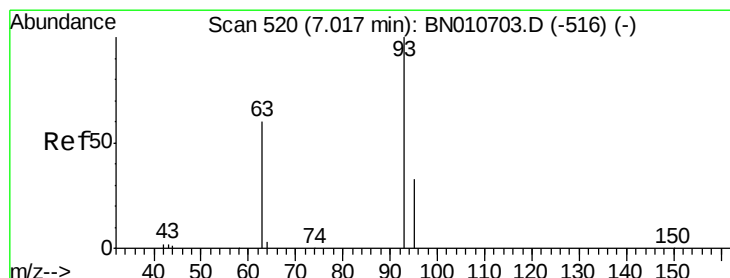
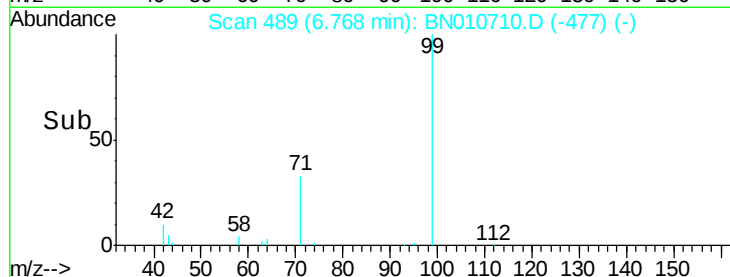
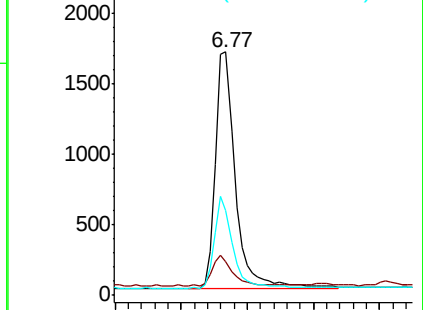
71 35.8 28.6 42.8



Abundance Ion 99.00 (98.70 to 99.70): BN010710.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN010710.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN010710.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.427 ng

RT: 7.01 min Scan# 519

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

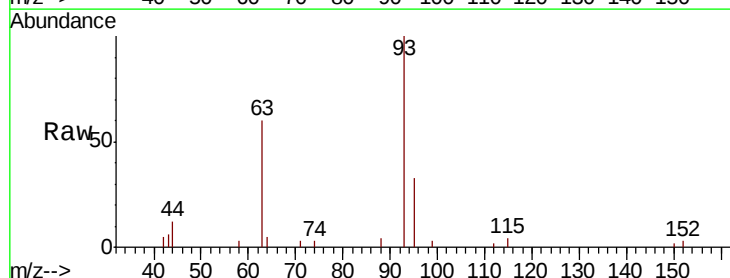
Tgt Ion: 93 Resp: 3877

Ion Ratio Lower Upper

93 100

63 55.8 43.1 64.7

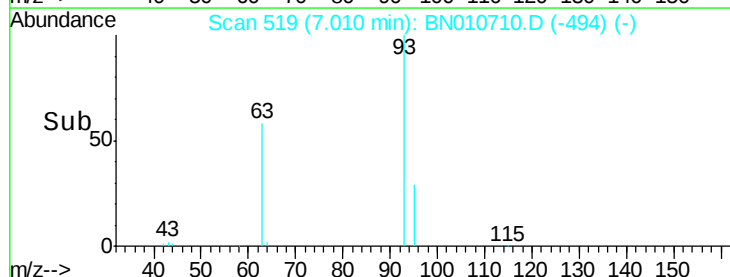
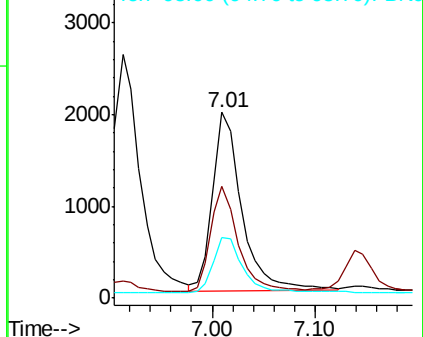
95 31.4 24.6 37.0

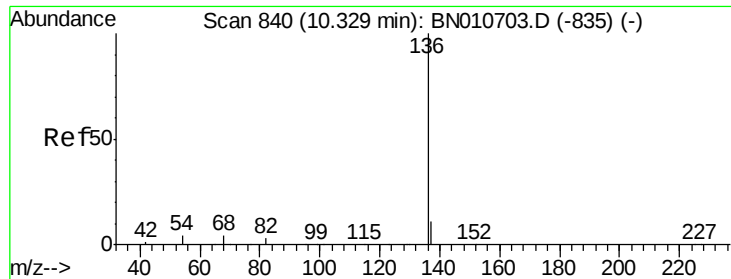


Abundance Ion 93.00 (92.70 to 93.70): BN010710.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN010710.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN010710.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 14121

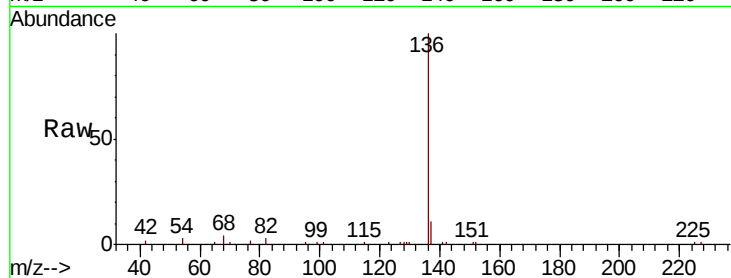
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 3.5 3.6 5.4#

68 4.0 4.1 6.1#

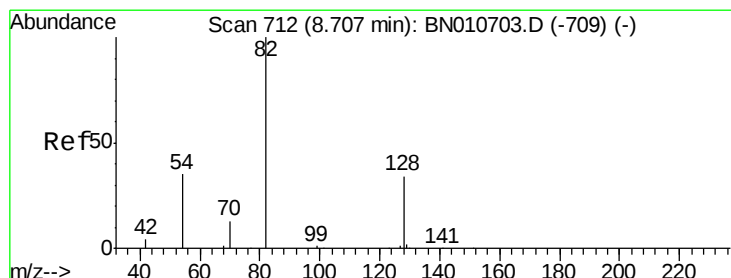
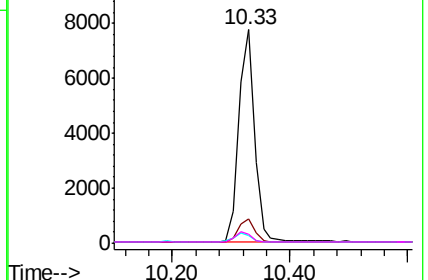
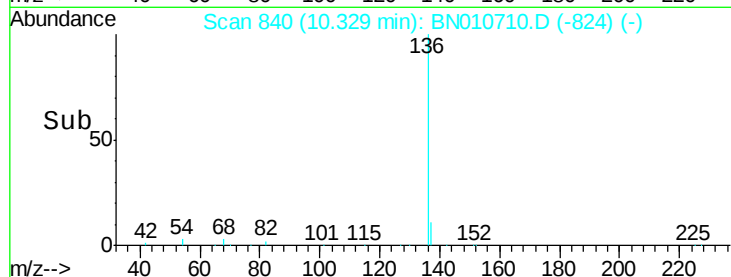


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.391 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

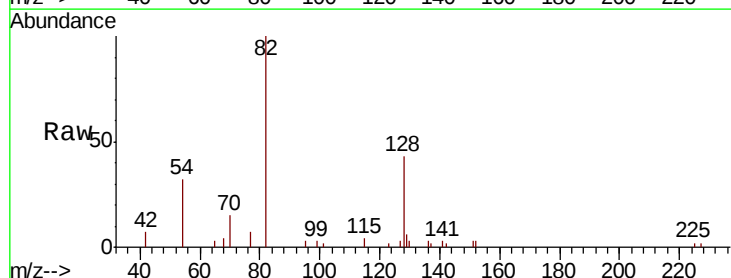
Tgt Ion: 82 Resp: 3830

Ion Ratio Lower Upper

82 100

128 43.5 29.0 43.4#

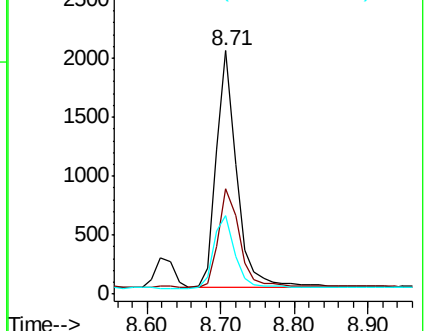
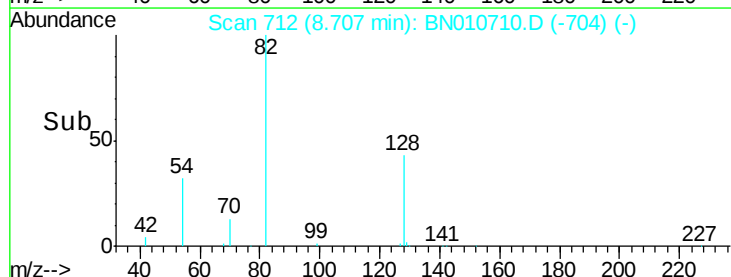
54 32.3 29.3 43.9

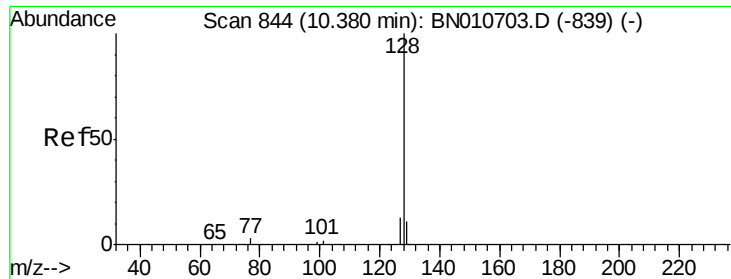


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

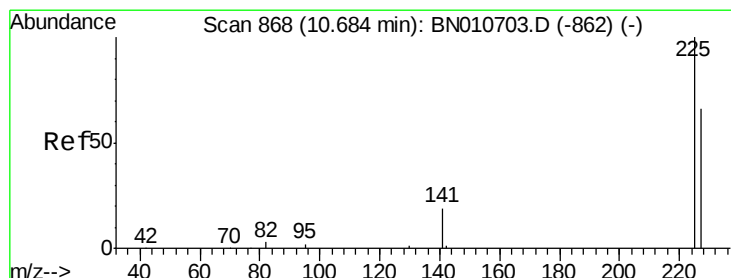
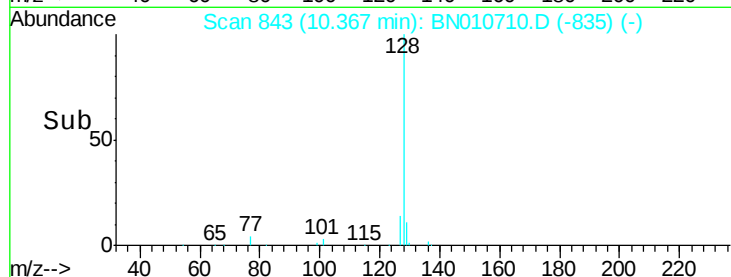
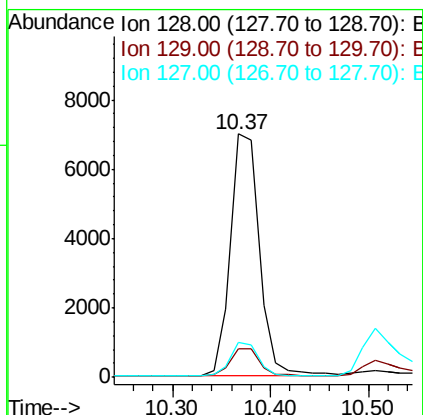
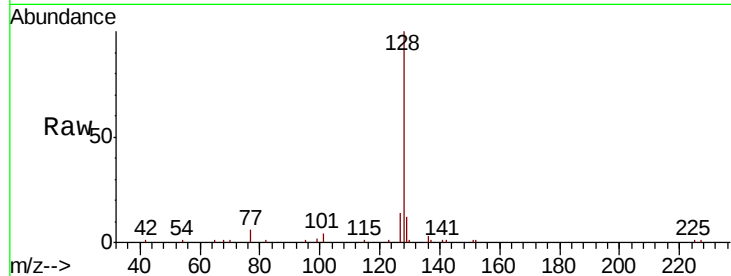




#9
Naphthalene
Concen: 0.396 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

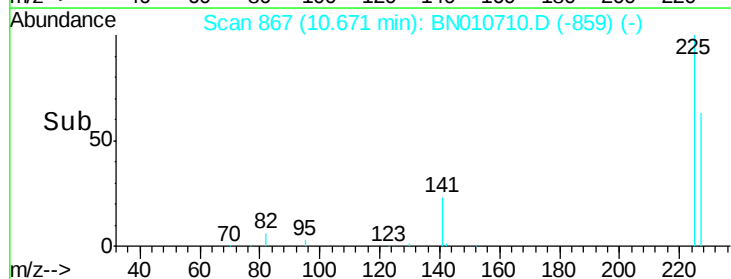
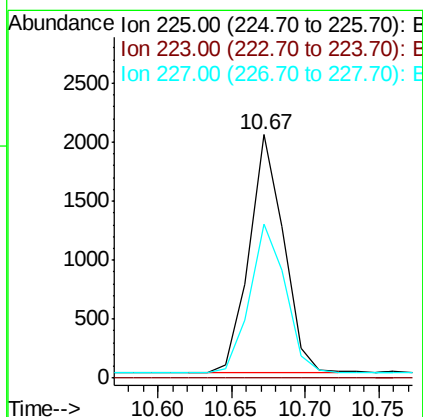
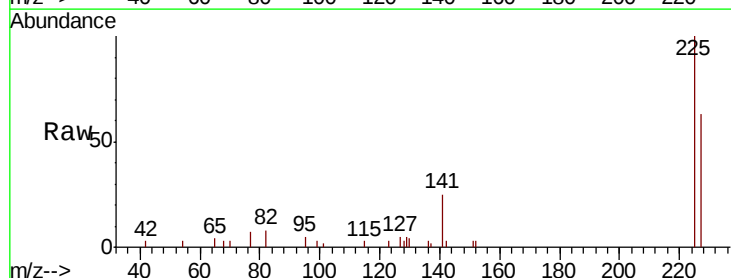
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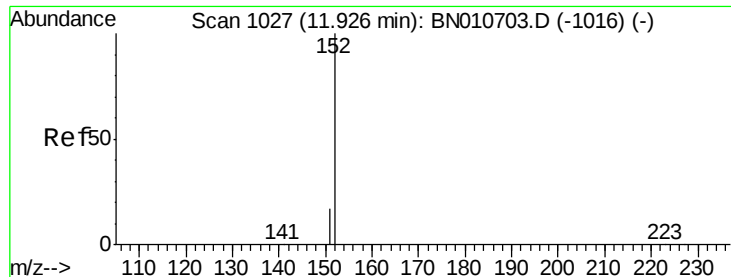
Tot Ion:128 Resp: 14063
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 14.2 11.0 16.6



#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:225 Resp: 3277
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.4 50.7 76.1

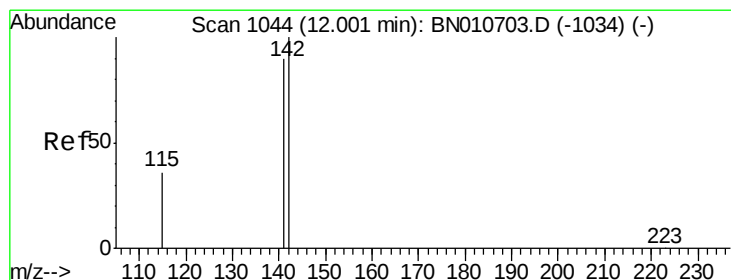
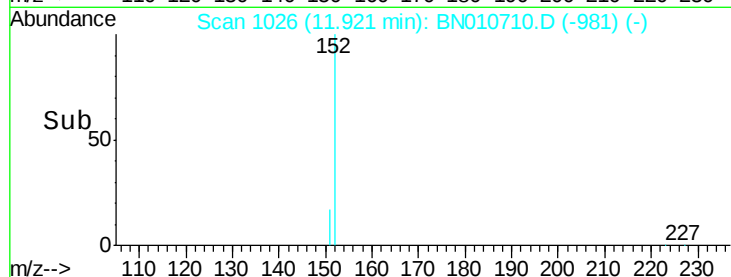
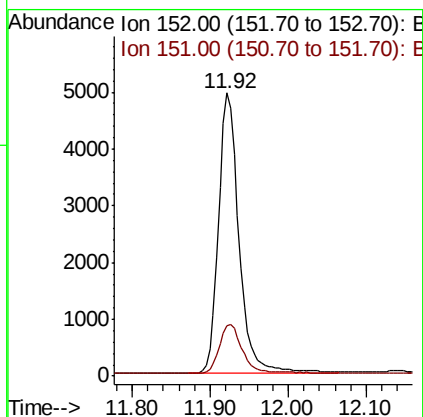
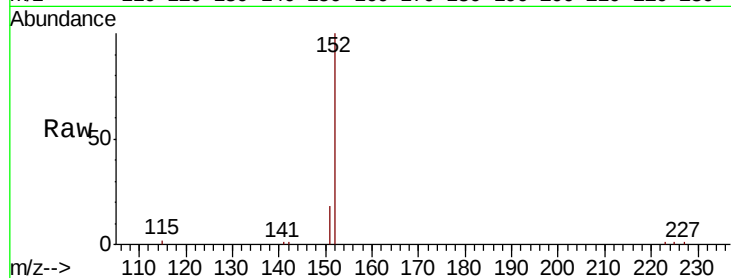




#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.92 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

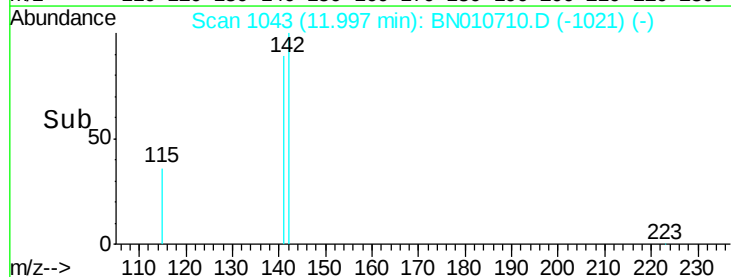
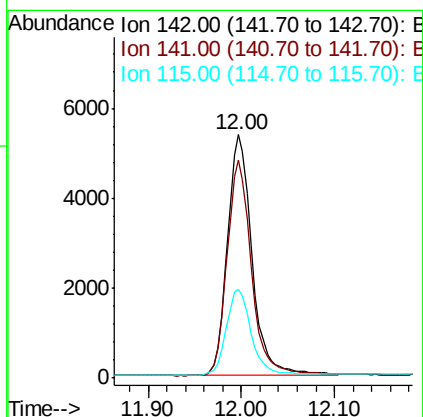
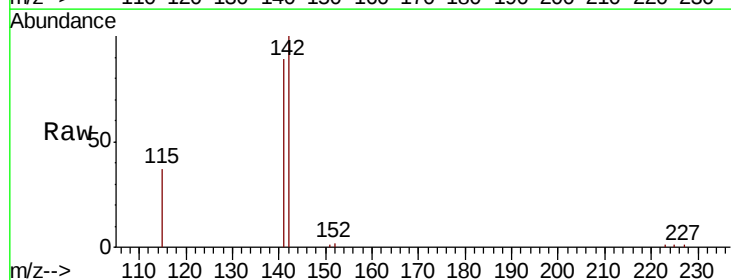
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

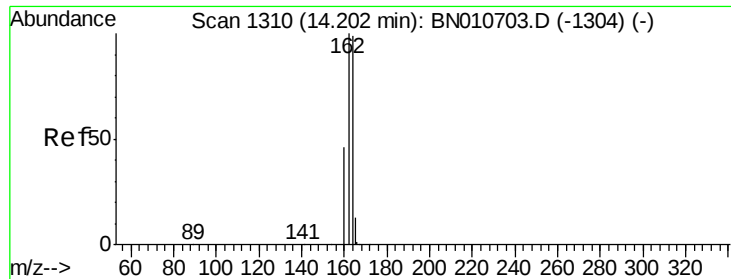
Tot Ion:152 Resp: 9024
Ion Ratio Lower Upper
152 100
151 19.4 15.0 22.6



#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.00 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:142 Resp: 9827
Ion Ratio Lower Upper
142 100
141 89.5 71.7 107.5
115 36.6 29.8 44.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

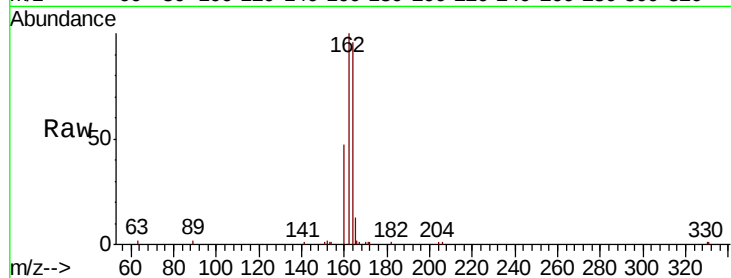
Tot Ion:164 Resp: 8556

Ion Ratio Lower Upper

164 100

162 104.1 81.1 121.7

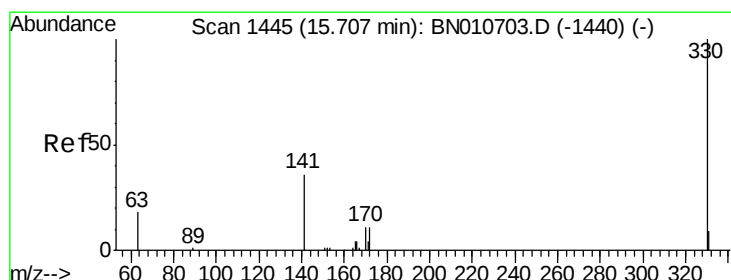
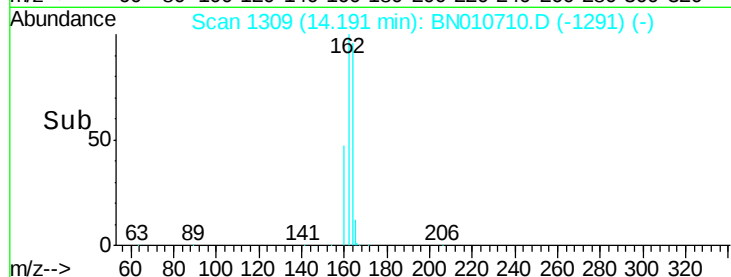
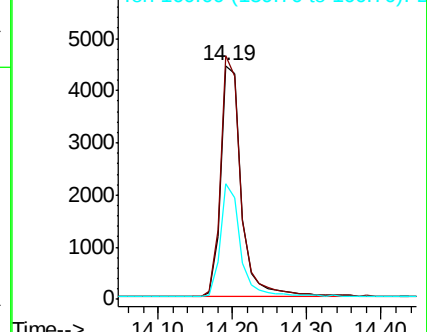
160 49.4 37.9 56.9



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: 0.369 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

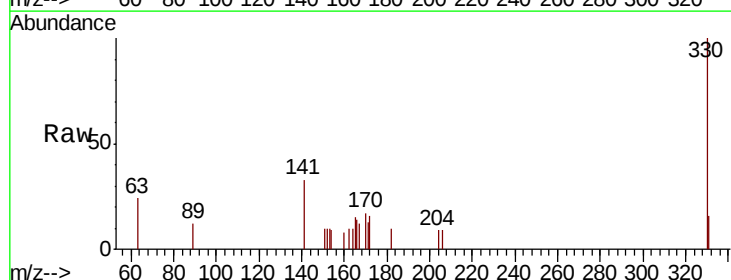
Tgt Ion:330 Resp: 1145

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

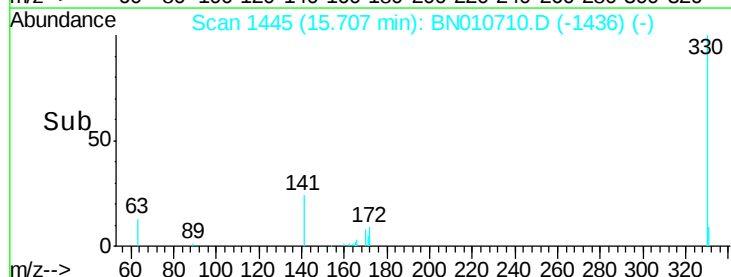
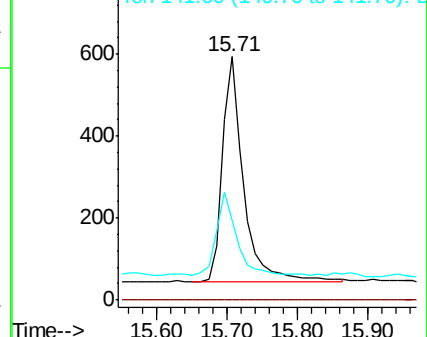
141 36.9 28.8 43.2

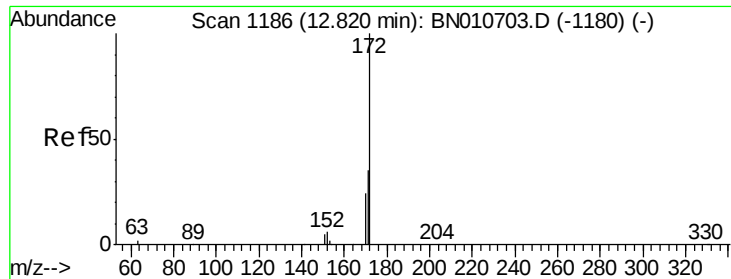


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

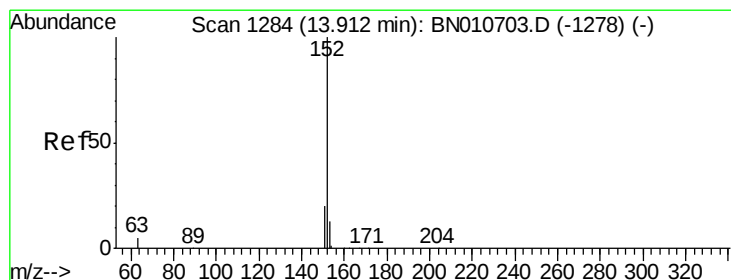
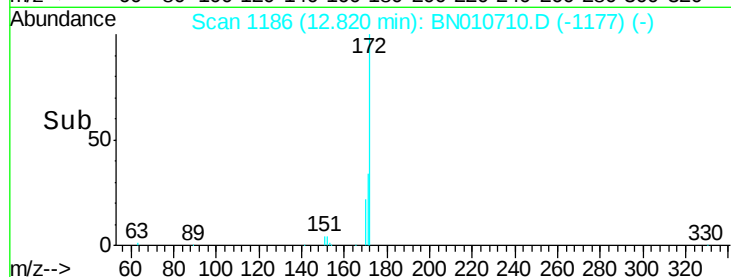
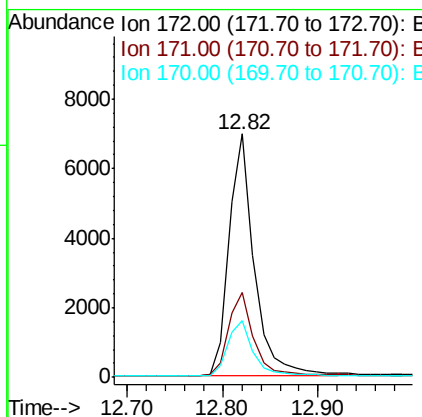
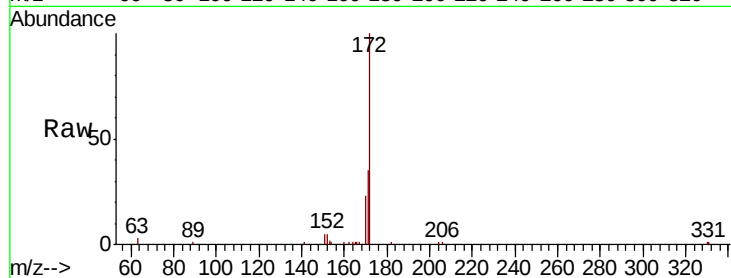




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

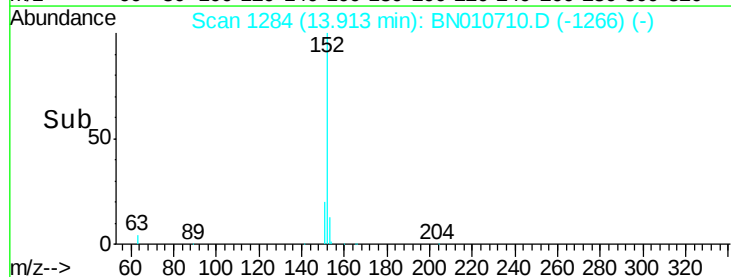
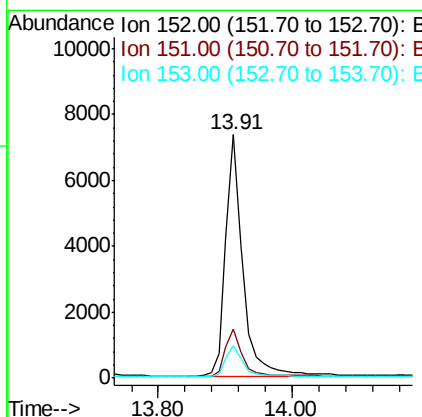
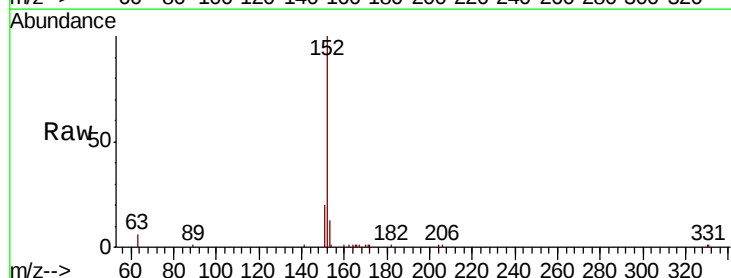
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

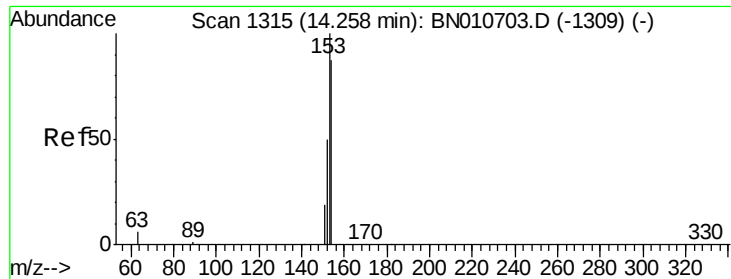
Tot Ion:172 Resp: 12784
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.1 19.8 29.8



#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:152 Resp: 13211
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.26 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

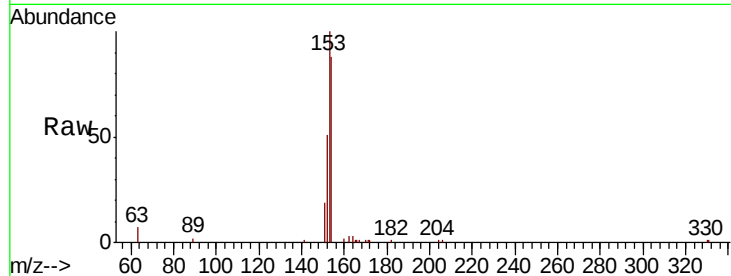
Tot Ion:154 Resp: 9408

Ion Ratio Lower Upper

154 100

153 113.1 91.5 137.3

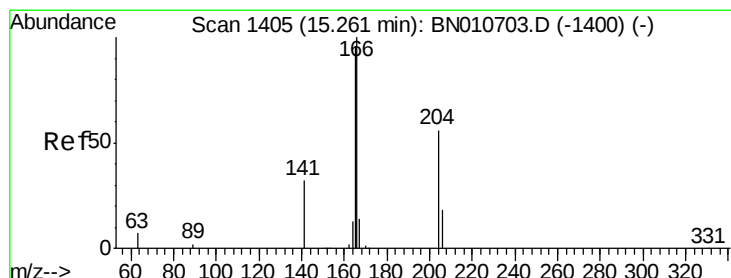
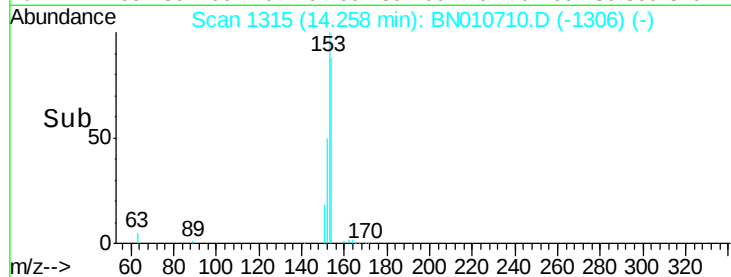
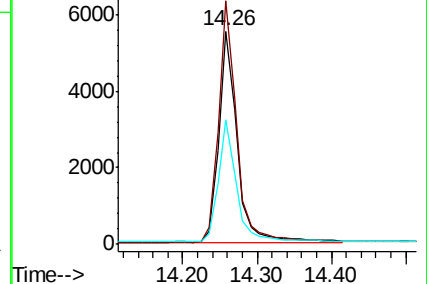
152 56.6 45.6 68.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.389 ng

RT: 15.25 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

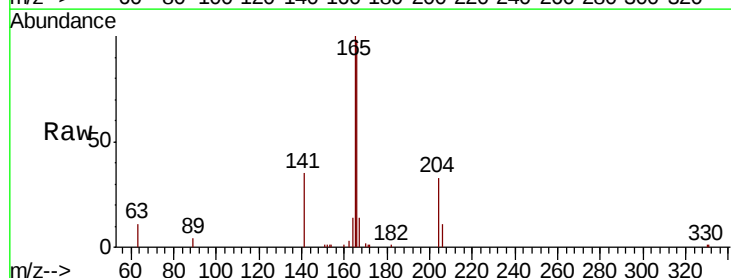
Tgt Ion:166 Resp: 12033

Ion Ratio Lower Upper

166 100

165 98.2 77.9 116.9

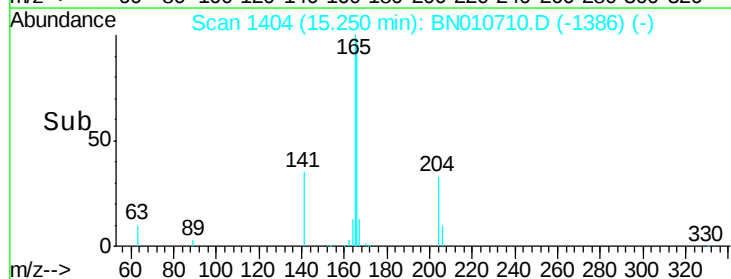
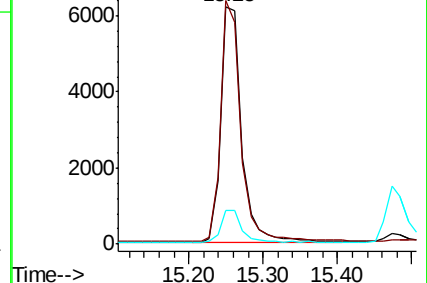
167 13.4 11.0 16.4

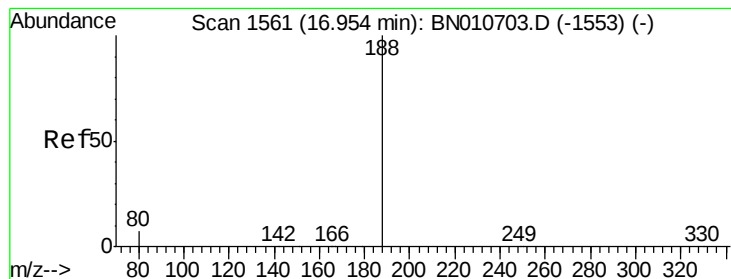


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

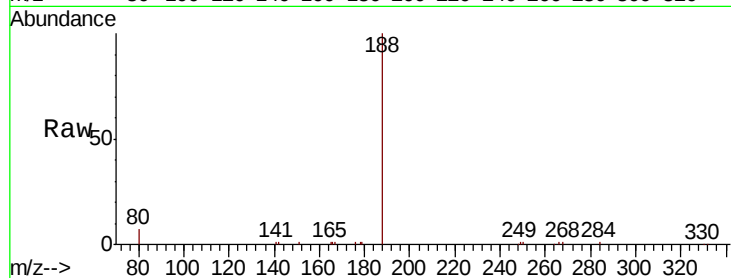
Tot Ion:188 Resp: 18160

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

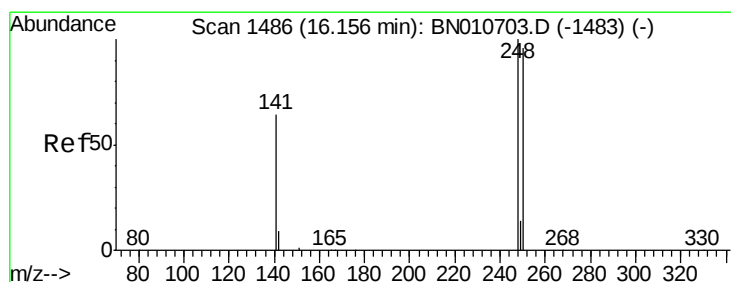
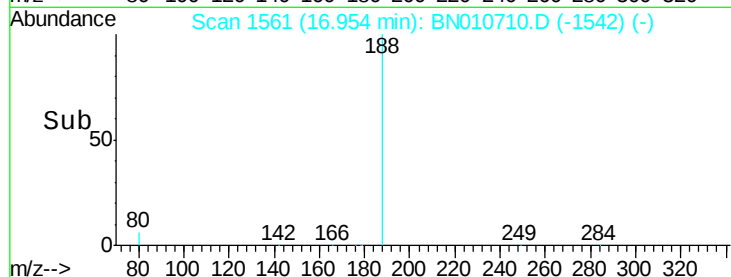
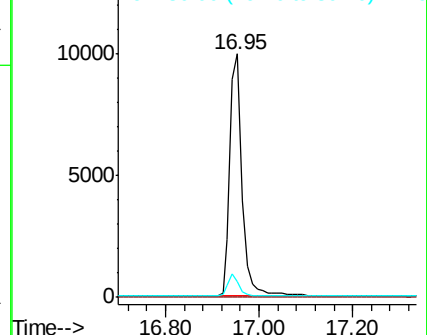
80 6.6 6.3 9.5



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: 0.385 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

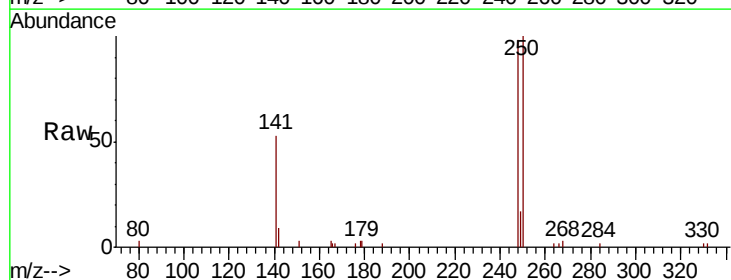
Tgt Ion:248 Resp: 3863

Ion Ratio Lower Upper

248 100

250 101.9 77.4 116.0

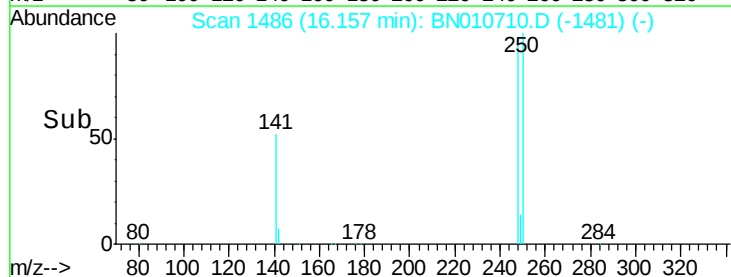
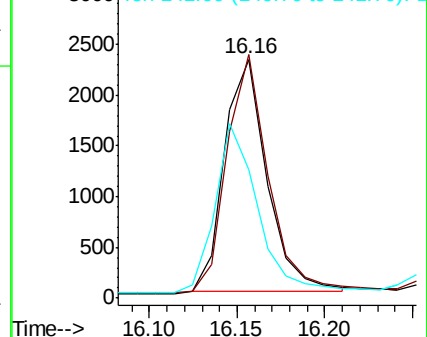
141 54.0 53.1 79.7

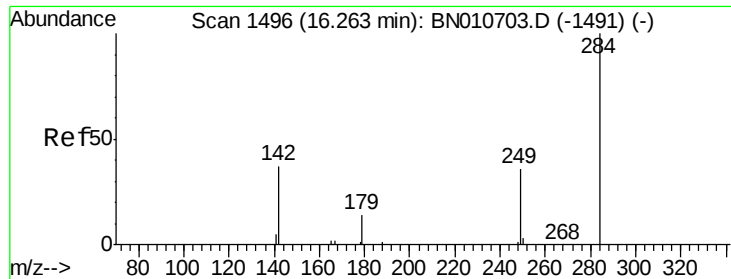


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.399 ng

RT: 16.26 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

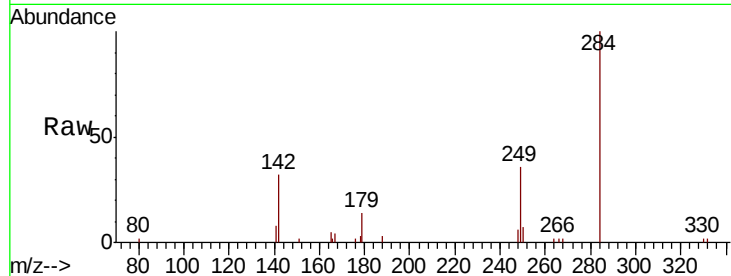
Tot Ion:284 Resp: 4762

Ion Ratio Lower Upper

284 100

142 34.9 28.2 42.2

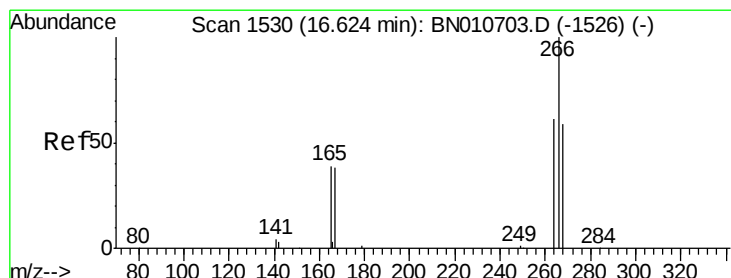
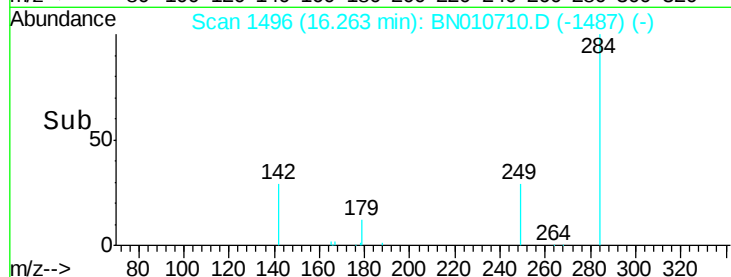
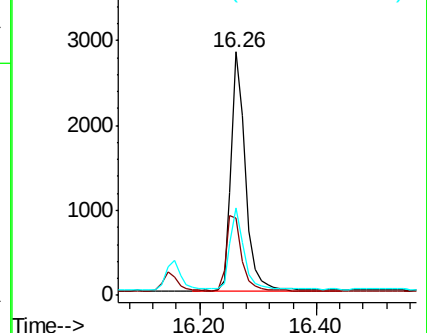
249 32.4 26.4 39.6



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: 0.407 ng

RT: 16.61 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

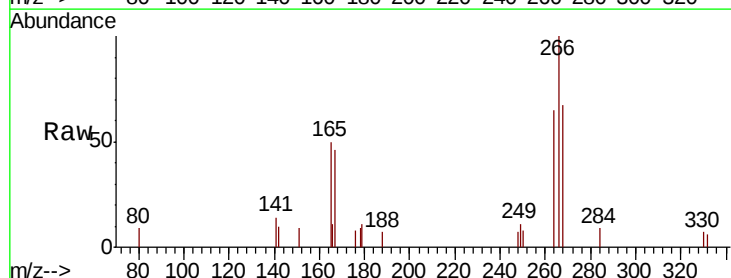
Tgt Ion:266 Resp: 1503

Ion Ratio Lower Upper

266 100

264 64.9 51.1 76.7

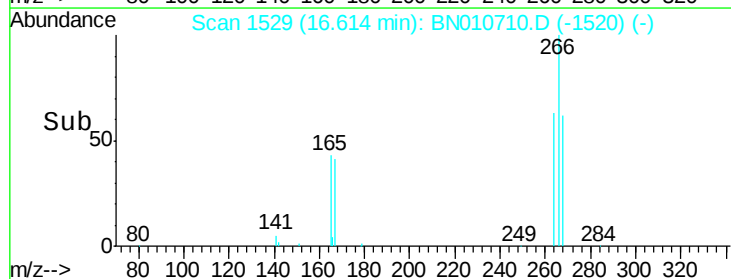
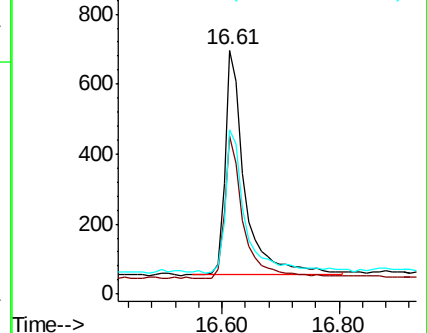
268 67.2 52.1 78.1

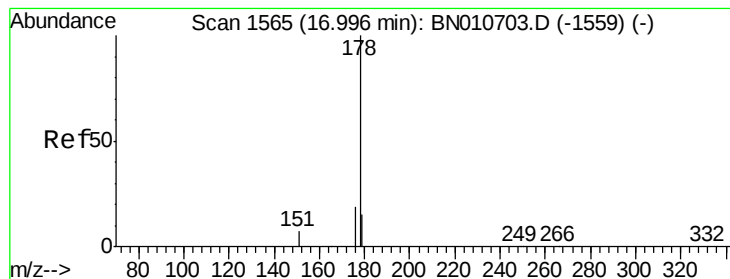


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.393 ng

RT: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

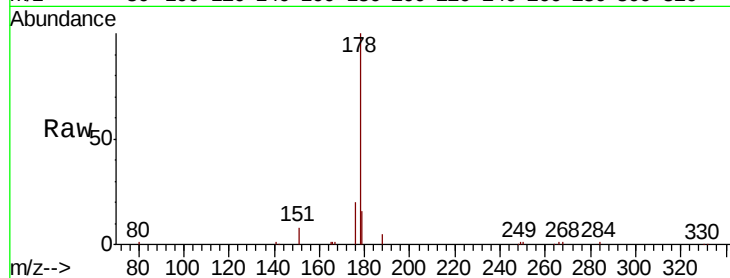
Tot Ion:178 Resp: 19133

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

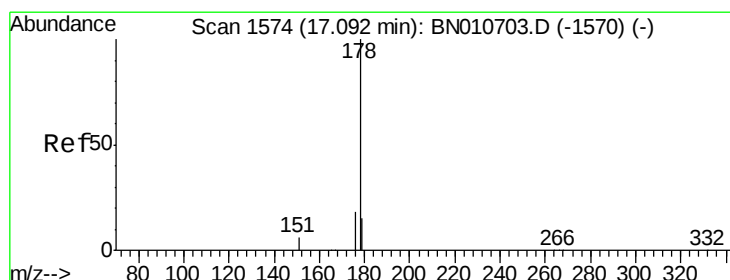
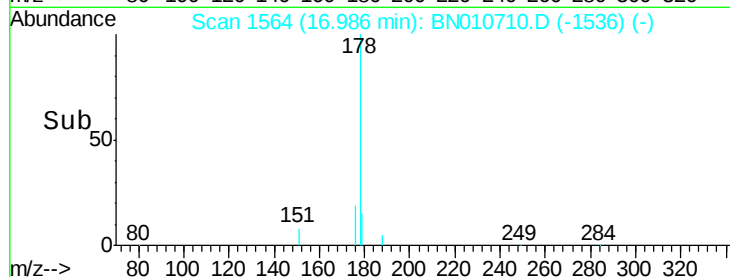
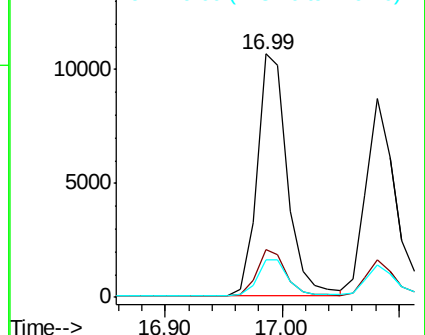
179 15.5 12.2 18.4



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: 0.381 ng

RT: 17.08 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

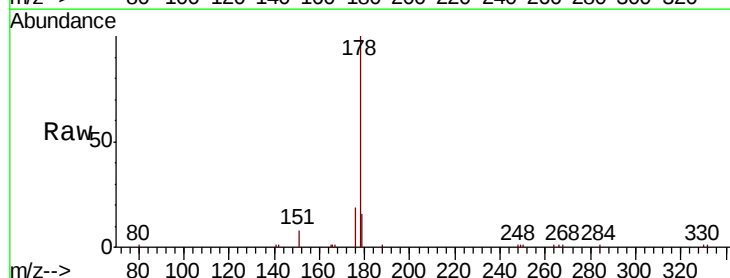
Tgt Ion:178 Resp: 15615

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

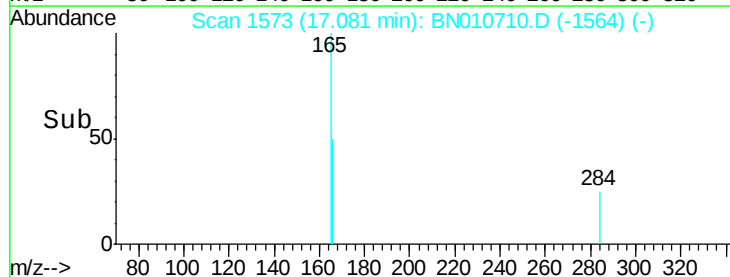
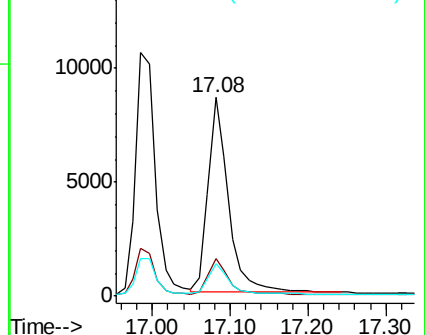
179 15.2 12.3 18.5

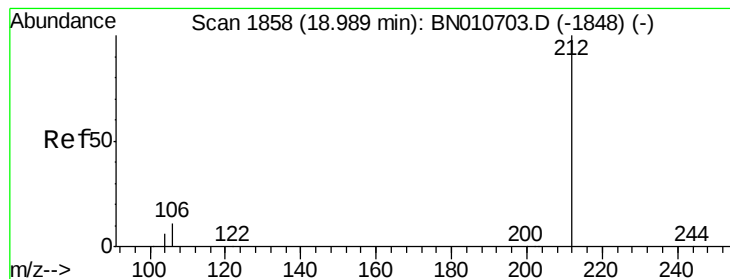


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

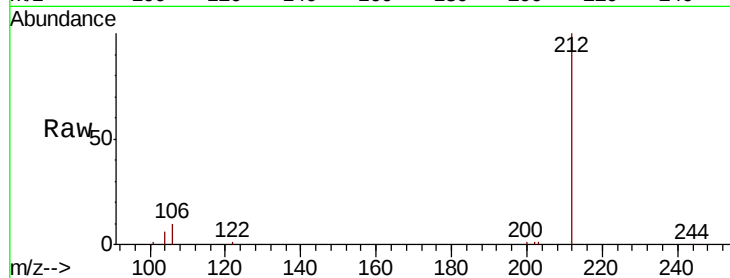
Tot Ion:212 Resp: 19263

Ion Ratio Lower Upper

212 100

106 10.1 8.2 12.2

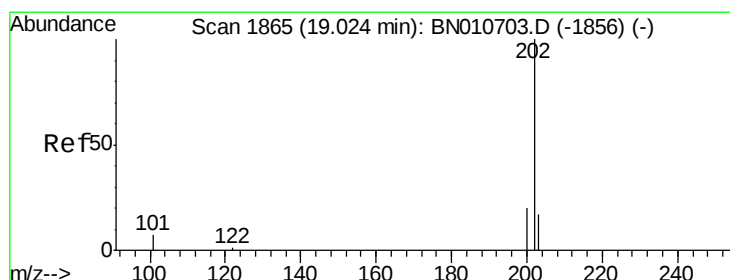
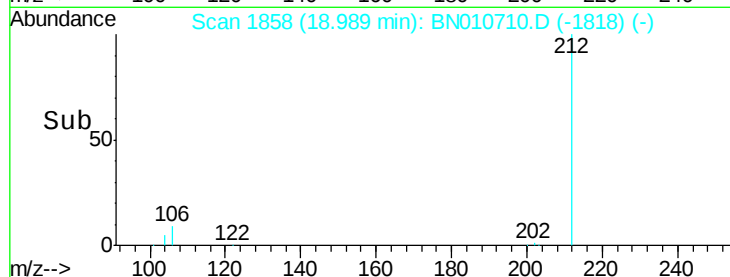
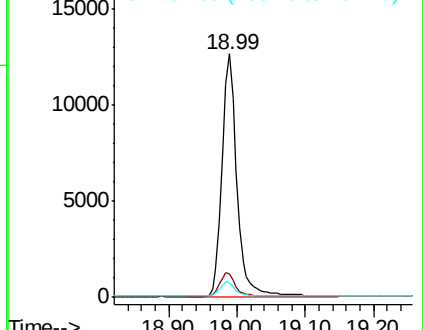
104 5.6 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.391 ng

RT: 19.02 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

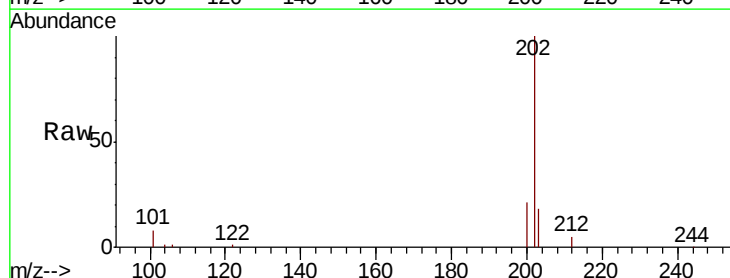
Tgt Ion:202 Resp: 21622

Ion Ratio Lower Upper

202 100

101 8.7 6.7 10.1

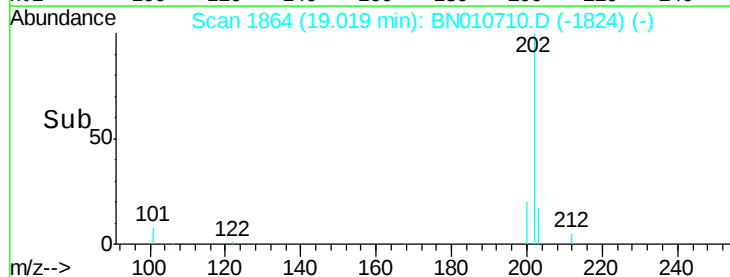
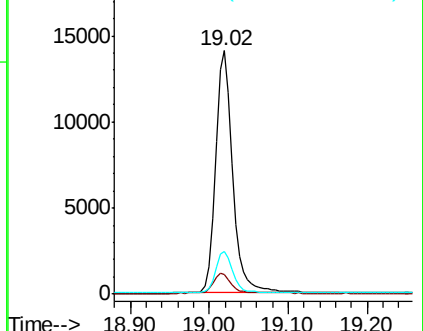
203 17.1 13.4 20.0

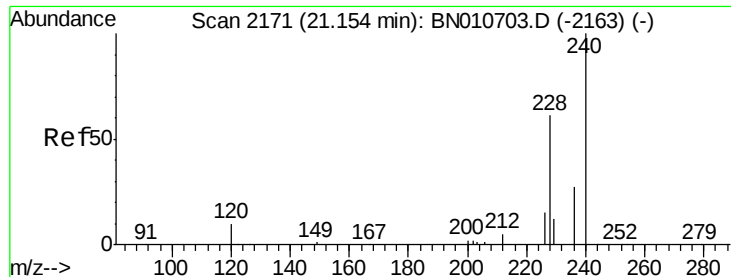


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

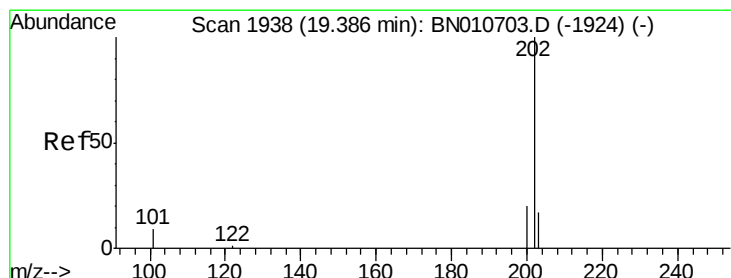
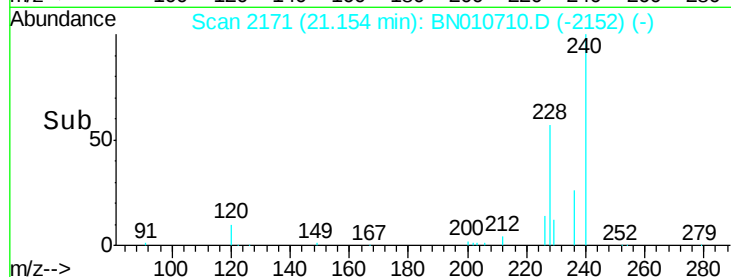
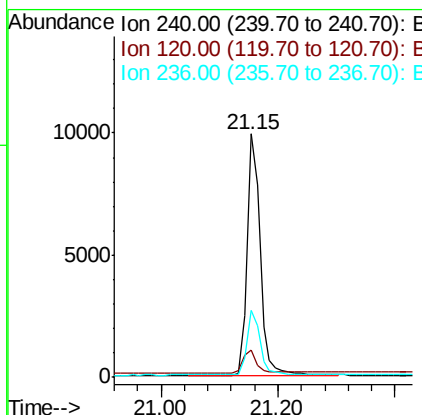
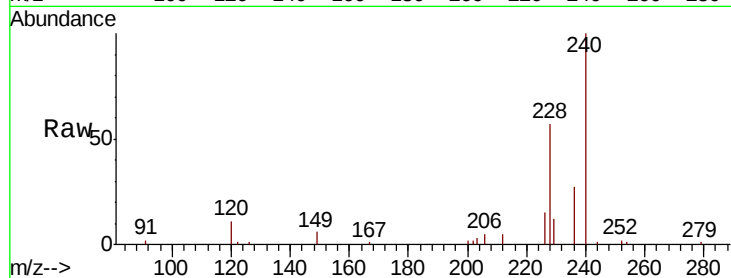




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

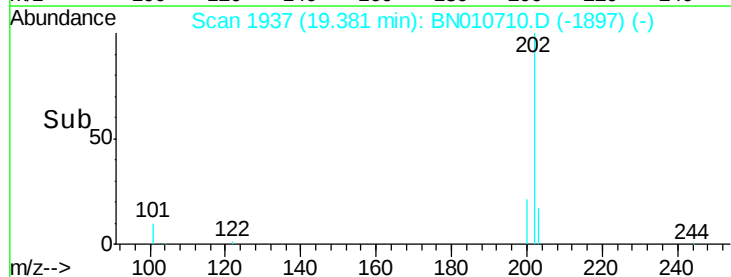
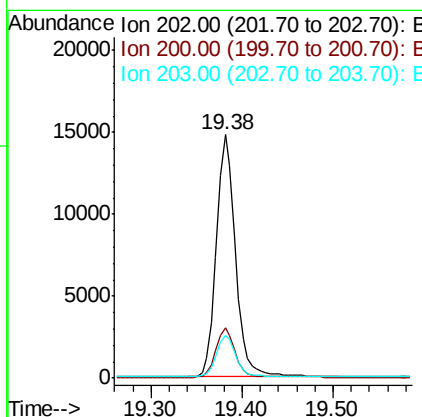
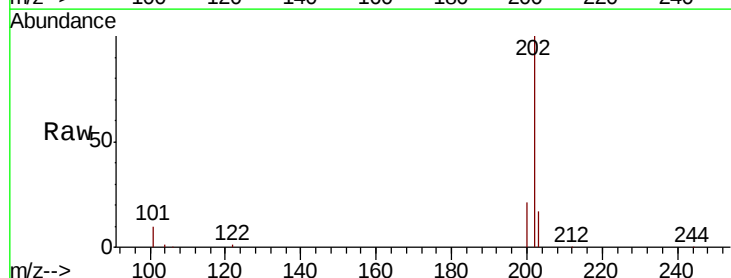
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

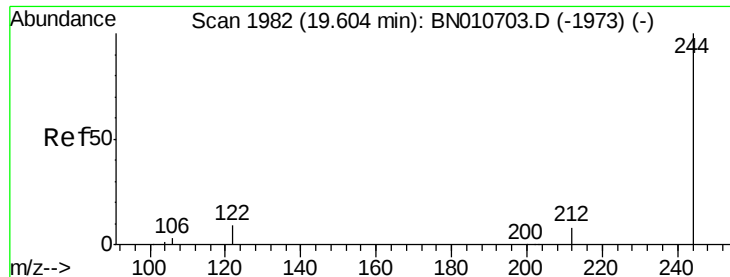
Tot Ion:240 Resp: 15505
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 27.3 22.5 33.7



#28
Pyrene
Concen: 0.387 ng
RT: 19.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:202 Resp: 21497
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.4
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 19.60 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

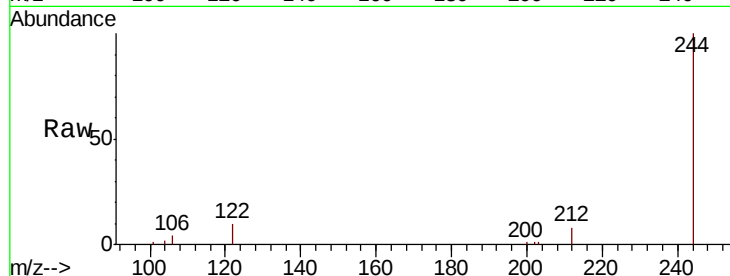
Tot Ion:244 Resp: 14705

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

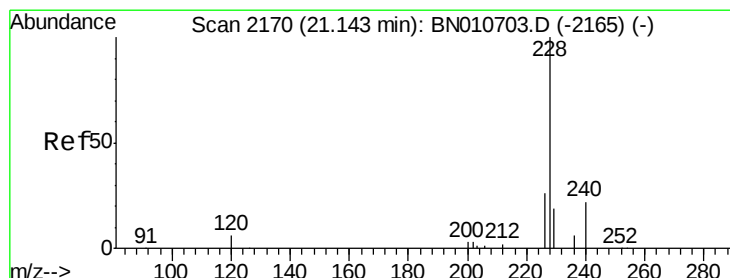
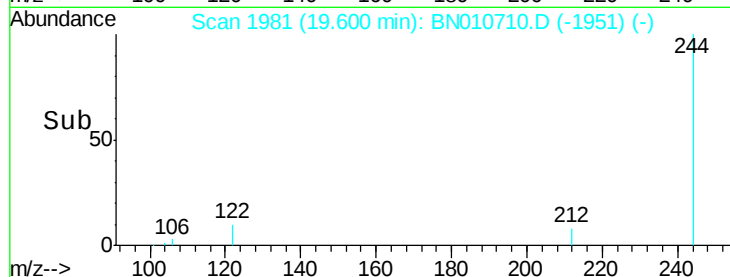
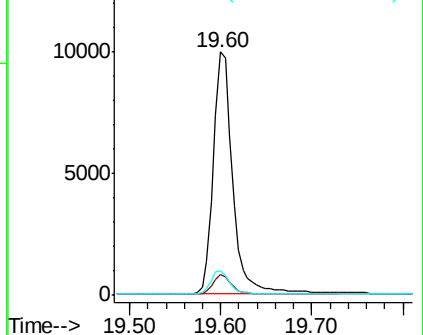
122 10.4 8.1 12.1



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: 0.373 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

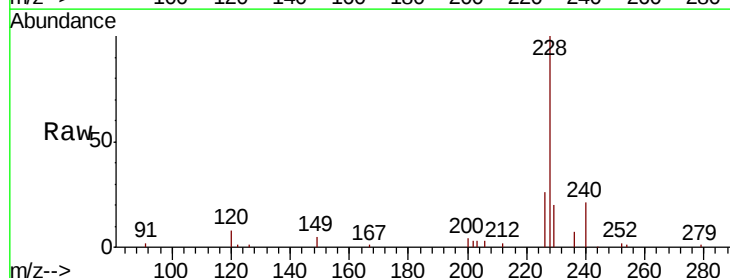
Tgt Ion:228 Resp: 16881

Ion Ratio Lower Upper

228 100

226 26.5 21.3 31.9

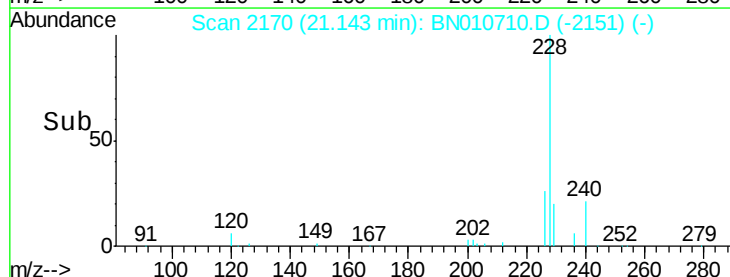
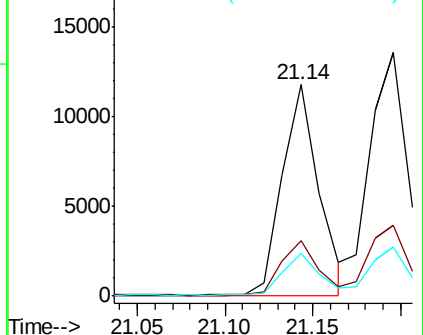
229 20.0 16.0 24.0

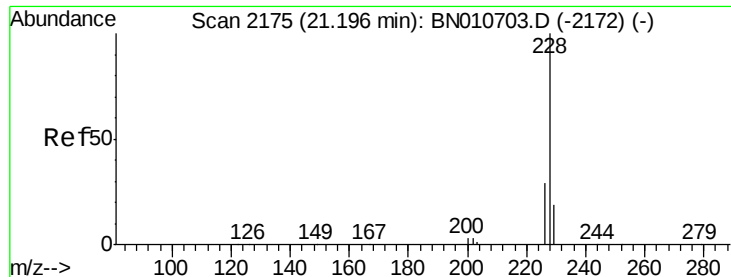


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

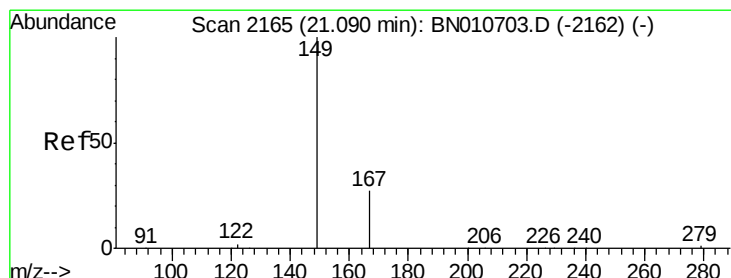
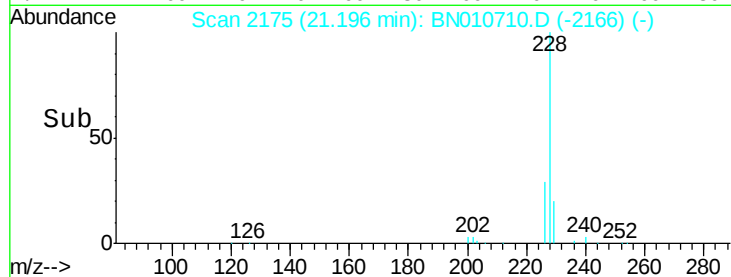
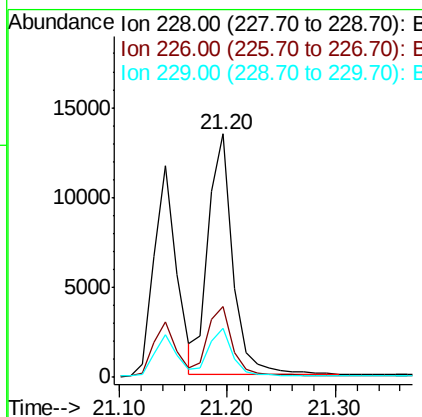
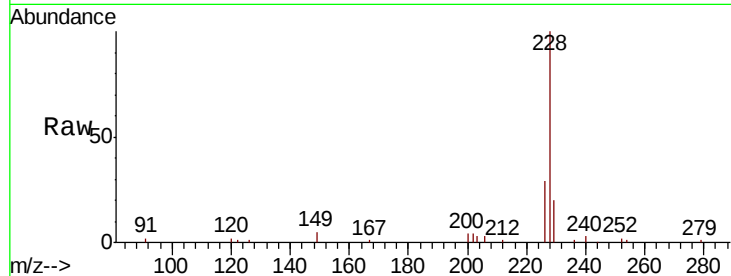




#31
 Chrvsene
 Concen: 0.408 ng
 RT: 21.20 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: BN010710.D
 Acq: 14 May 2020 12:14

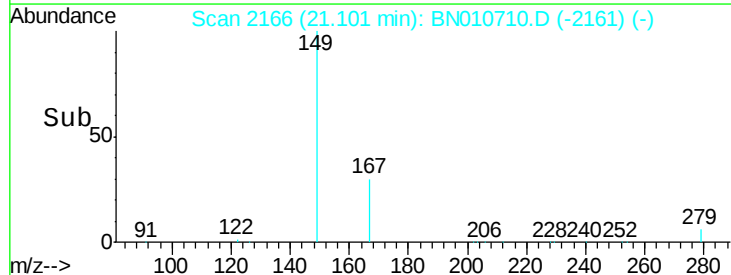
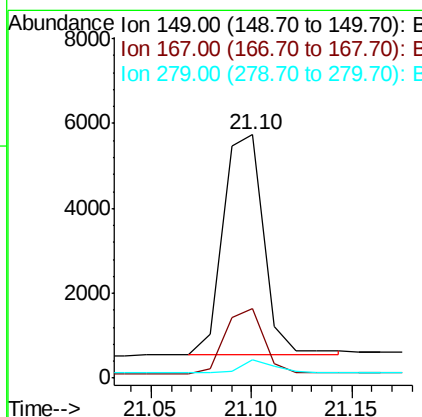
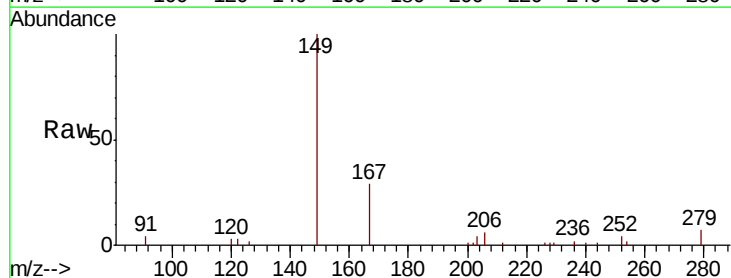
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

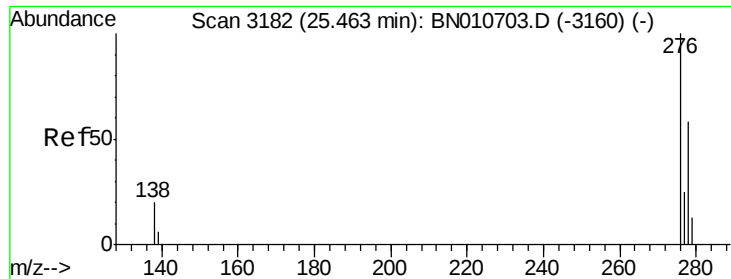
Tot Ion:228 Resp: 20892
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.4 35.0
 229 19.9 16.1 24.1



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.371 ng
 RT: 21.10 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BN010710.D
 Acq: 14 May 2020 12:14

Tgt Ion:149 Resp: 7339
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.5 33.7
 279 4.8 4.1 6.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.402 ng

RT: 25.47 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

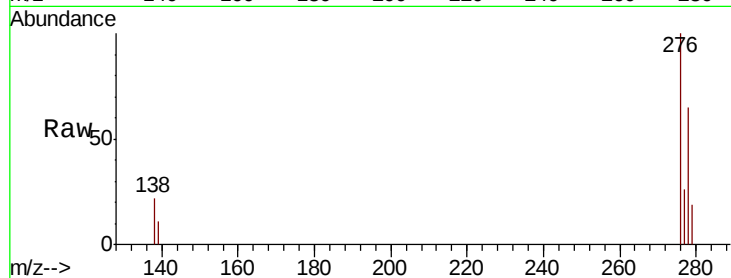
Tot Ion:276 Resp: 18297

Ion Ratio Lower Upper

276 100

138 18.9 15.1 22.7

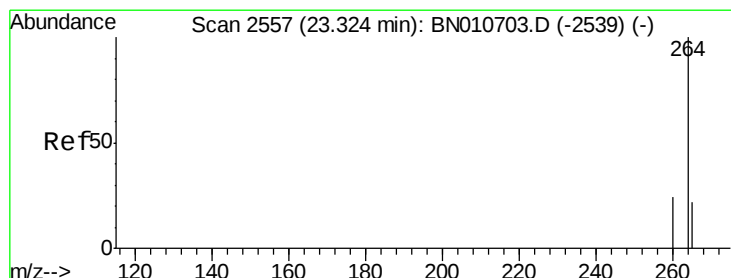
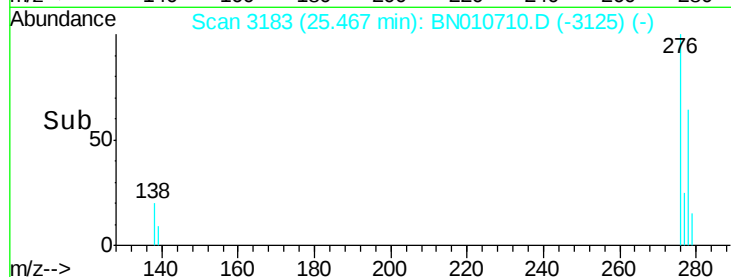
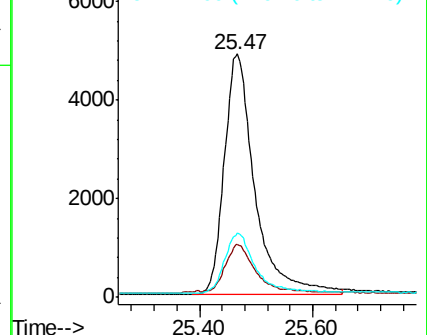
277 24.9 19.4 29.0



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: 0.400 ng

RT: 23.32 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

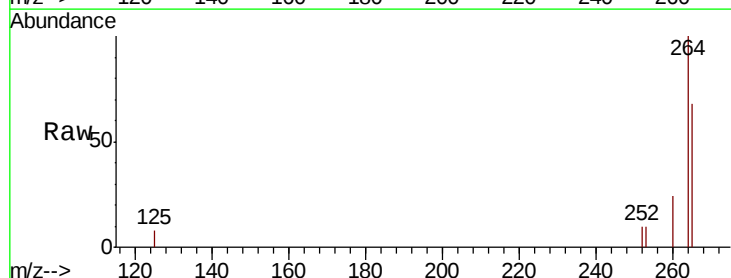
Tgt Ion:264 Resp: 14586

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

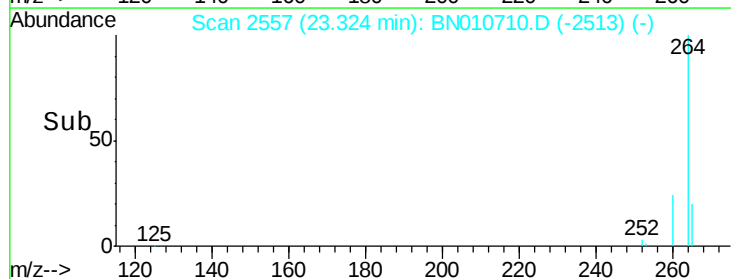
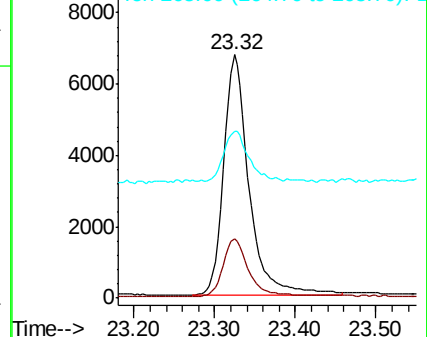
265 68.4 70.1 105.1#

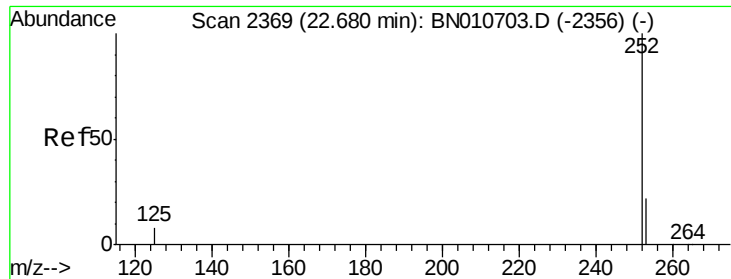


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

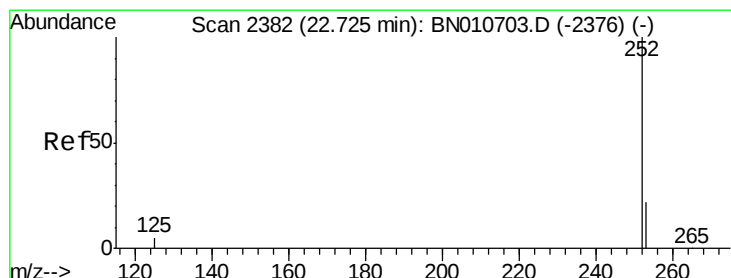
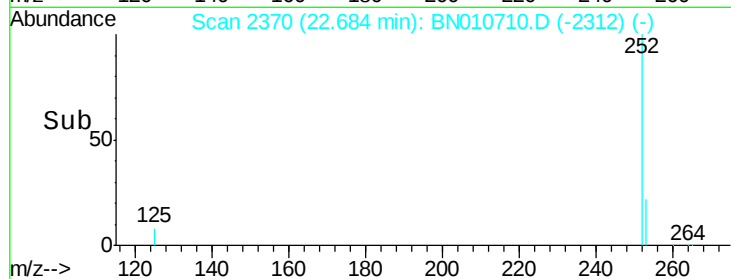
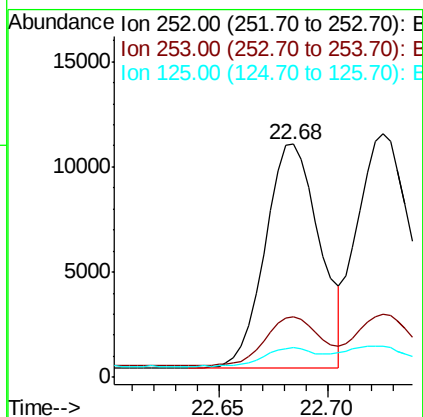
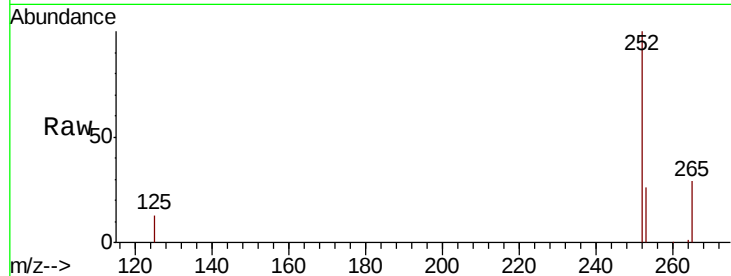




#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.68 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

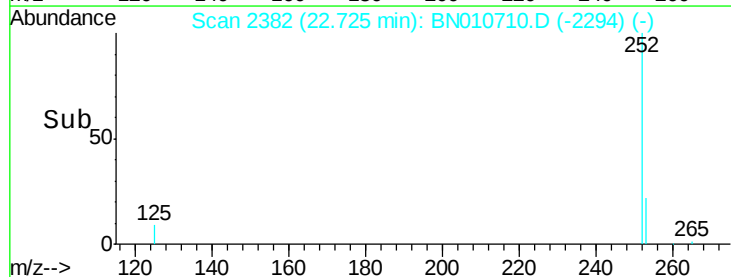
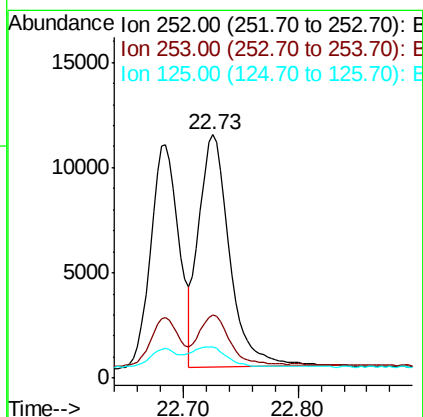
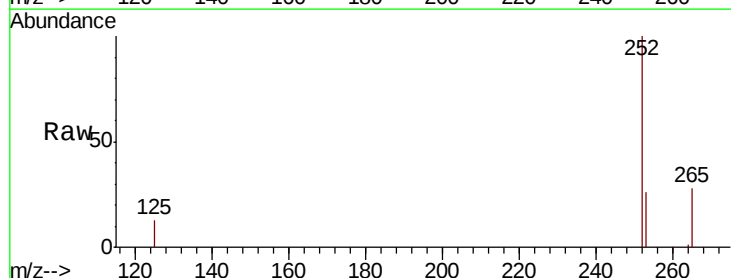
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

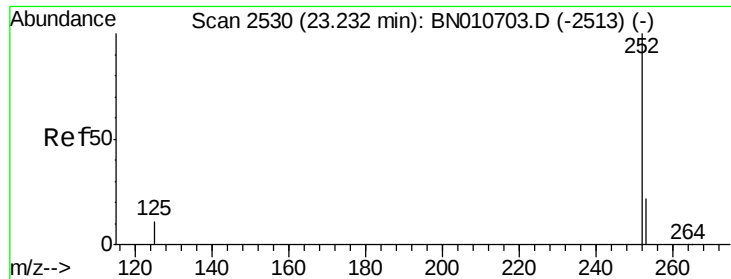
Tot Ion:252 Resp: 18413
Ion Ratio Lower Upper
252 100
253 25.9 22.0 33.0
125 12.6 10.8 16.2



#36
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.73 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:252 Resp: 20590
Ion Ratio Lower Upper
252 100
253 26.0 21.9 32.9
125 12.7 11.1 16.7





#37

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.23 min Scan# 2530

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

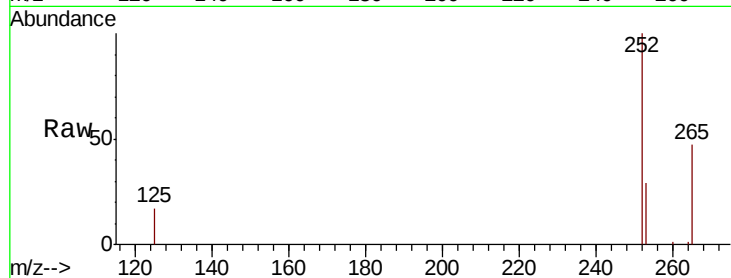
Tot Ion:252 Resp: 16060

Ion Ratio Lower Upper

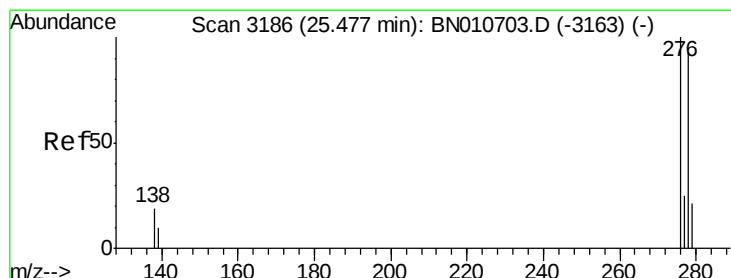
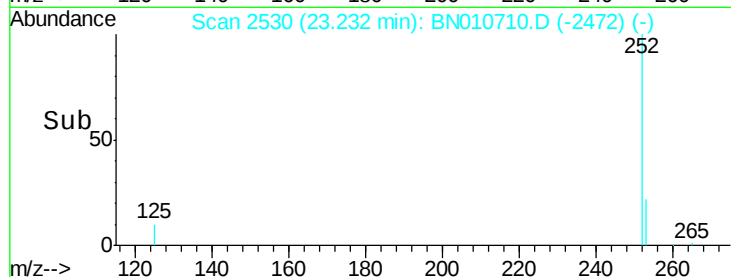
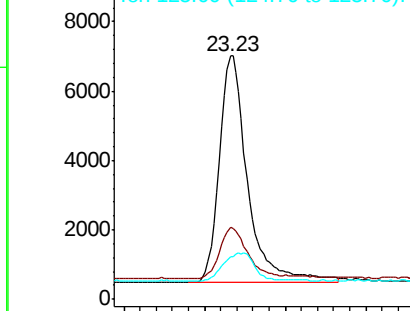
252 100

253 29.4 24.8 37.2

125 17.3 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: 0.396 ng

RT: 25.48 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

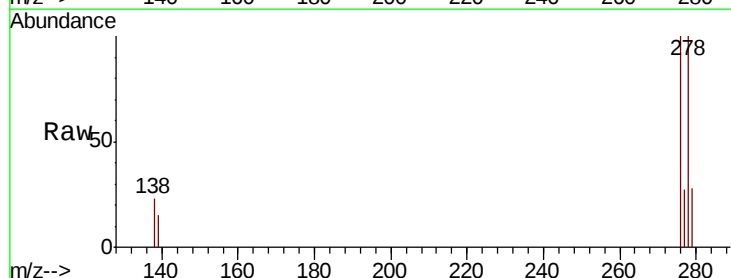
Tgt Ion:278 Resp: 14129

Ion Ratio Lower Upper

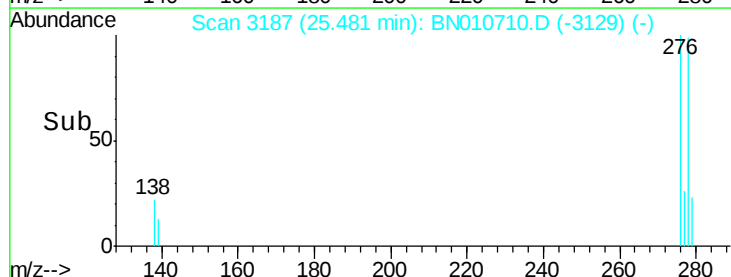
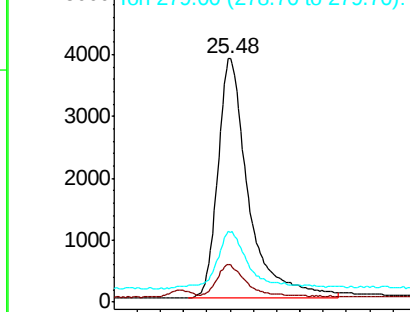
278 100

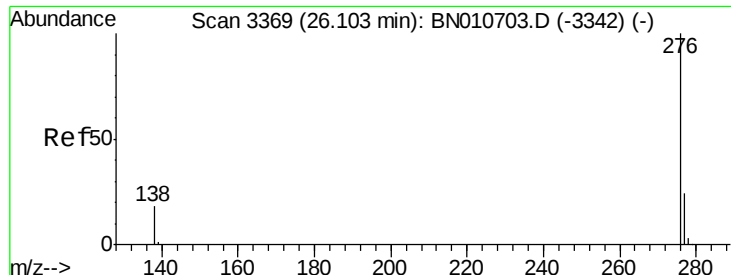
139 15.2 13.0 19.4

279 28.5 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: 0.386 ng

RT: 26.11 min Scan# 3370

Delta R.T. 0.00 min

Lab File: BN010710.D

Acq: 14 May 2020 12:14

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

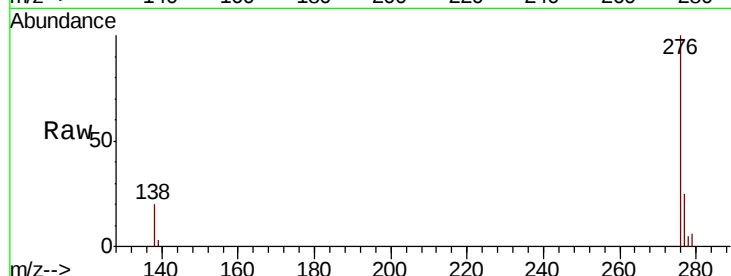
Tot Ion:276 Resp: 16133

Ion Ratio Lower Upper

276 100

277 25.4 20.6 30.8

138 19.9 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

