

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011020.D
 Acq On : 23 Jun 2020 03:28
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 23 05:34:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2864	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	9317	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	5109	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	10760	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	10351	0.40	ng	-0.01
34) Perylene-d12	23.25	264	11083	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2801	0.51	ng	0.00
5) Phenol-d6	6.72	99	2949	0.45	ng	0.00
8) Nitrobenzene-d5	8.66	82	2915	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	11.87	152	6023	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	731	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	8419	0.42	ng	-0.01
25) Fluoranthene-d10	18.94	212	12183	0.41	ng	0.00
29) Terphenyl-d14	19.55	244	9654	0.40	ng	0.00

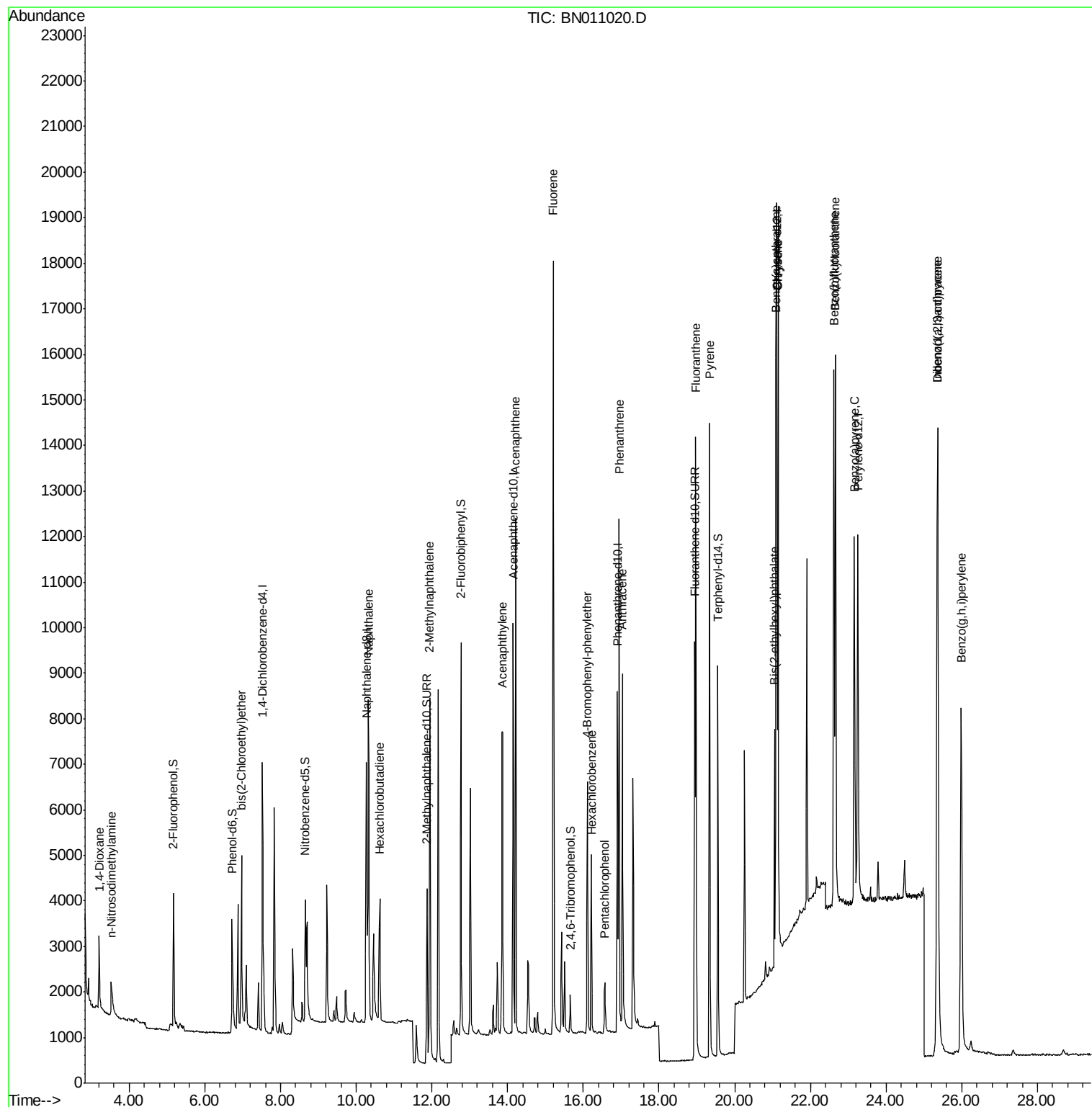
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	1290	0.460	ng	99
3) n-Nitrosodimethylamine	3.53	42	768	0.471	ng	# 95
6) bis(2-Chloroethyl)ether	6.97	93	3420	0.539	ng	96
9) Naphthalene	10.32	128	9758	0.417	ng	99
10) Hexachlorobutadiene	10.62	225	2274	0.393	ng	# 99
12) 2-Methylnaphthalene	11.94	142	6546	0.418	ng	99
16) Acenaphthylene	13.87	152	8870	0.424	ng	99
17) Acenaphthene	14.21	154	5965	0.418	ng	99
18) Fluorene	15.21	166	7664	0.416	ng	99
20) 4-Bromophenyl-phenylether	16.10	248	2888	0.447	ng	# 86
21) Hexachlorobenzene	16.22	284	2975	0.441	ng	100
22) Pentachlorophenol	16.57	266	782	0.345	ng	97
23) Phenanthrene	16.94	178	11905	0.405	ng	99
24) Anthracene	17.04	178	10161	0.414	ng	99
26) Fluoranthene	18.97	202	13653	0.409	ng	99
28) Pyrene	19.34	202	13666	0.399	ng	100
30) Benzo(a)anthracene	21.09	228	12581	0.414	ng	97
31) Chrysene	21.14	228	14104	0.398	ng	98
32) Bis(2-ethylhexyl)phthalate	21.05	149	5036	0.496	ng	96
33) Indeno(1,2,3-cd)pyrene	25.35	276	17656	0.446	ng	# 96
35) Benzo(b)fluoranthene	22.62	252	14353	0.381	ng	98
36) Benzo(k)fluoranthene	22.66	252	15333	0.382	ng	98
37) Benzo(a)pyrene	23.16	252	12658	0.392	ng	95
38) Dibenzo(a,h)anthracene	25.36	278	14303	0.388	ng	96
39) Benzo(g,h,i)perylene	25.98	276	16378	0.425	ng	98

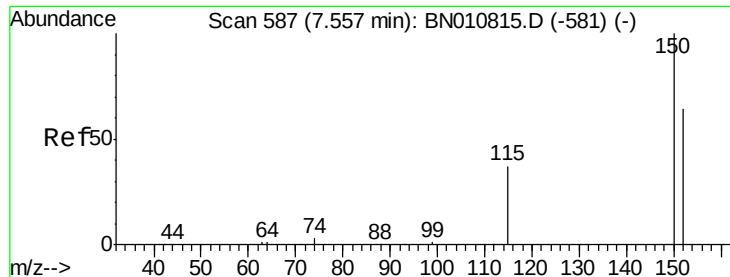
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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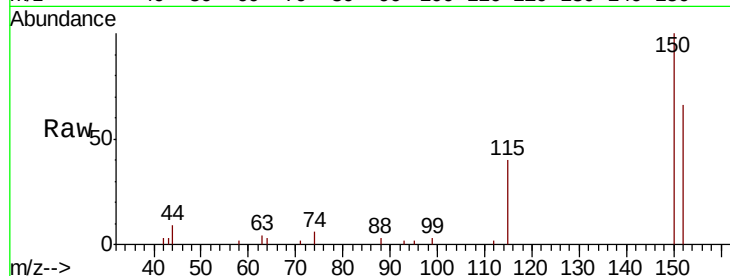


#1

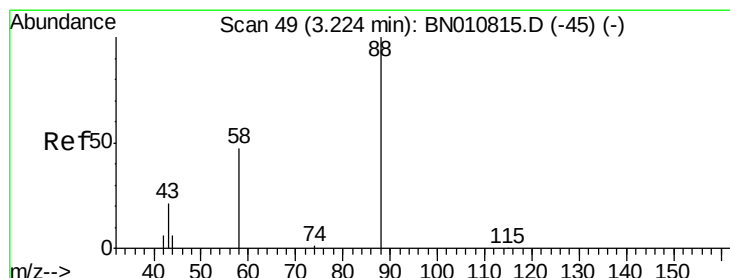
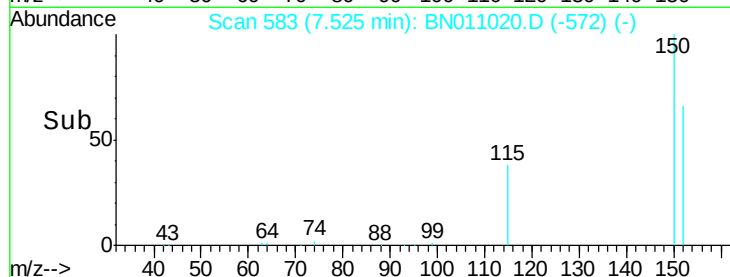
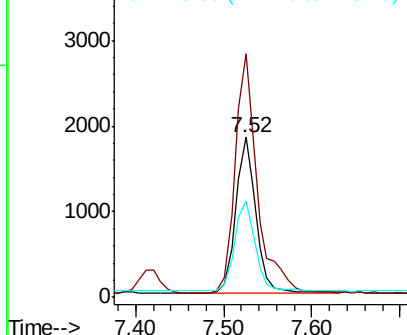
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2864
Ion Ratio Lower Upper
152 100
150 152.0 123.8 185.6
115 60.1 49.2 73.8



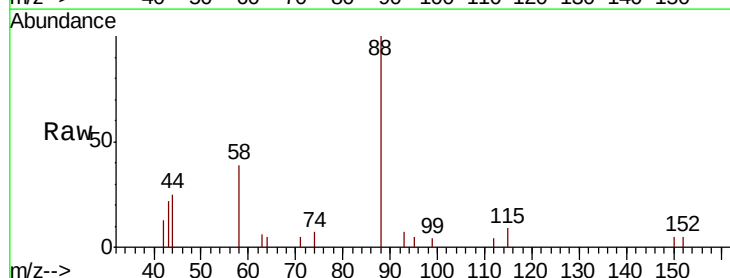
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



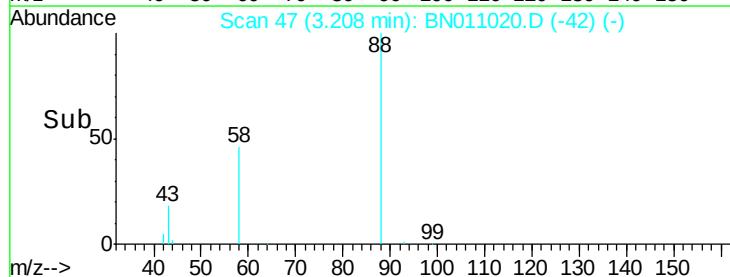
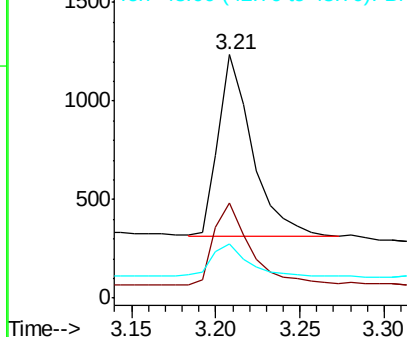
#2

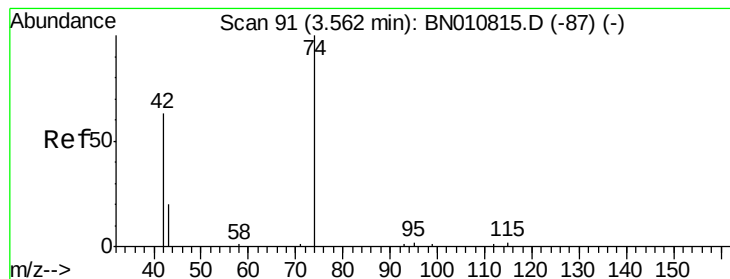
1,4-Dioxane
Concen: 0.460 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion: 88 Resp: 1290
Ion Ratio Lower Upper
88 100
58 48.1 38.2 57.4
43 18.4 15.1 22.7



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: 0.471 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.02 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

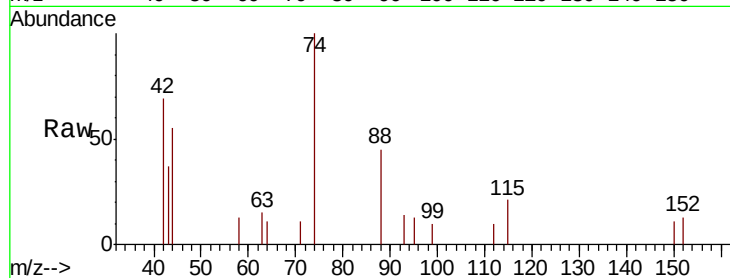
Tot Ion: 42 Resp: 768

Ion Ratio Lower Upper

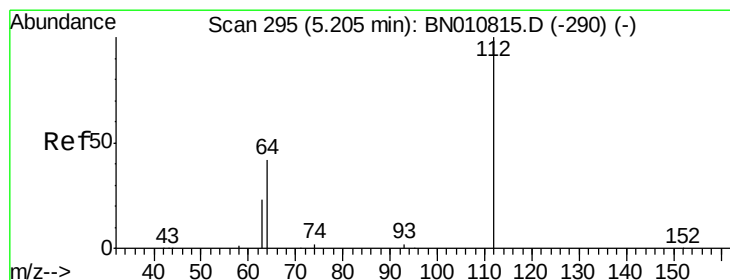
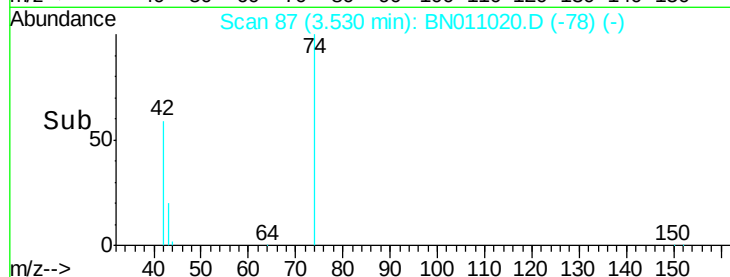
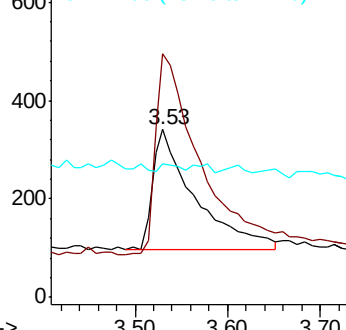
42 100

74 182.7 140.7 211.1

44 2.2 1.4 2.2#



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: 0.507 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

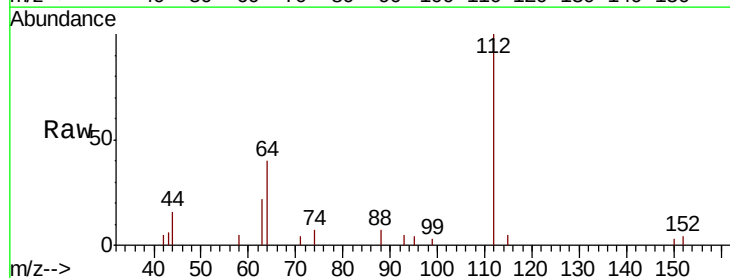
Tgt Ion: 112 Resp: 2801

Ion Ratio Lower Upper

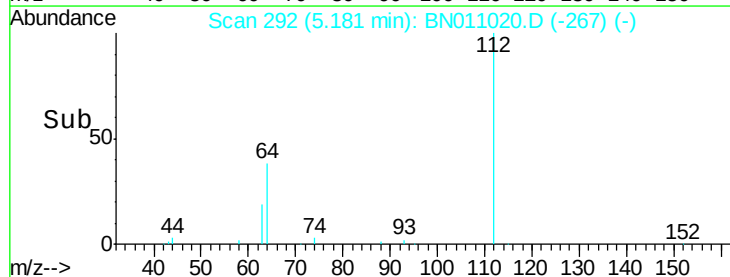
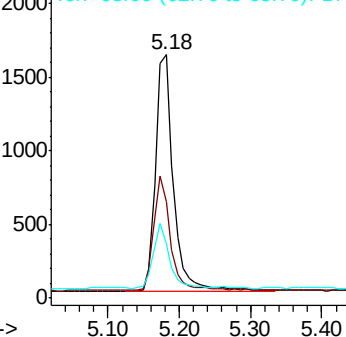
112 100

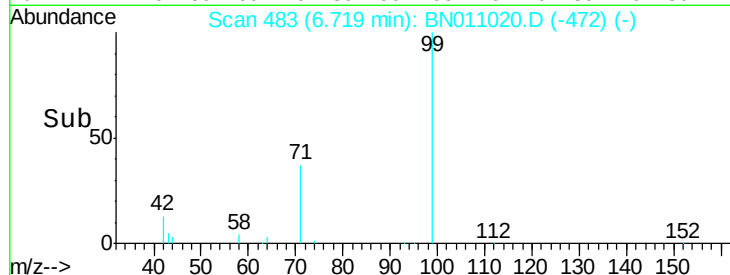
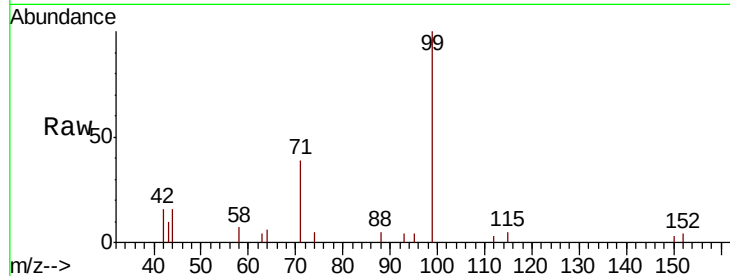
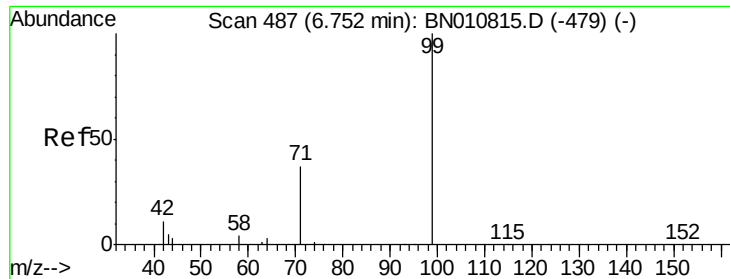
64 45.1 37.4 56.0

63 25.4 22.2 33.4



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: 0.453 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

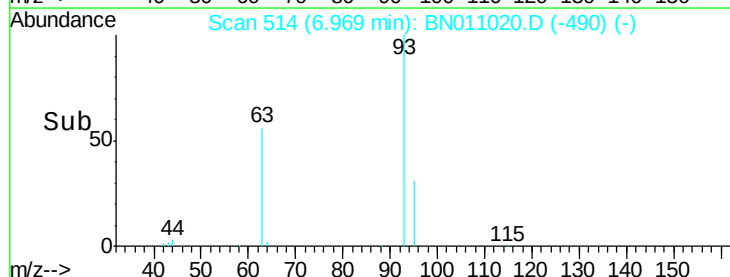
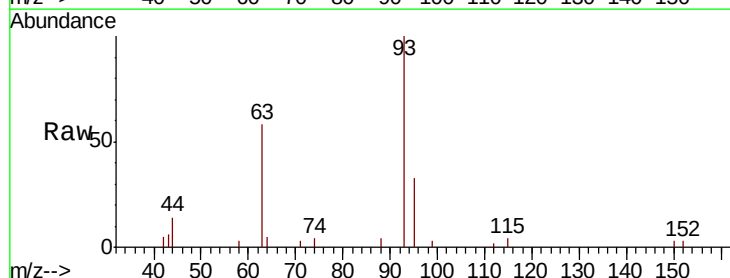
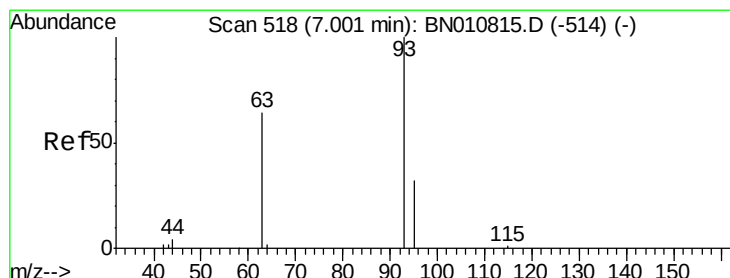
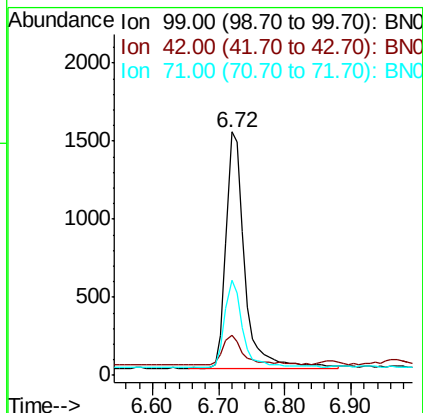
Tot Ion: 99 Resp: 2949

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

71 36.0 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.539 ng

RT: 6.97 min Scan# 514

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

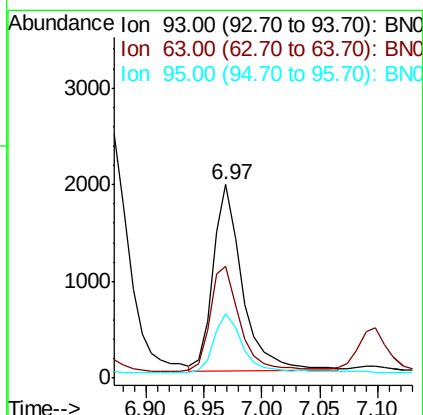
Tgt Ion: 93 Resp: 3420

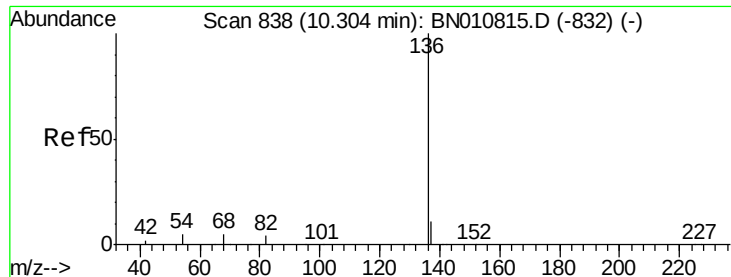
Ion Ratio Lower Upper

93 100

63 58.3 49.4 74.2

95 31.8 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 9317

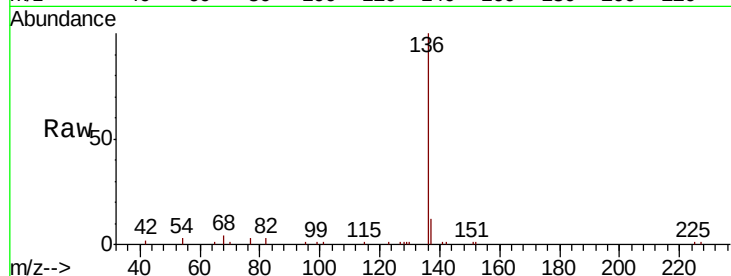
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 3.3 4.9 7.3#

68 3.9 4.7 7.1#

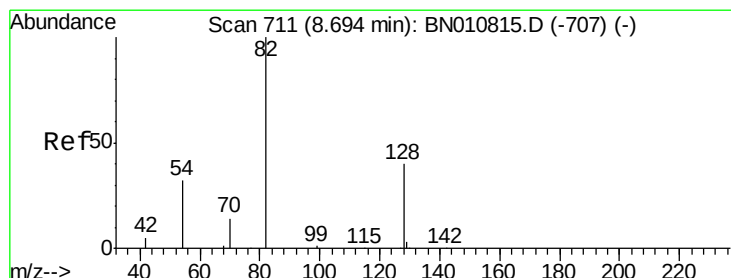
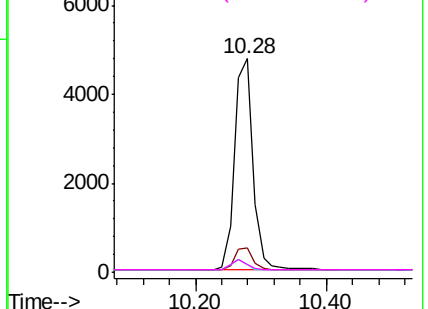
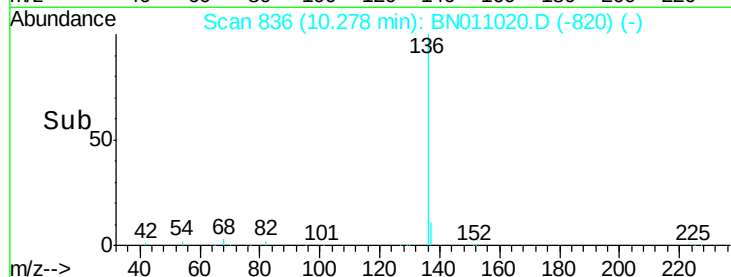


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.423 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

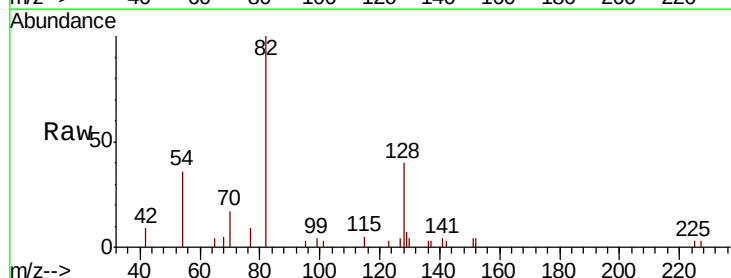
Tgt Ion: 82 Resp: 2915

Ion Ratio Lower Upper

82 100

128 40.0 35.4 53.0

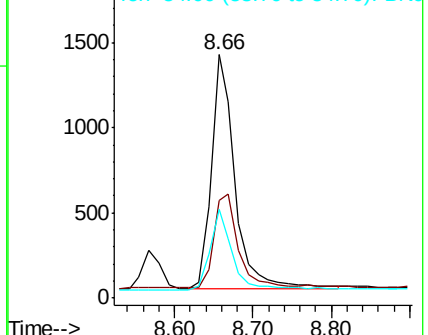
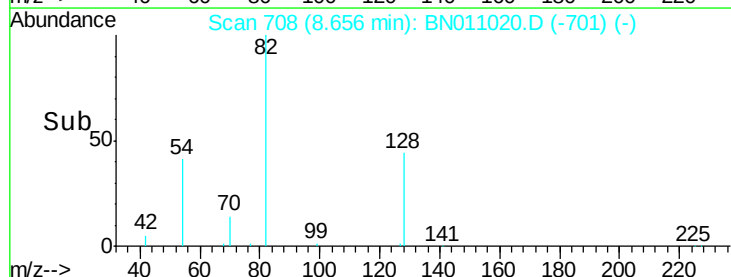
54 36.2 28.2 42.4

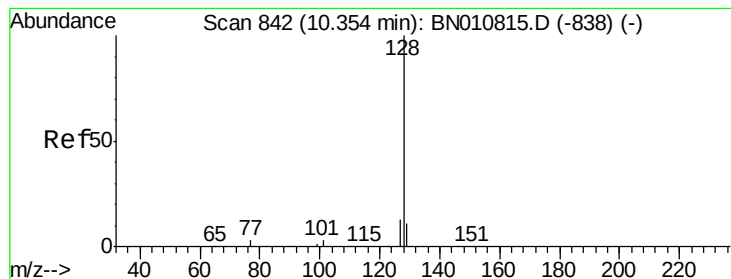


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.417 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

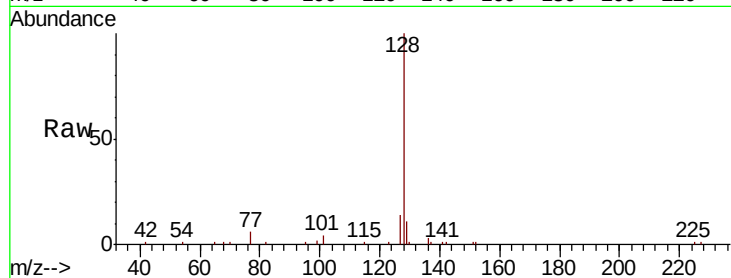
Tot Ion:128 Resp: 9758

Ion Ratio Lower Upper

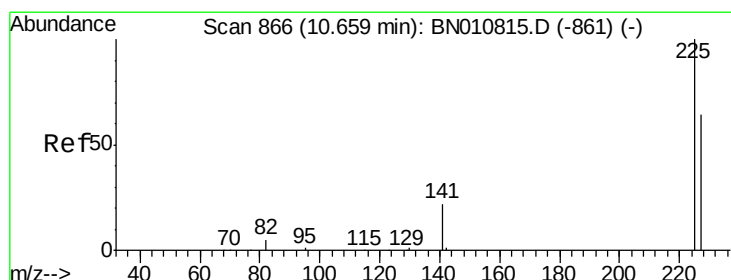
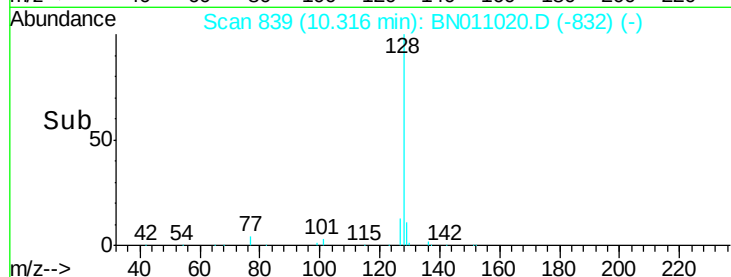
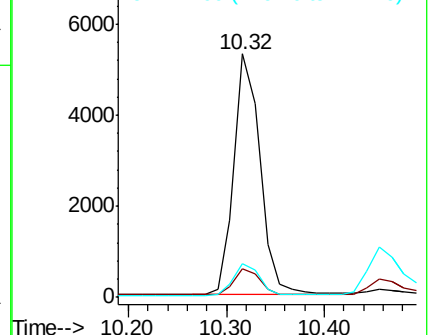
128 100

129 11.5 9.6 14.4

127 14.0 11.4 17.2



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: 0.393 ng

RT: 10.62 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

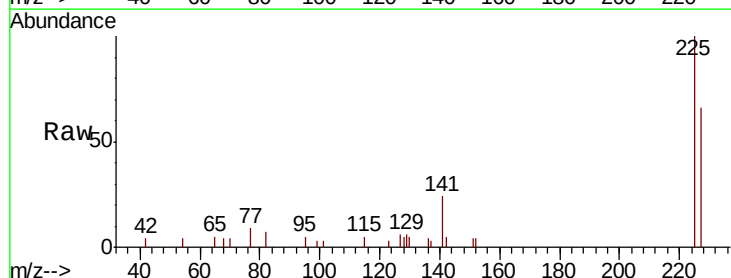
Tgt Ion:225 Resp: 2274

Ion Ratio Lower Upper

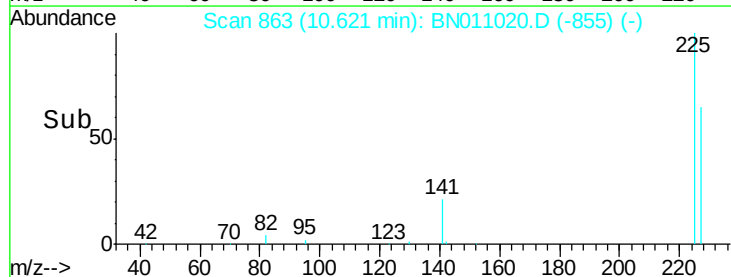
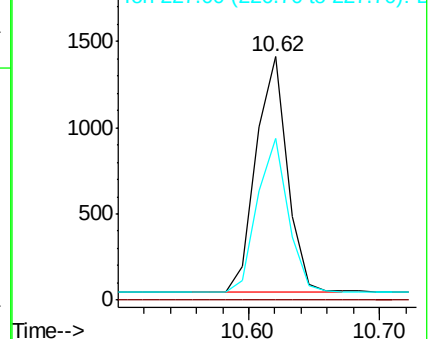
225 100

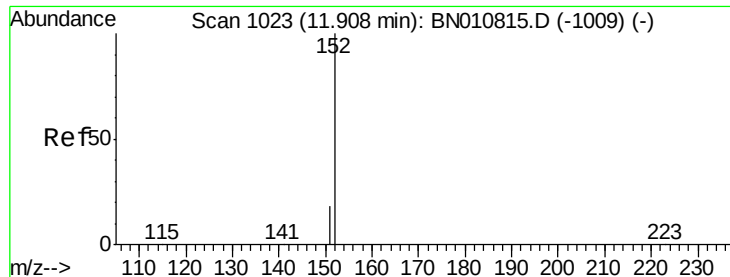
223 0.0 0.0 0.0

227 64.2 50.5 75.7



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

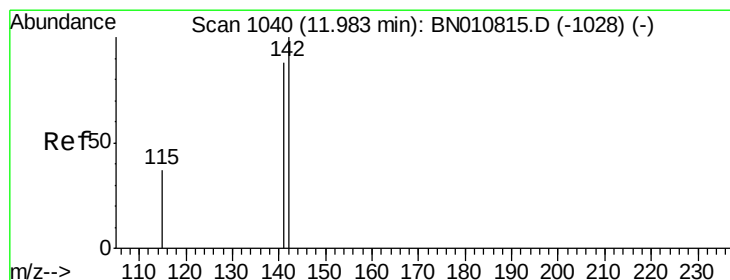
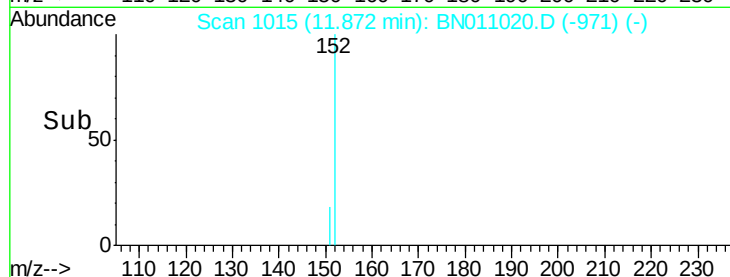
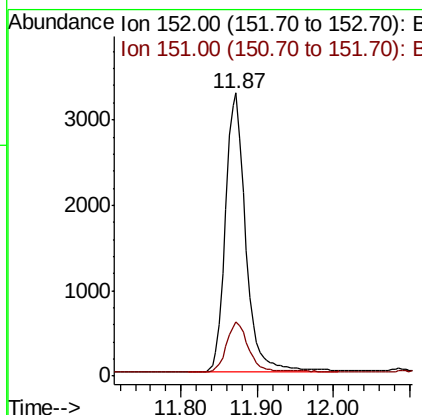
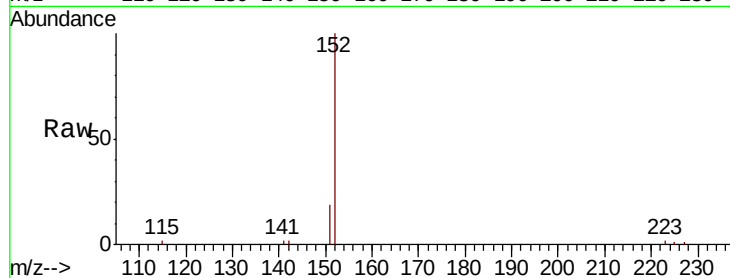




#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 11.87 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

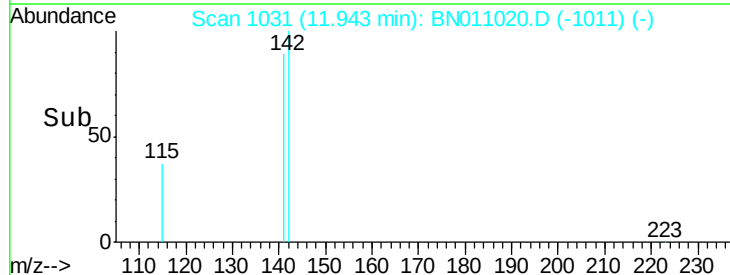
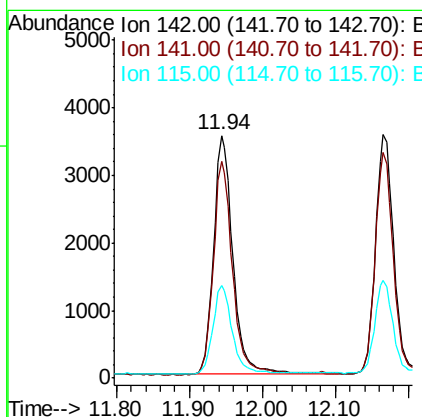
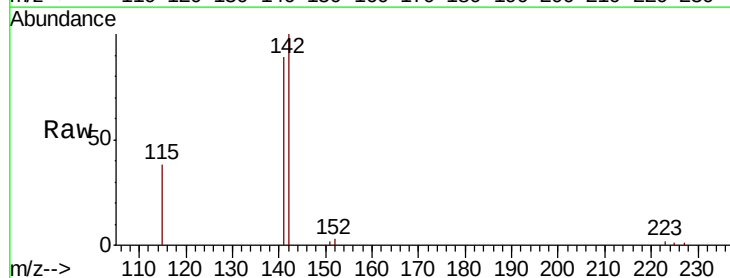
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

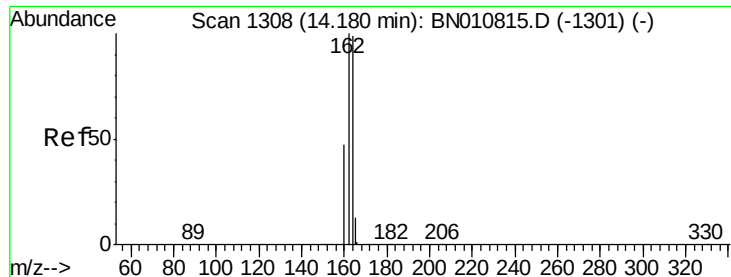
Tot Ion:152 Resp: 6023
Ion Ratio Lower Upper
152 100
151 18.7 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.418 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:142 Resp: 6546
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2
115 38.0 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

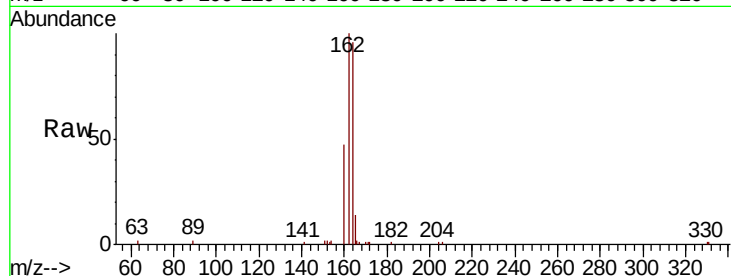
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:164 Resp: 5109

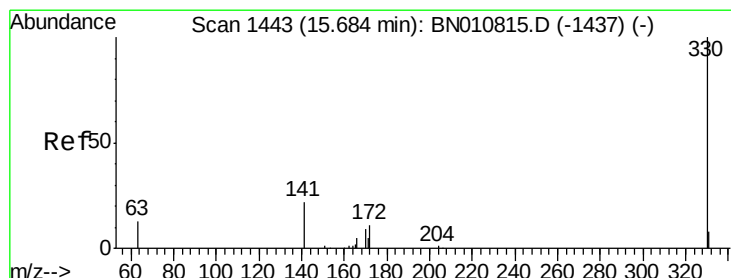
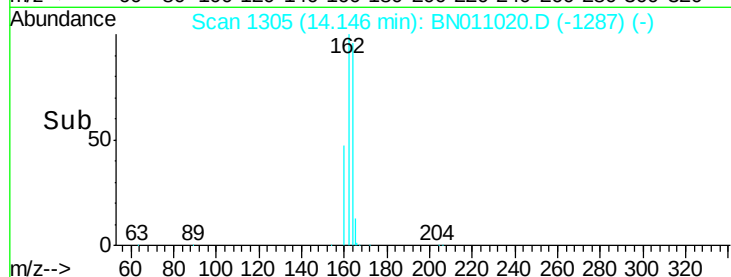
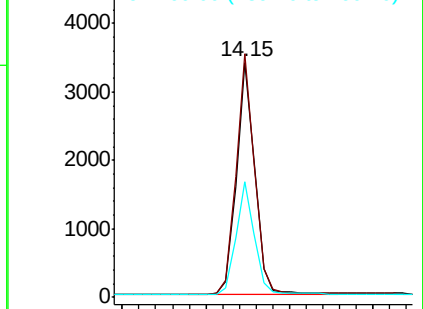
Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.0	121.6
160	49.0	38.9	58.3



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: 0.400 ng

RT: 15.65 min Scan# 1440

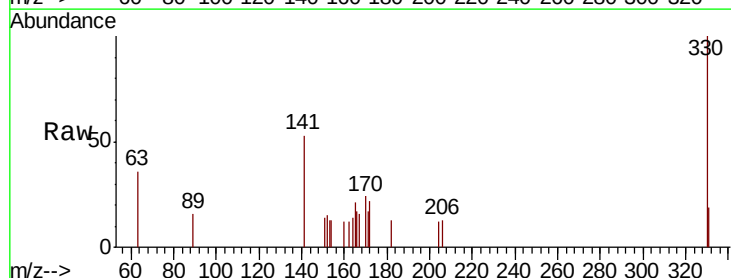
Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Tgt Ion:330 Resp: 731

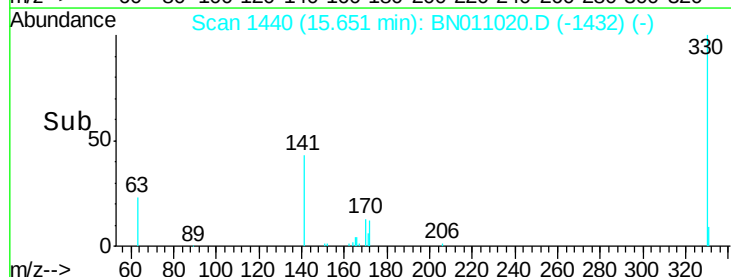
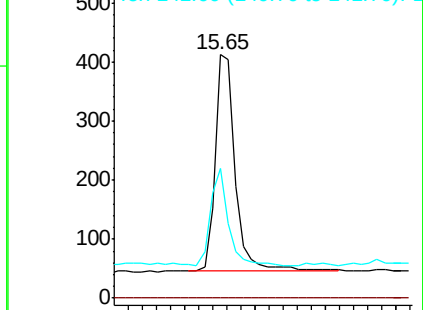
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.0	33.2	49.8

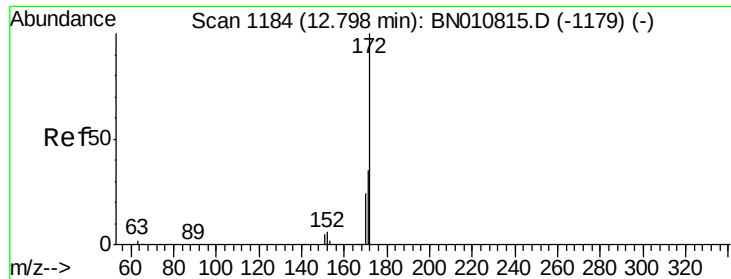


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

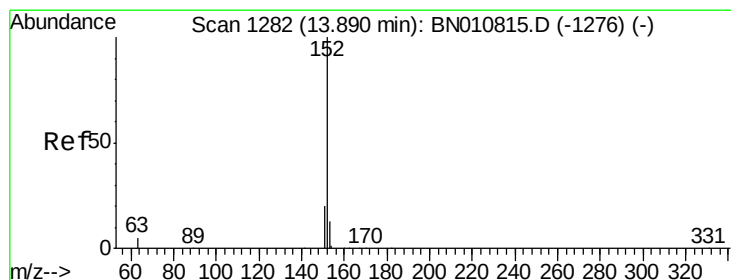
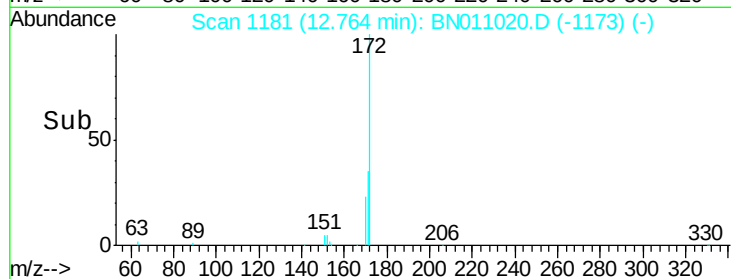
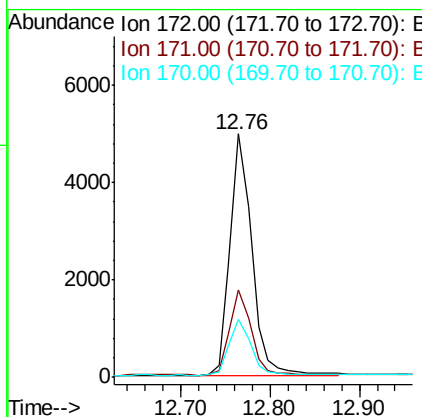
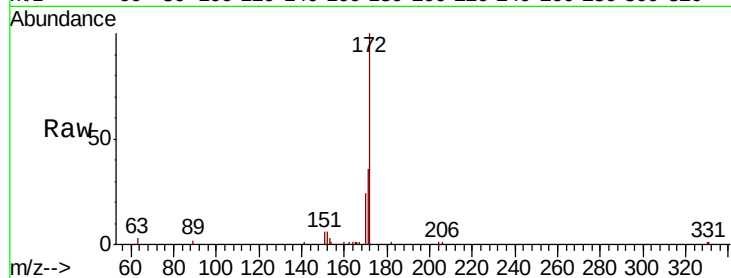




#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

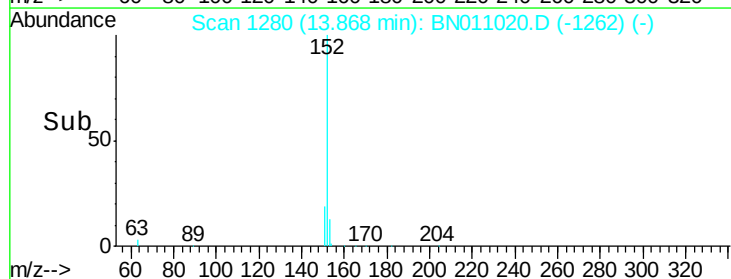
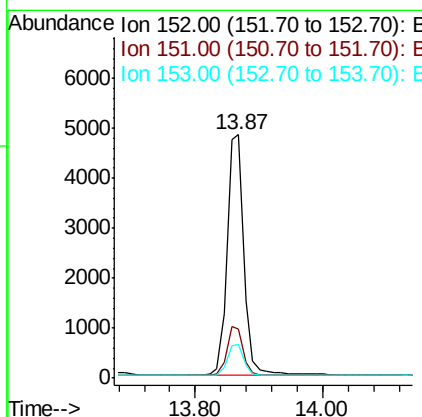
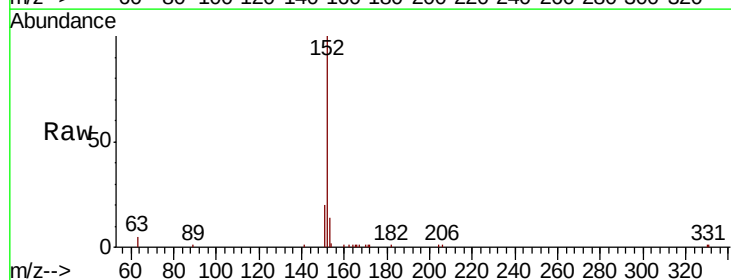
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

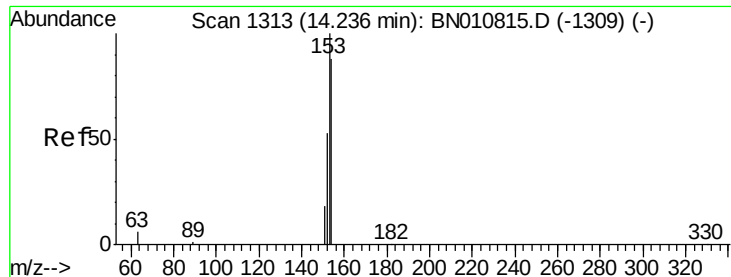
Tot Ion:172 Resp: 8419
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.8 19.7 29.5



#16
Acenaphthylene
Concen: 0.424 ng
RT: 13.87 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:152 Resp: 8870
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 0.418 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

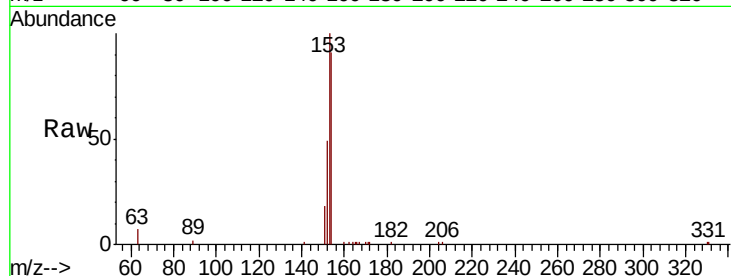
Tot Ion:154 Resp: 5965

Ion Ratio Lower Upper

154 100

153 114.1 91.8 137.6

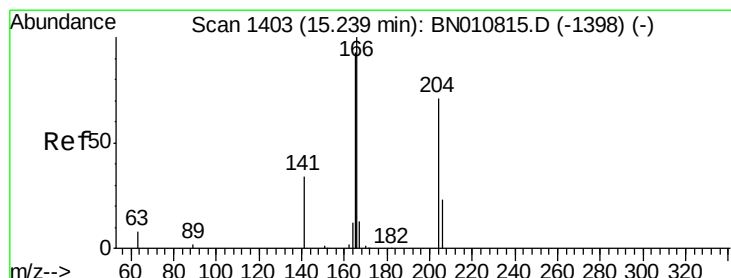
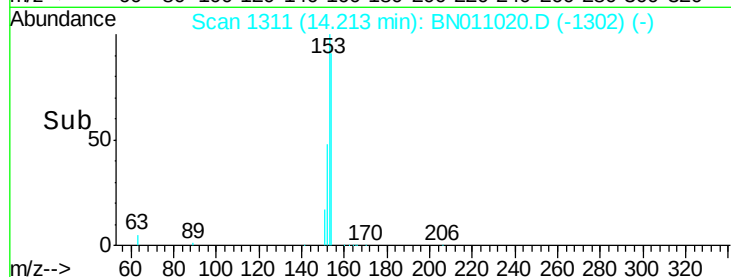
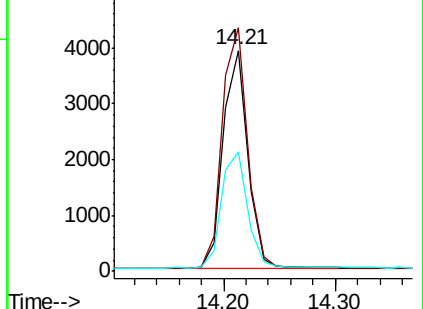
152 57.3 47.6 71.4



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: 0.416 ng

RT: 15.21 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

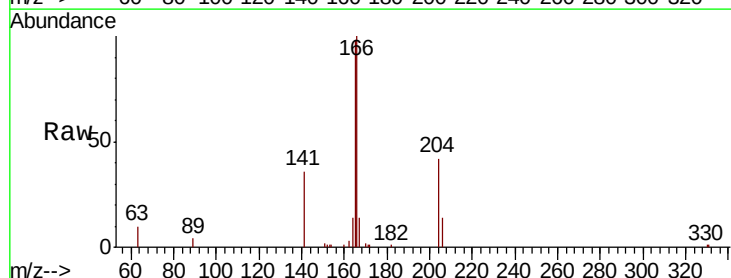
Tgt Ion:166 Resp: 7664

Ion Ratio Lower Upper

166 100

165 97.7 77.2 115.8

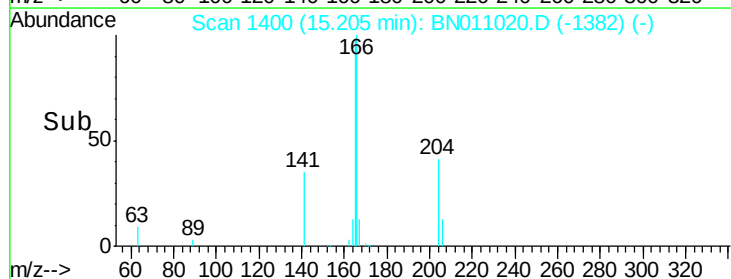
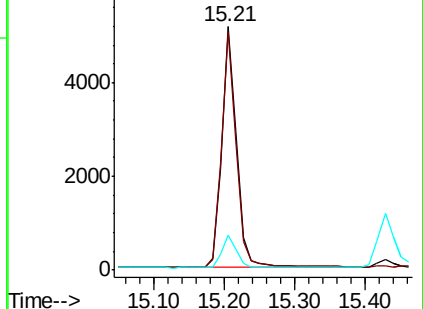
167 13.6 10.7 16.1

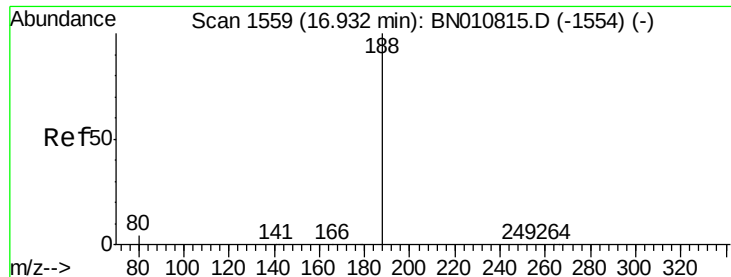


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.90 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

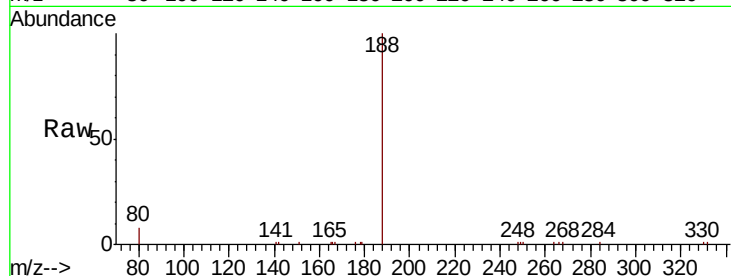
Tot Ion:188 Resp: 10760

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

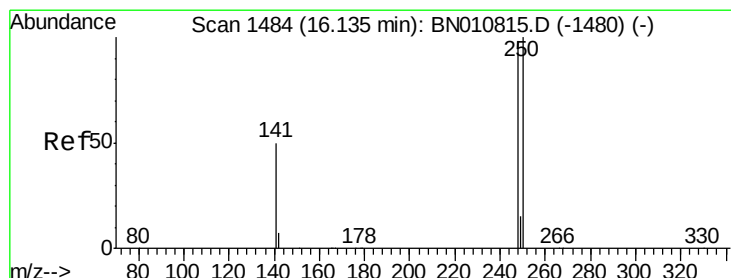
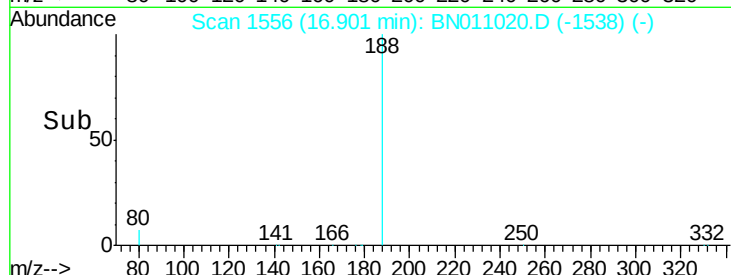
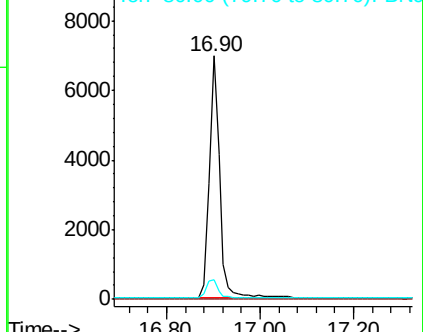
80 8.1 4.5 6.7#



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: 0.447 ng

RT: 16.10 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

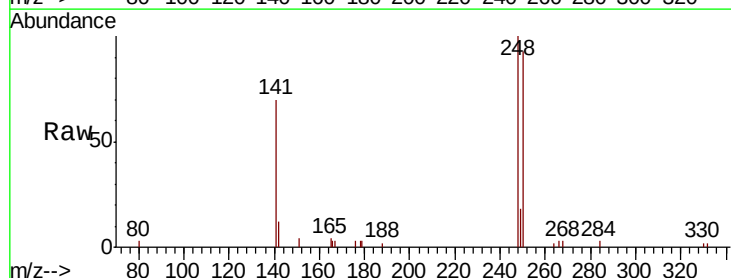
Tgt Ion:248 Resp: 2888

Ion Ratio Lower Upper

248 100

250 93.3 81.8 122.8

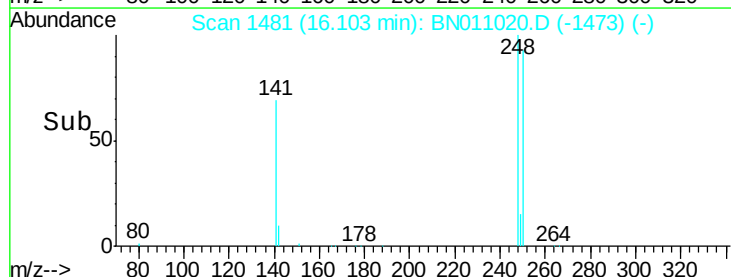
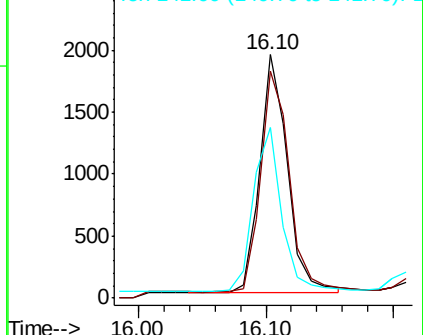
141 70.1 42.6 64.0#

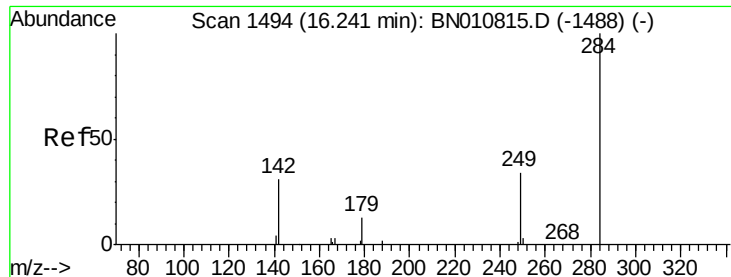


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.441 ng

RT: 16.22 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

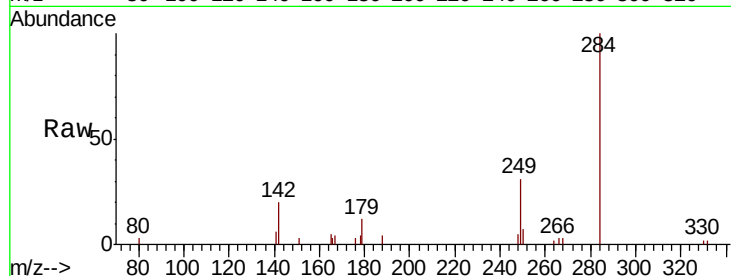
Tot Ion:284 Resp: 2975

Ion Ratio Lower Upper

284 100

142 38.9 31.0 46.4

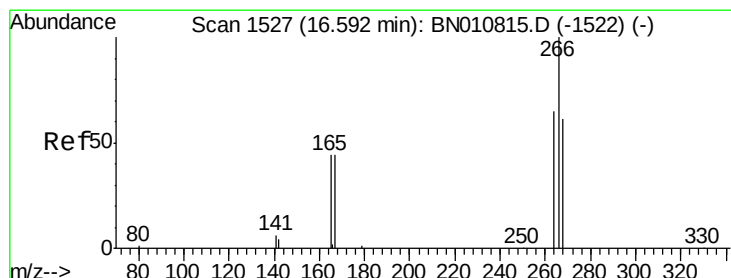
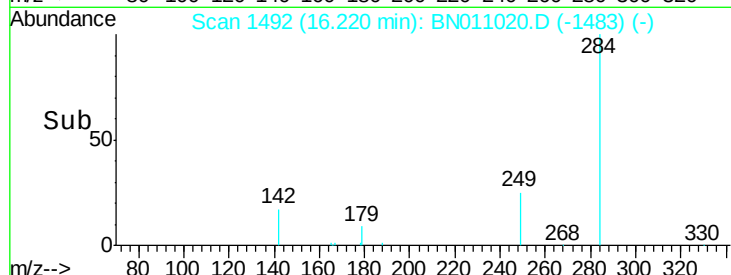
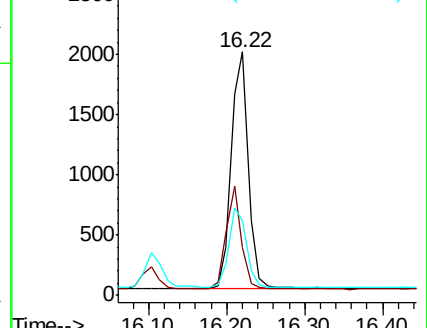
249 34.2 27.1 40.7



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: 0.345 ng

RT: 16.57 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

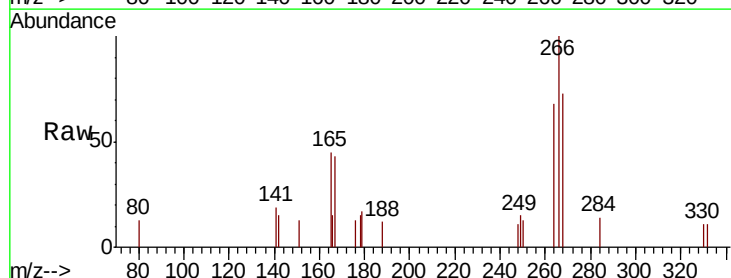
Tgt Ion:266 Resp: 782

Ion Ratio Lower Upper

266 100

264 67.6 54.8 82.2

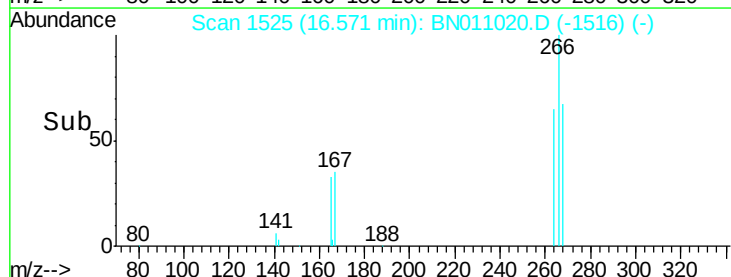
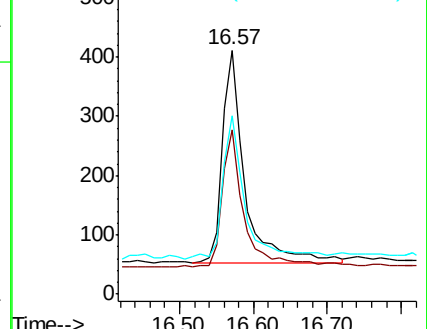
268 73.2 55.9 83.9

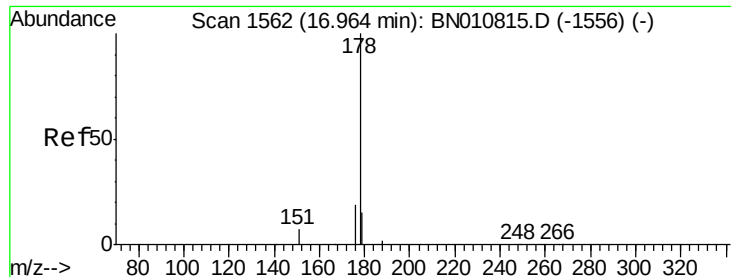


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.405 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

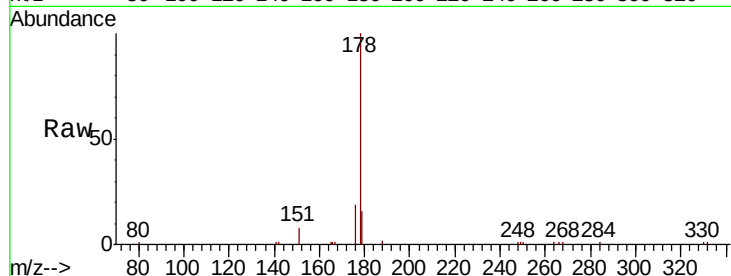
Tot Ion:178 Resp: 11905

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

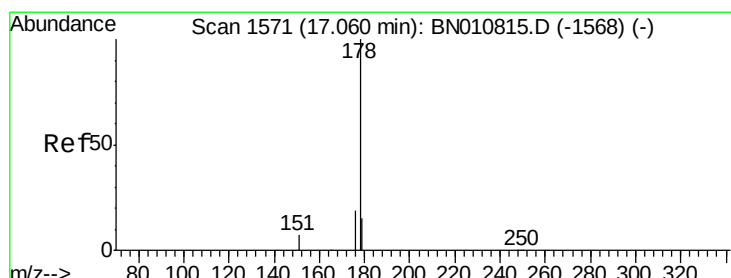
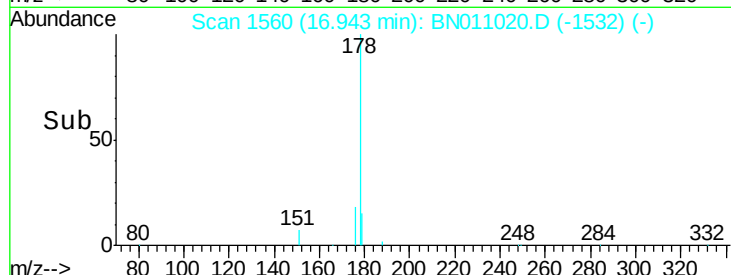
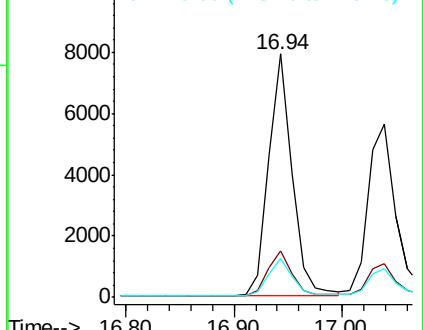
179 15.4 12.6 19.0



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: 0.414 ng

RT: 17.04 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

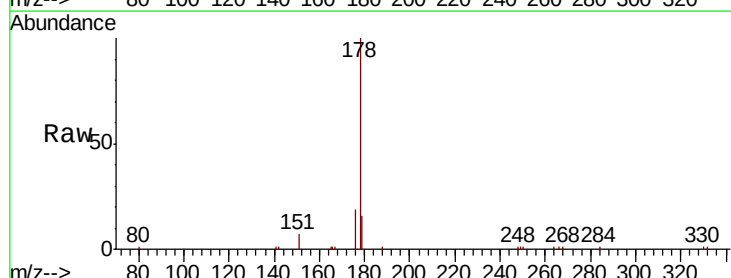
Tgt Ion:178 Resp: 10161

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

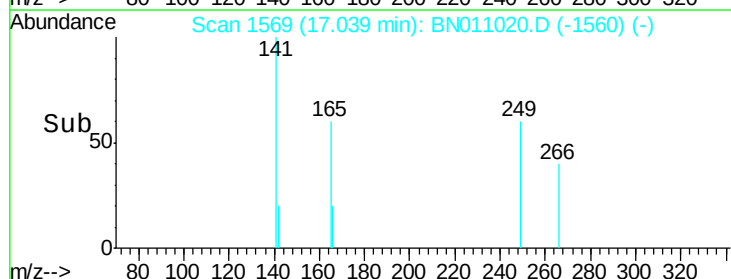
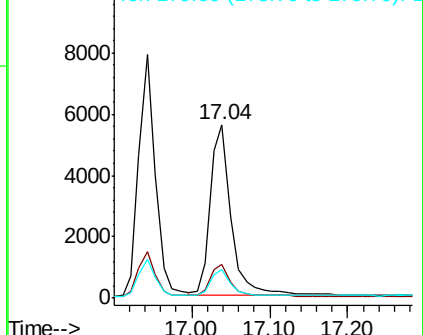
179 15.2 12.3 18.5

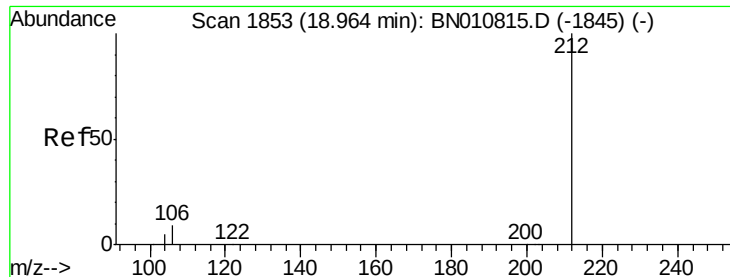


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 18.94 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

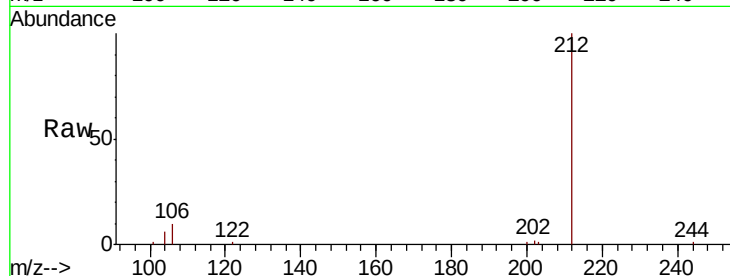
Tot Ion:212 Resp: 12183

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

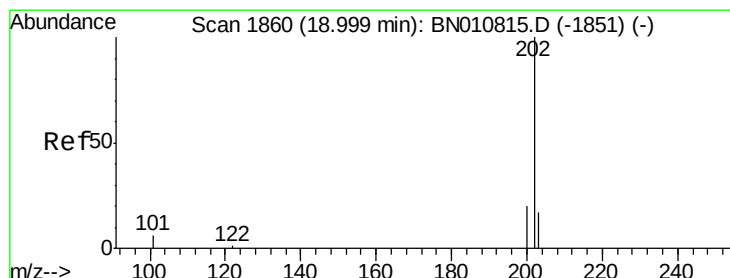
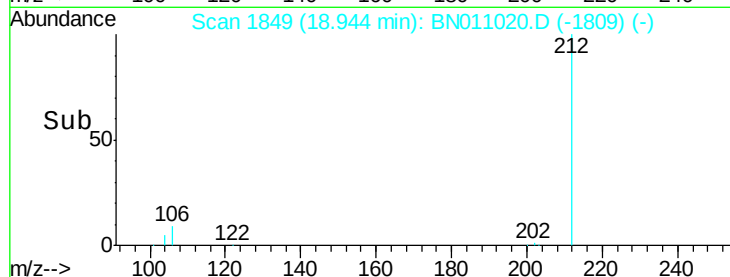
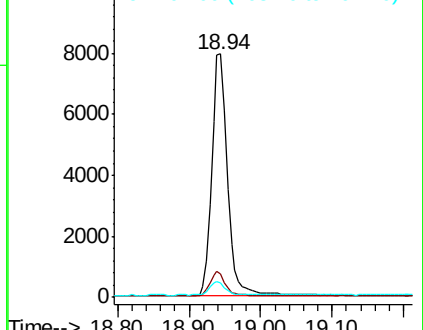
104 5.4 4.0 6.0



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: 0.409 ng

RT: 18.97 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

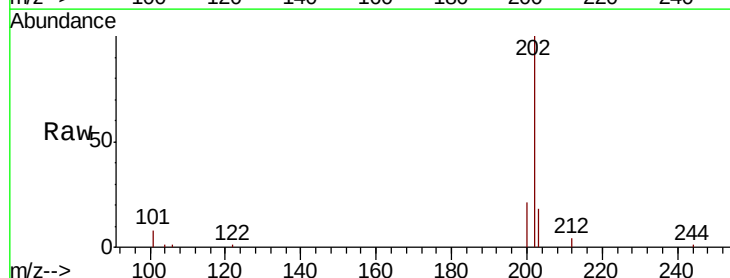
Tgt Ion:202 Resp: 13653

Ion Ratio Lower Upper

202 100

101 8.3 5.8 8.6

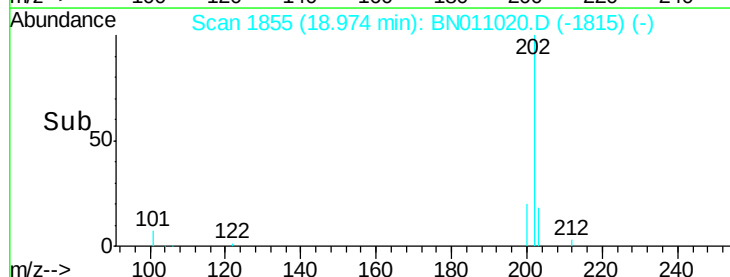
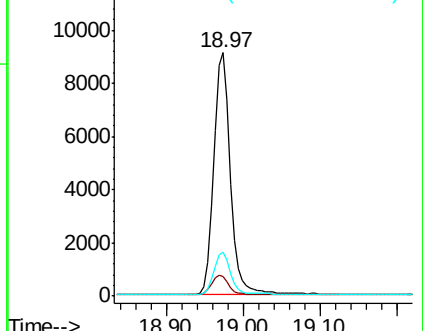
203 16.8 13.7 20.5

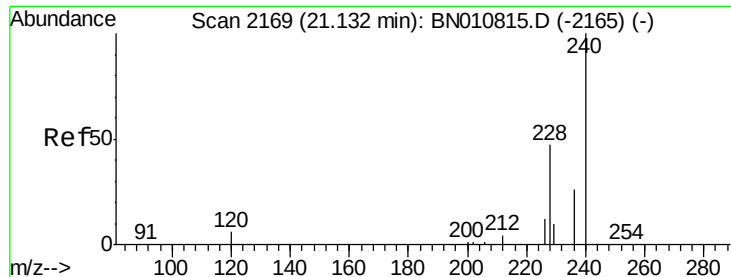


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

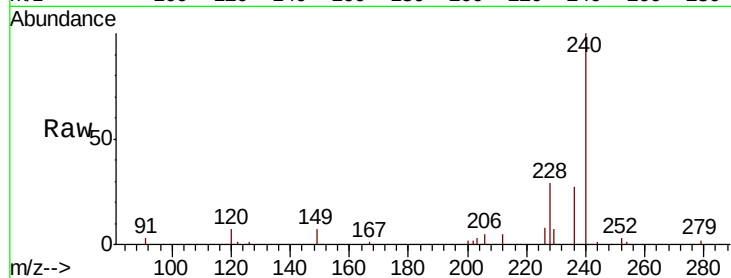




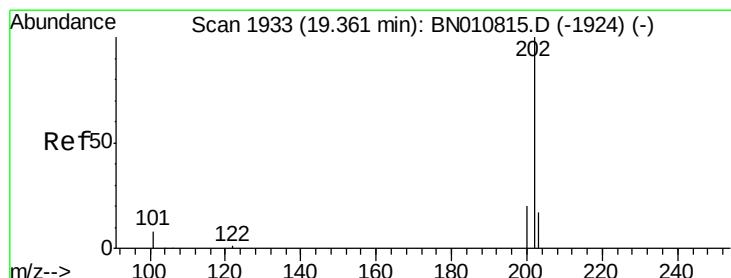
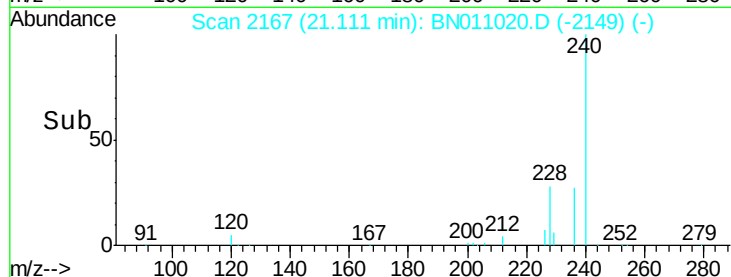
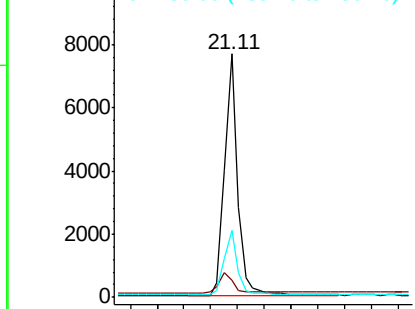
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 10351
Ion Ratio Lower Upper
240 100
120 6.9 7.5 11.3#
236 27.4 22.3 33.5

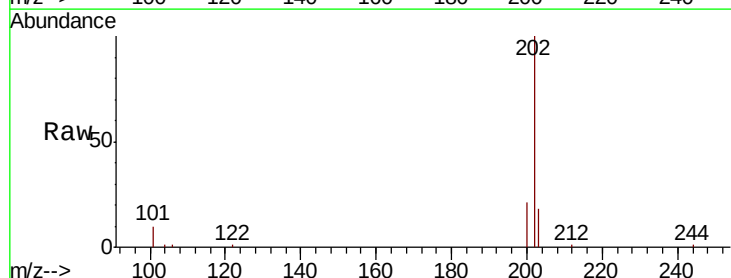


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

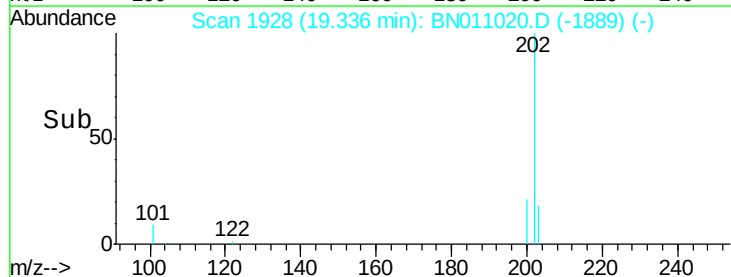
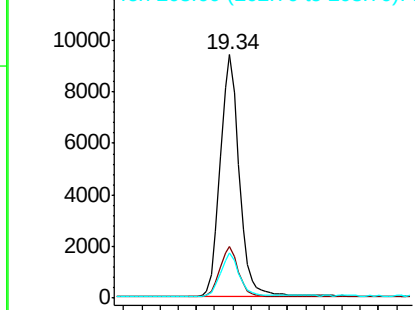


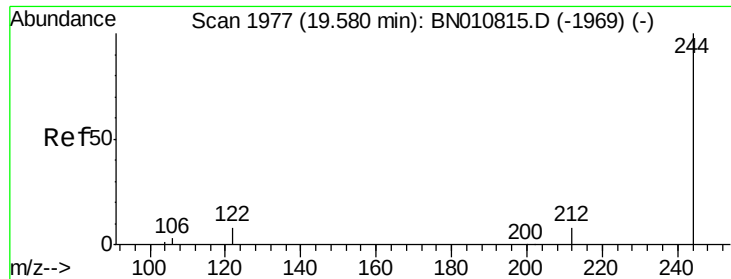
#28
Pyrene
Concen: 0.399 ng
RT: 19.34 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:202 Resp: 13666
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.8 14.2 21.4



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: 0.398 ng

RT: 19.55 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

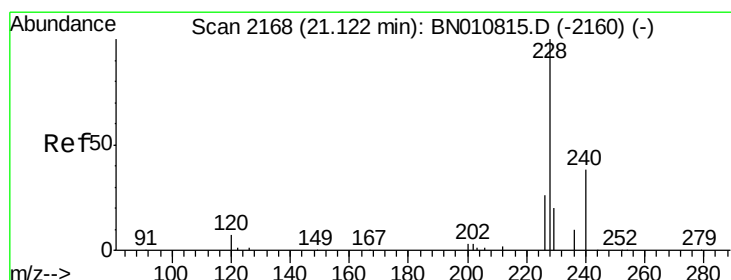
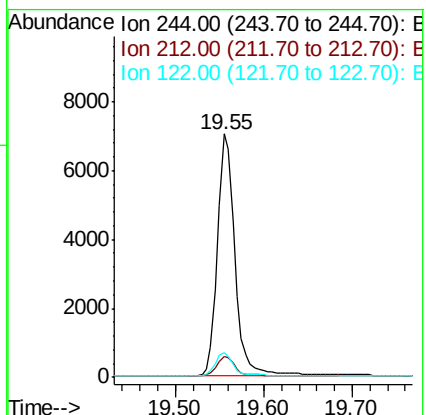
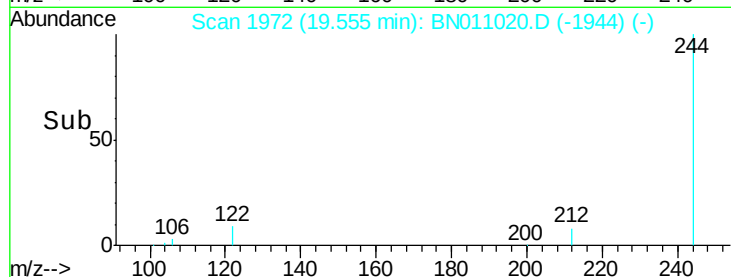
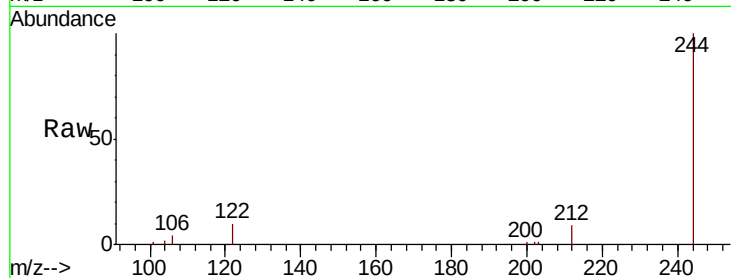
Tot Ion:244 Resp: 9654

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

122 10.2 7.5 11.3



#30

Benzo(a)anthracene

Concen: 0.414 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

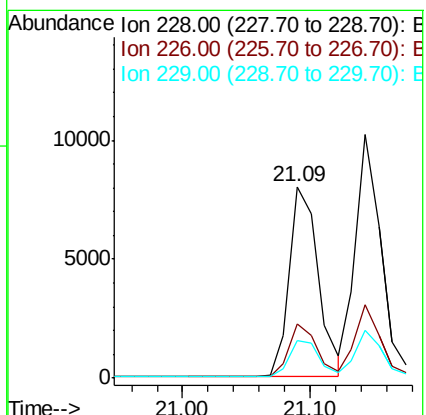
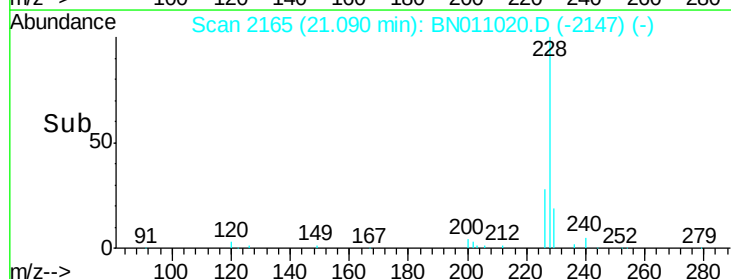
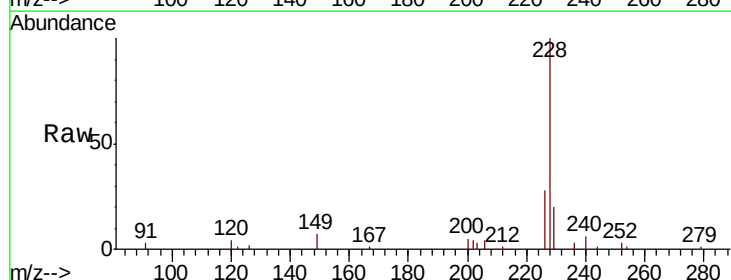
Tgt Ion:228 Resp: 12581

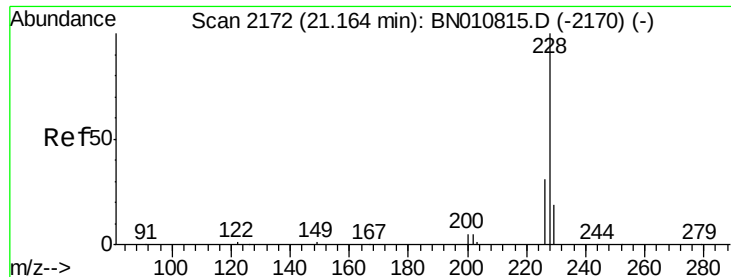
Ion Ratio Lower Upper

228 100

226 28.5 21.3 31.9

229 19.9 16.6 24.8





#31

Chrysene

Concen: 0.398 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

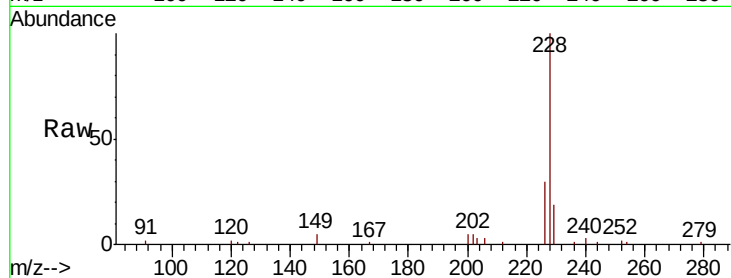
Tot Ion:228 Resp: 14104

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

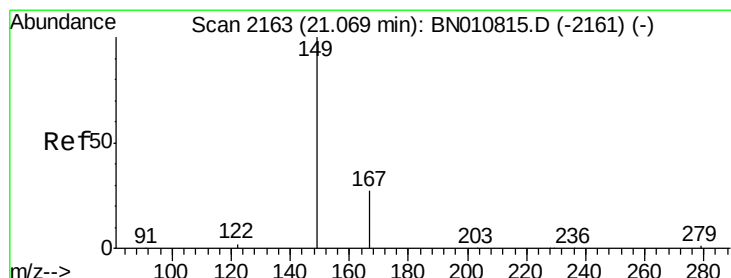
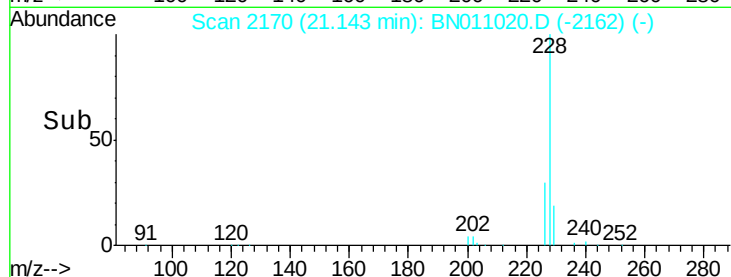
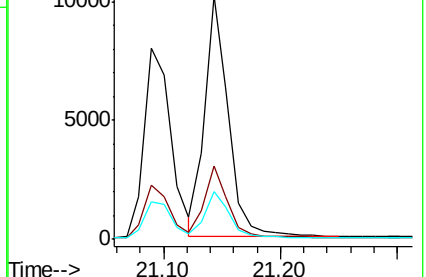
229 19.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.496 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

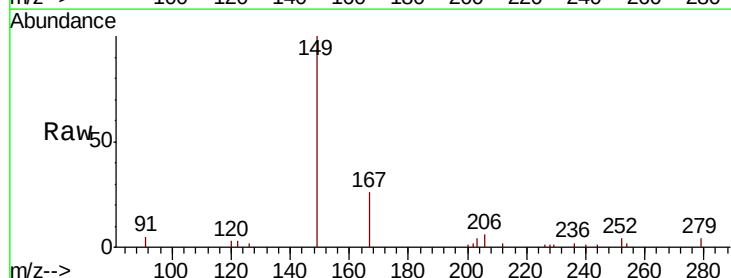
Tgt Ion:149 Resp: 5036

Ion Ratio Lower Upper

149 100

167 28.0 24.1 36.1

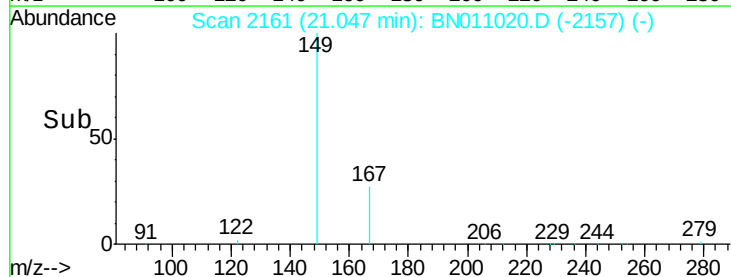
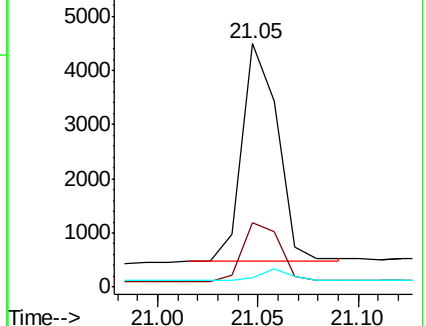
279 4.9 4.6 7.0

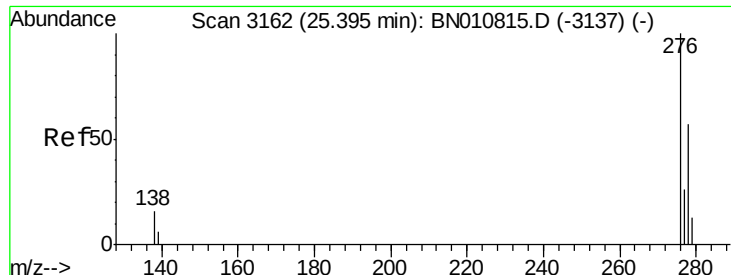


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.446 ng

RT: 25.35 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

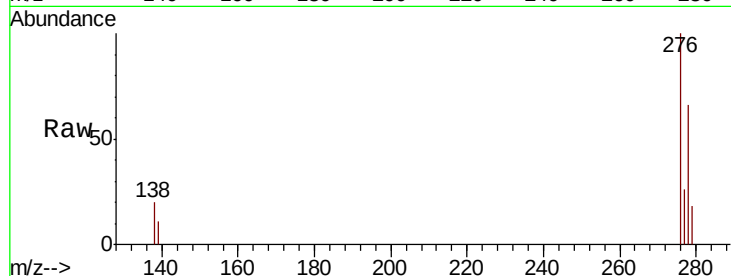
Tot Ion:276 Resp: 17656

Ion Ratio Lower Upper

276 100

138 20.4 13.0 19.6#

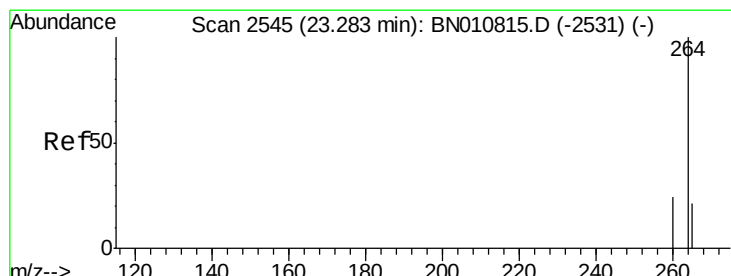
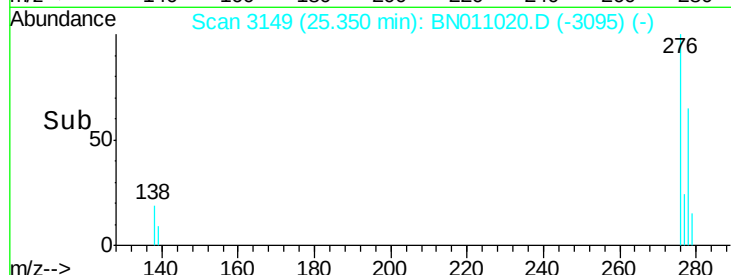
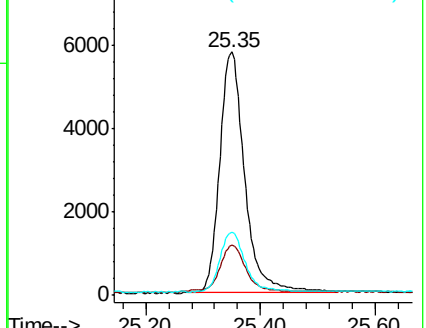
277 24.9 19.7 29.5



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: 23.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

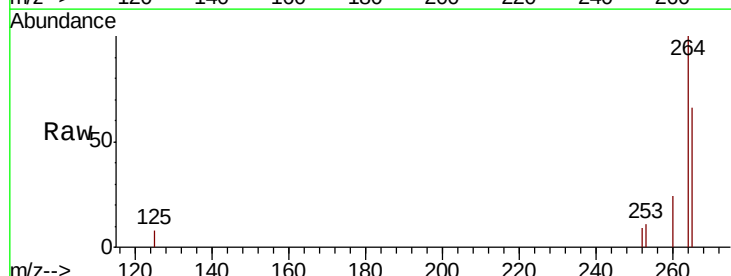
Tgt Ion:264 Resp: 11083

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

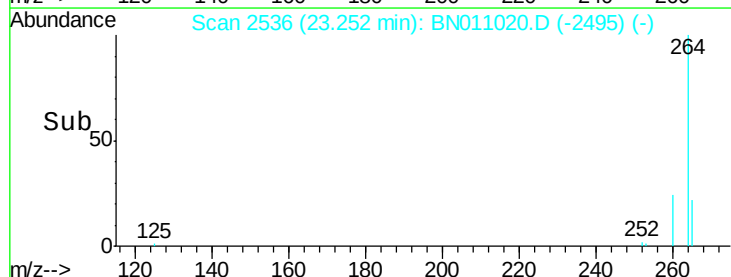
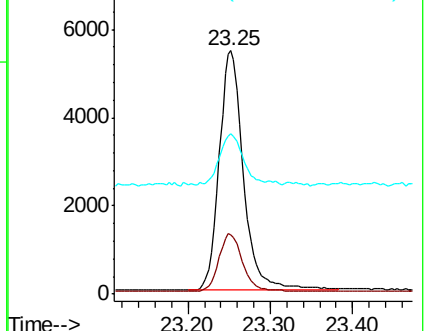
265 65.7 75.0 112.4#

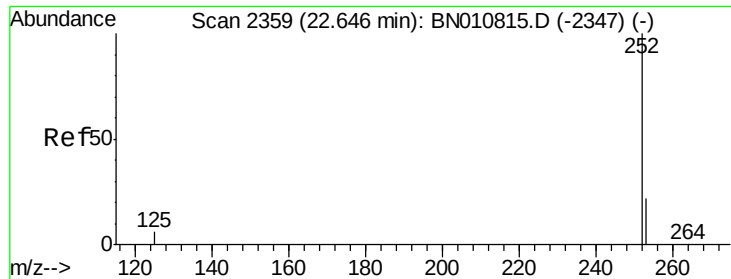


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

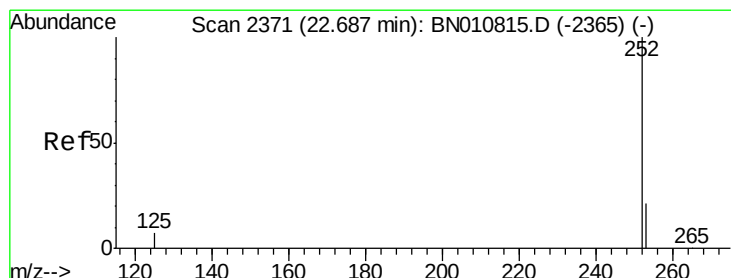
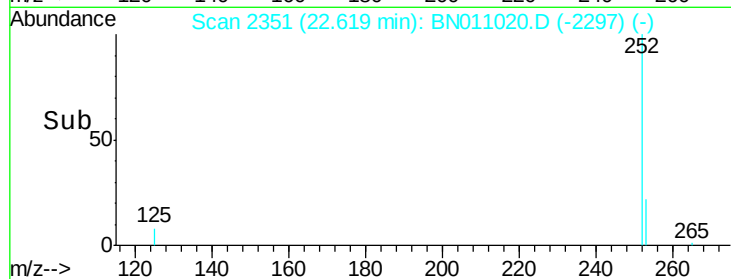
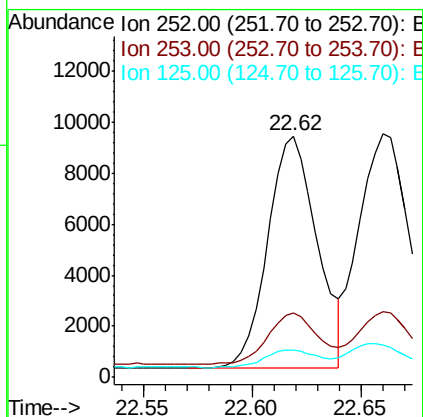
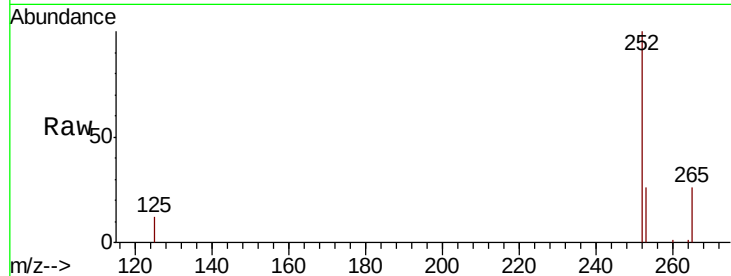




#35
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.62 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

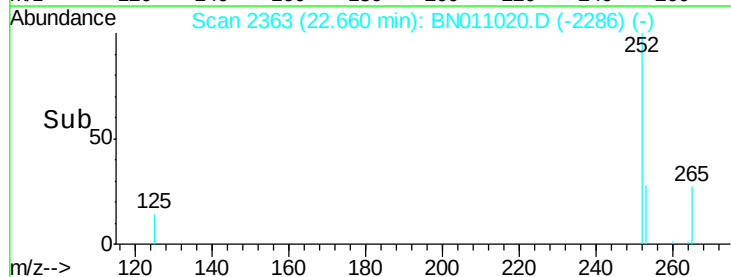
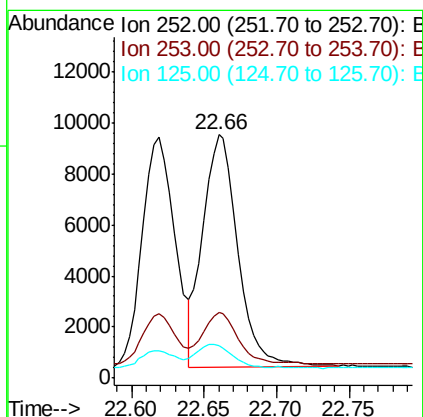
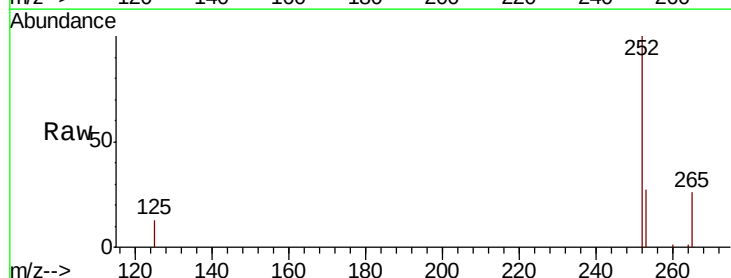
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

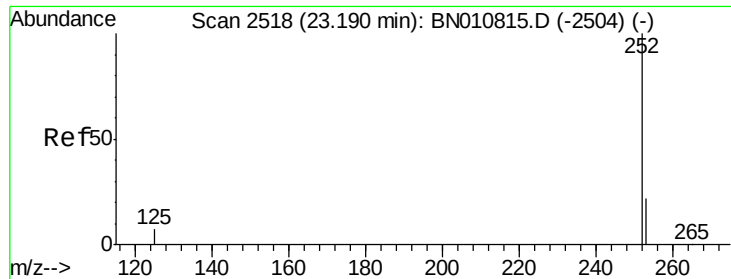
Tot Ion:252 Resp: 14353
Ion Ratio Lower Upper
252 100
253 26.5 22.4 33.6
125 11.5 9.4 14.0



#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 22.66 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:252 Resp: 15333
Ion Ratio Lower Upper
252 100
253 27.0 22.2 33.4
125 13.3 9.8 14.8





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.16 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

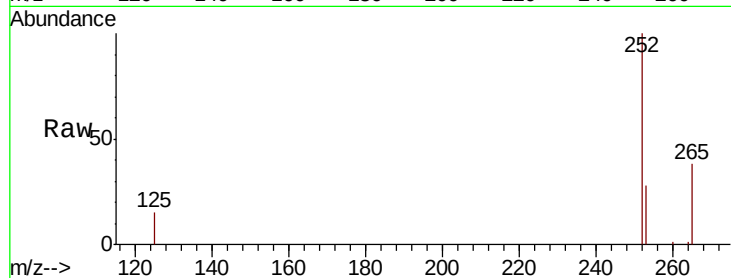
Tot Ion:252 Resp: 12658

Ion Ratio Lower Upper

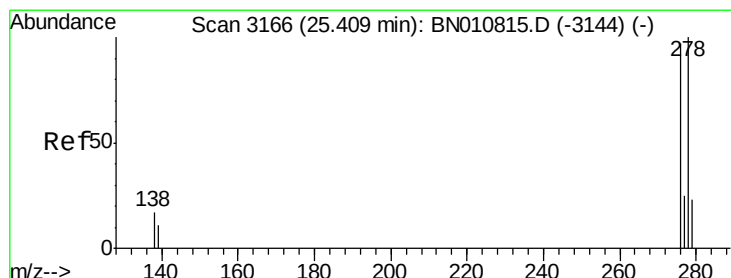
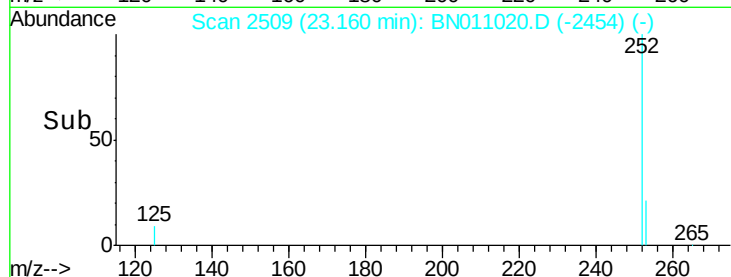
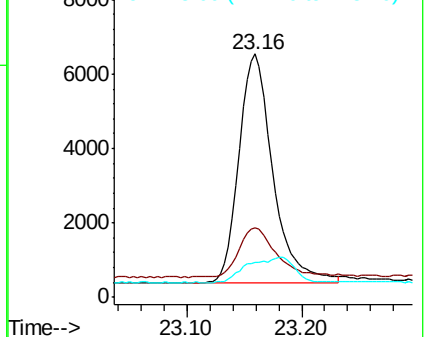
252 100

253 28.5 25.8 38.8

125 14.5 12.4 18.6



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: 0.388 ng

RT: 25.36 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

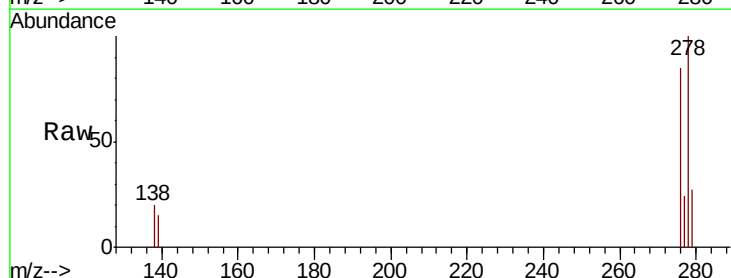
Tgt Ion:278 Resp: 14303

Ion Ratio Lower Upper

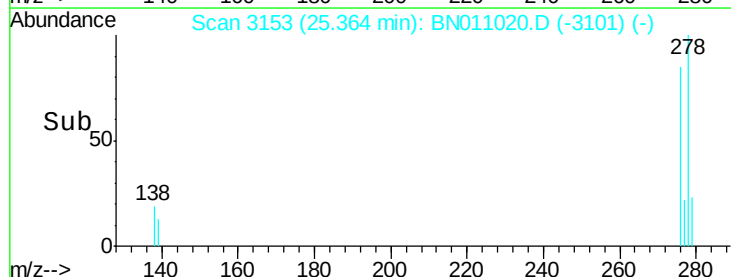
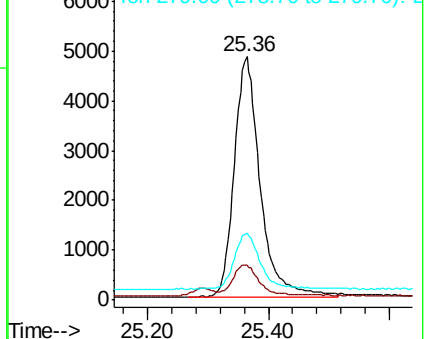
278 100

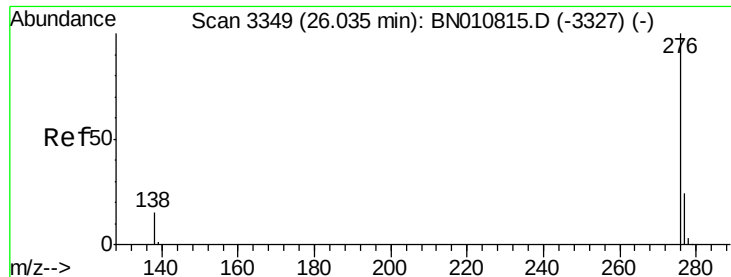
139 14.5 10.6 15.8

279 27.3 23.6 35.4



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: 0.425 ng

RT: 25.98 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BN011020.D

Acq: 23 Jun 2020 03:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

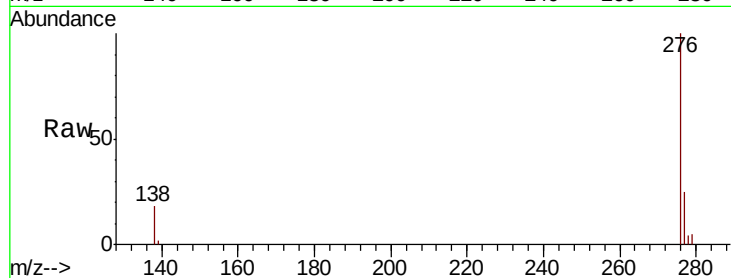
Tot Ion: 276 Resp: 16378

Ion Ratio Lower Upper

276 100

277 24.6 20.5 30.7

138 18.4 13.7 20.5



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

