

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010832.D
 Acq On : 11 Jun 2020 00:03
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:46:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2962	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	10868	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	6126	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	12588	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	12824	0.40	ng	0.00
34) Perylene-d12	23.28	264	13806	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	3087	0.54	ng	0.00
5) Phenol-d6	6.75	99	3671	0.55	ng	0.00
8) Nitrobenzene-d5	8.69	82	3400	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	7152	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1024	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	9604	0.40	ng	0.00
25) Fluoranthene-d10	18.96	212	15785	0.45	ng	0.00
29) Terphenyl-d14	19.58	244	12033	0.40	ng	0.00

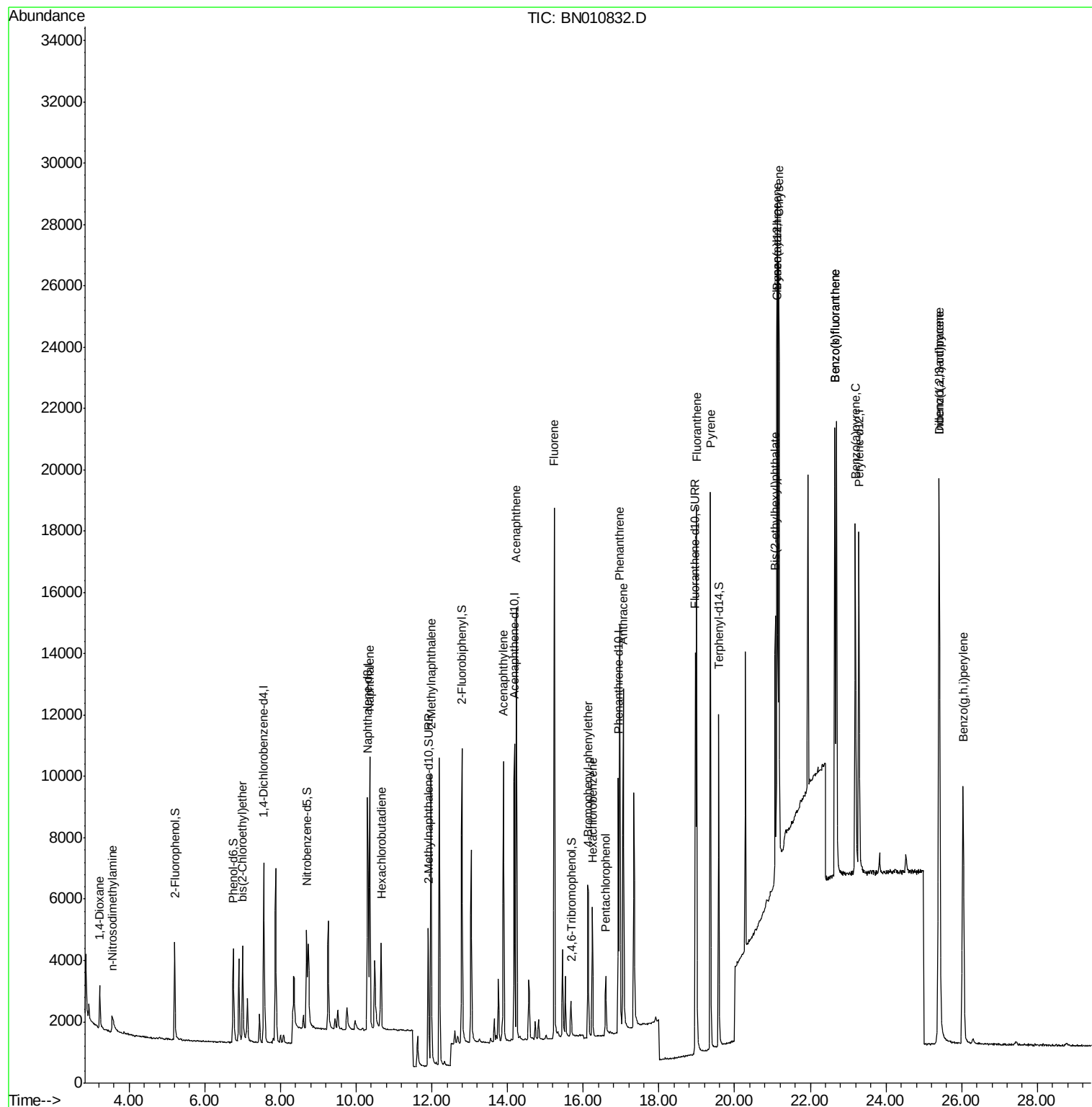
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1220	0.421	ng	99
3) n-Nitrosodimethylamine	3.55	42	715	0.424	ng	# 98
6) bis(2-Chloroethyl)ether	7.00	93	3173	0.483	ng	95
9) Naphthalene	10.35	128	11482	0.420	ng	99
10) Hexachlorobutadiene	10.66	225	2643	0.392	ng	# 99
12) 2-Methylnaphthalene	11.98	142	7773	0.425	ng	98
16) Acenaphthylene	13.89	152	10804	0.431	ng	99
17) Acenaphthene	14.24	154	7109	0.415	ng	98
18) Fluorene	15.23	166	9047	0.410	ng	98
20) 4-Bromophenyl-phenylether	16.14	248	2911	0.385	ng	99
21) Hexachlorobenzene	16.24	284	3253	0.412	ng	96
22) Pentachlorophenol	16.59	266	1284	0.485	ng	97
23) Phenanthrene	16.96	178	14457	0.420	ng	99
24) Anthracene	17.06	178	12659	0.441	ng	99
26) Fluoranthene	18.99	202	17325	0.444	ng	# 98
28) Pyrene	19.36	202	17872	0.421	ng	99
30) Benzo(a)anthracene	21.12	228	17174	0.456	ng	99
31) Chrysene	21.16	228	18093	0.412	ng	99
32) Bis(2-ethylhexyl)phthalate	21.08	149	8548	0.680	ng	97
33) Indeno(1,2,3-cd)pyrene	25.40	276	20957	0.427	ng	# 95
35) Benzo(b)fluoranthene	22.65	252	18001	0.383	ng	# 98
36) Benzo(k)fluoranthene	22.65	252	18001	0.360	ng	98
37) Benzo(a)pyrene	23.19	252	16617	0.413	ng	97
38) Dibenzo(a,h)anthracene	25.41	278	17325	0.377	ng	# 95
39) Benzo(g,h,i)perylene	26.04	276	17518	0.365	ng	# 96

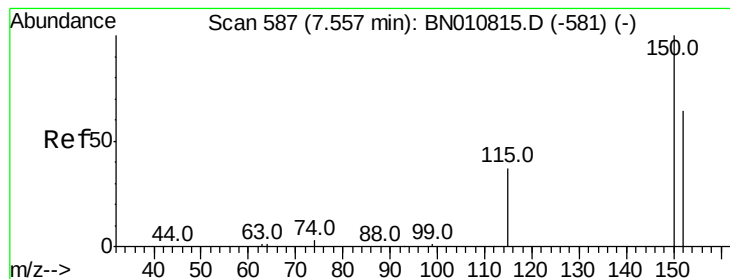
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.56 min Scan# 587

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :

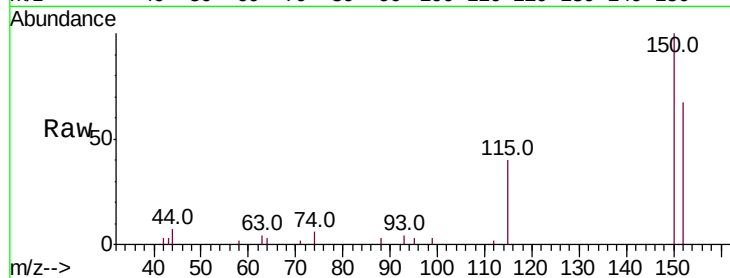
Tot Ion:152 Resp: 2962

Ion Ratio Lower Upper

152 100

150 150.3 123.8 185.6

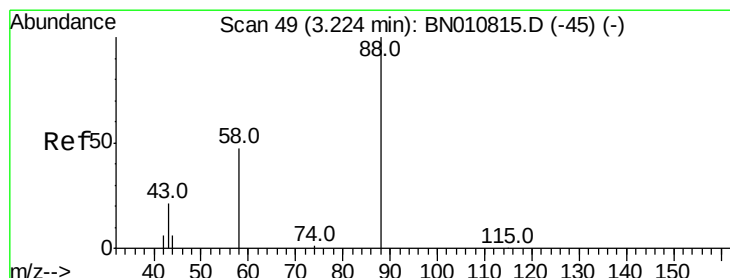
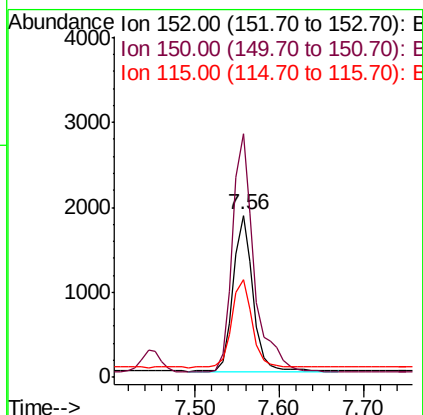
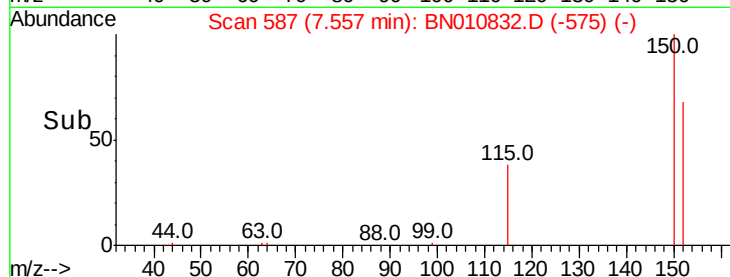
115 60.5 49.2 73.8



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: 0.421 ng

RT: 3.22 min Scan# 49

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

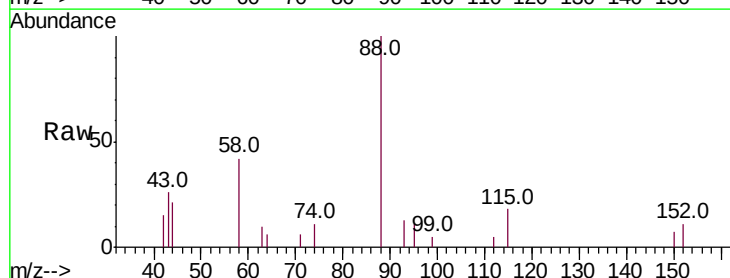
Tgt Ion: 88 Resp: 1220

Ion Ratio Lower Upper

88 100

58 48.2 38.2 57.4

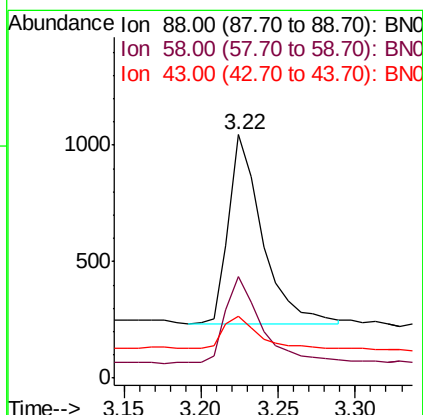
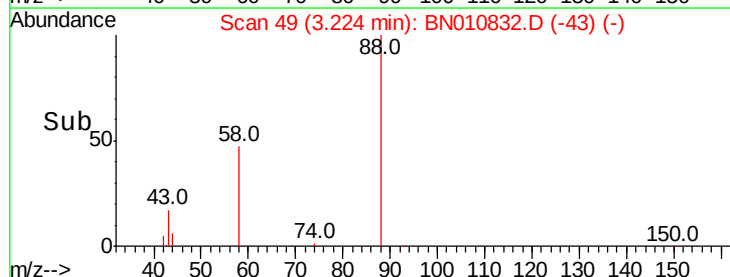
43 17.8 15.1 22.7

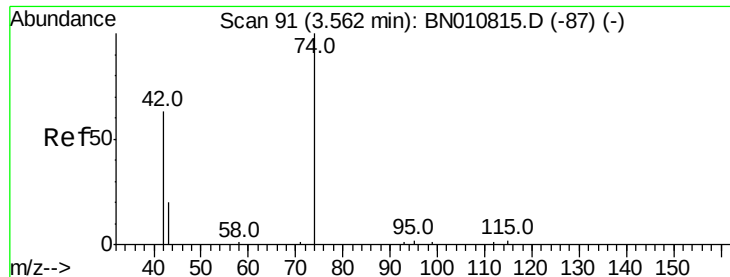


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.424 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.01 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :

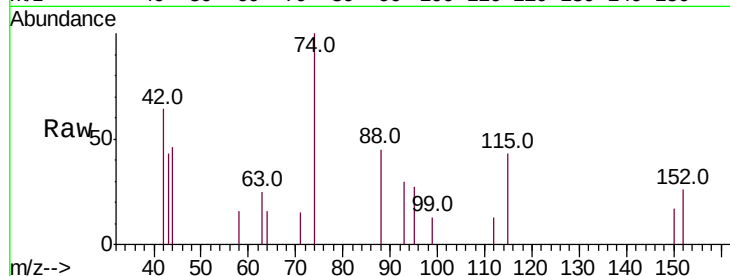
Tot Ion: 42 Resp: 715

Ion Ratio Lower Upper

42 100

74 173.8 140.7 211.1

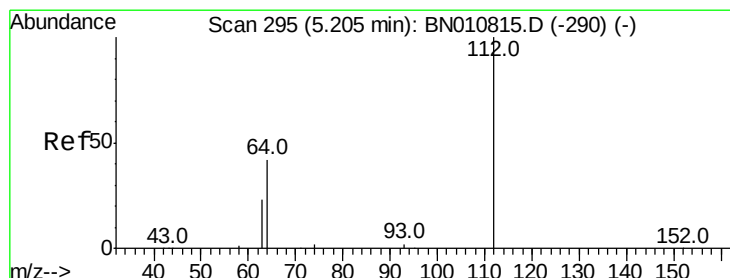
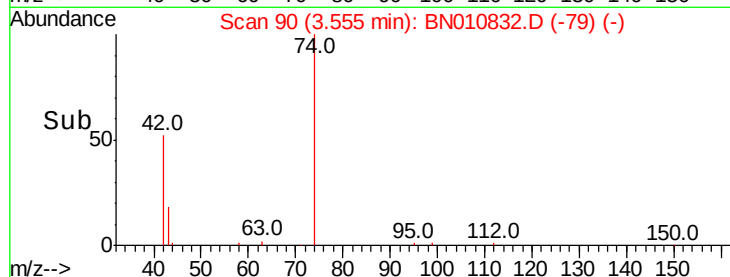
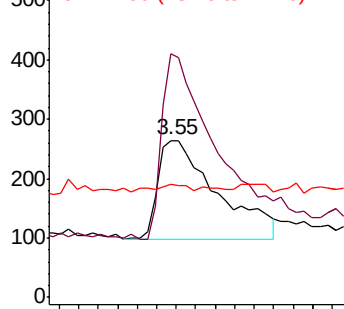
44 4.2 1.4 2.2#



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: 0.540 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

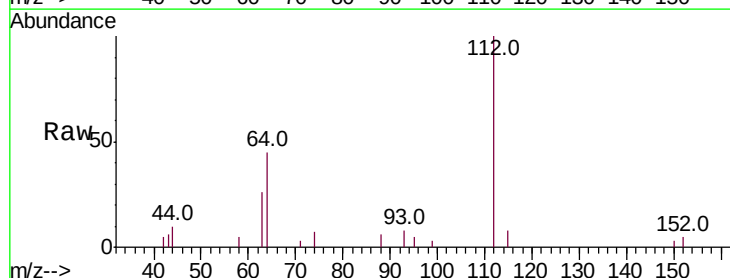
Tgt Ion: 112 Resp: 3087

Ion Ratio Lower Upper

112 100

64 45.5 37.4 56.0

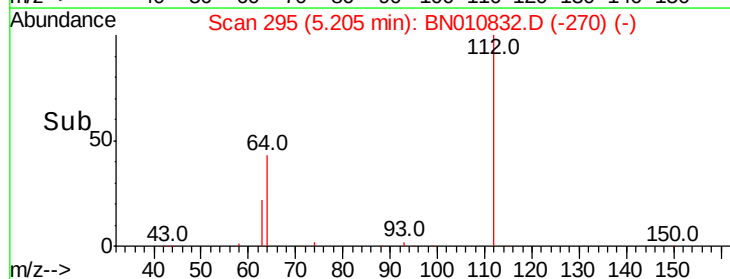
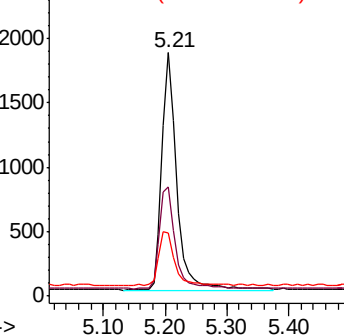
63 23.9 22.2 33.4

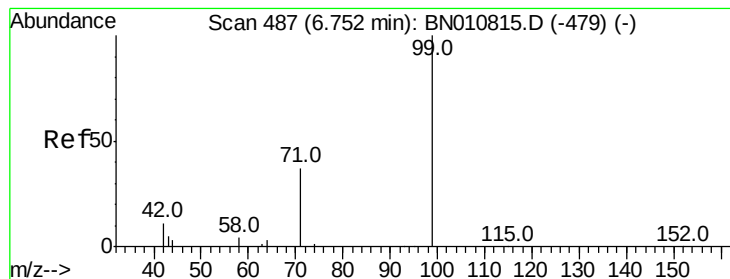


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.545 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampled :

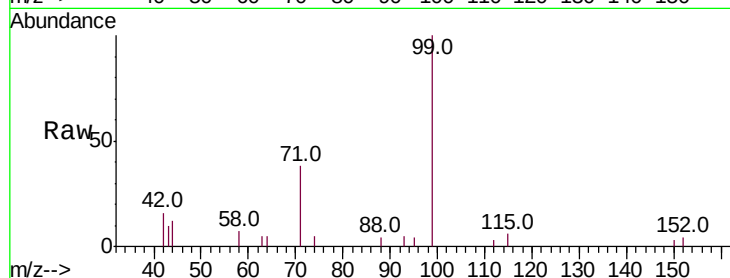
Tot Ion: 99 Resp: 3671

Ion Ratio Lower Upper

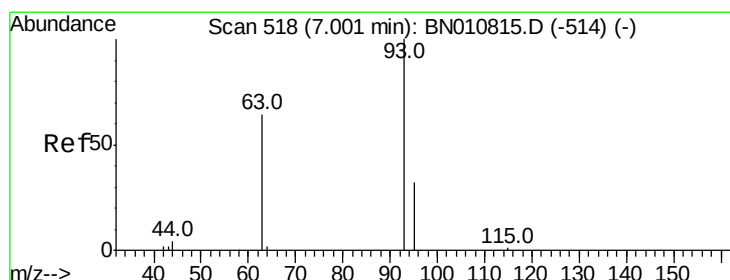
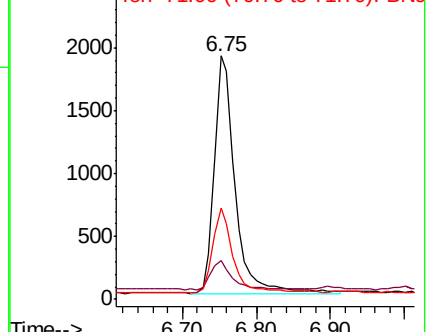
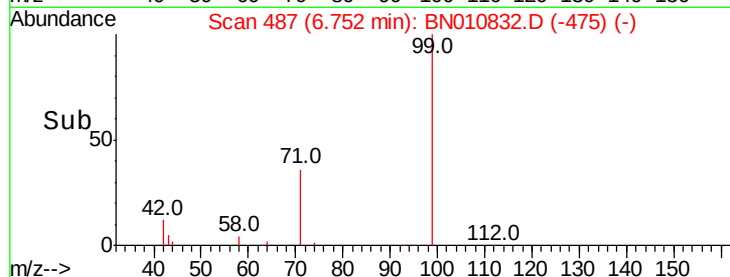
99 100

42 12.7 11.1 16.7

71 34.7 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010832.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.483 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

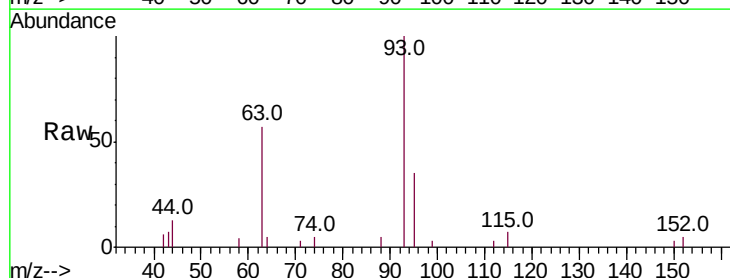
Tgt Ion: 93 Resp: 3173

Ion Ratio Lower Upper

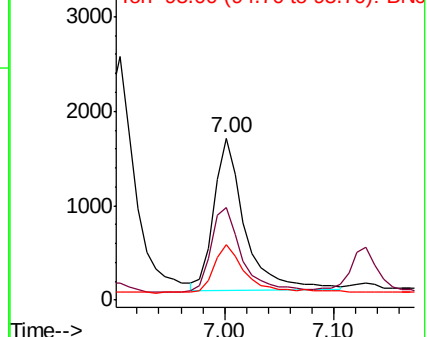
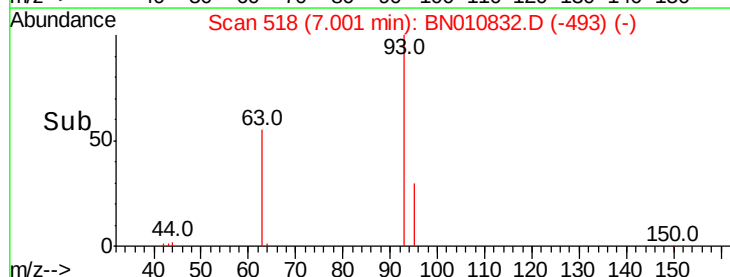
93 100

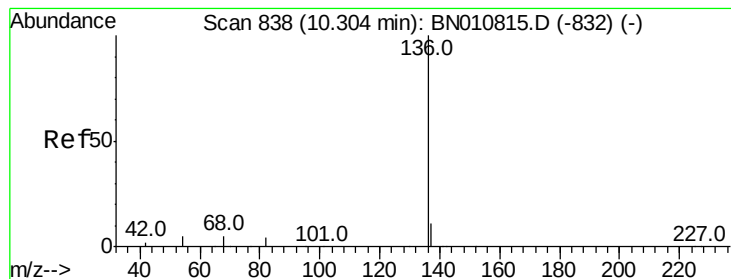
63 55.6 49.4 74.2

95 33.5 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010832.D (-493) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 10868

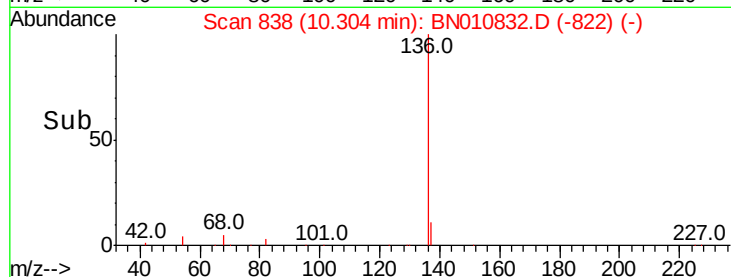
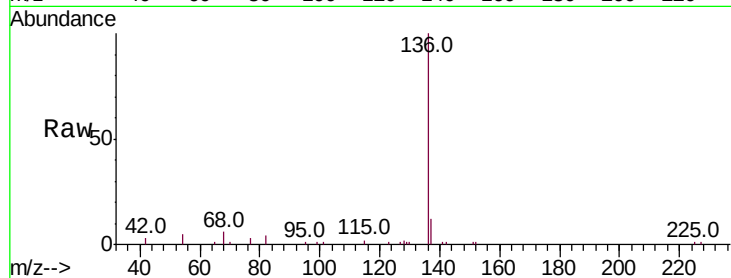
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 4.8 4.9 7.3#

68 5.6 4.7 7.1

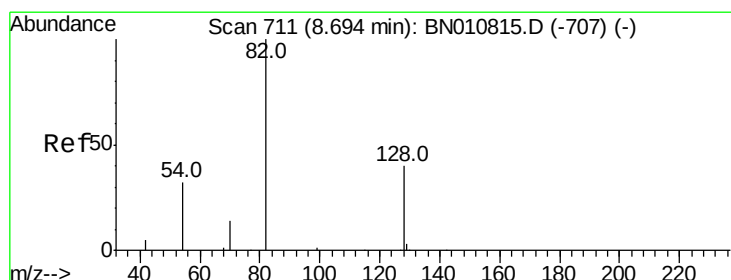
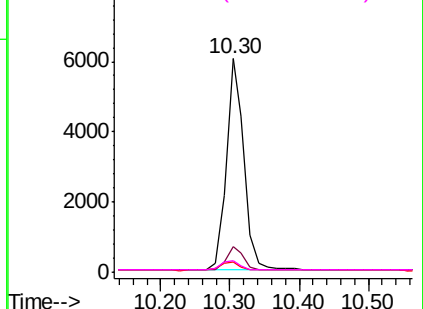


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

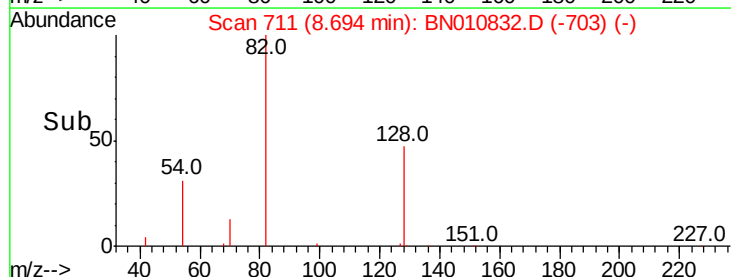
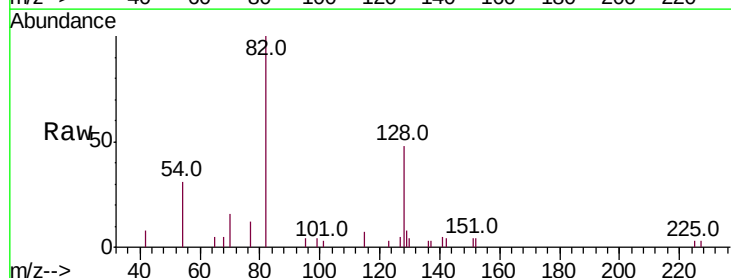
Tgt Ion: 82 Resp: 3400

Ion Ratio Lower Upper

82 100

128 47.6 35.4 53.0

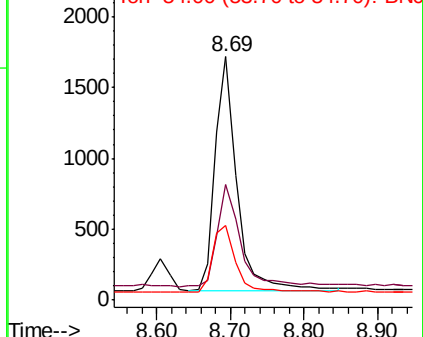
54 30.7 28.2 42.4

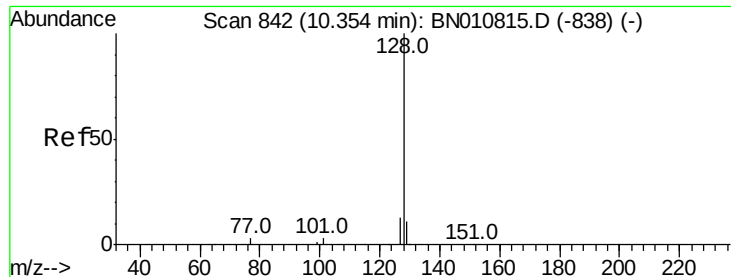


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.420 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :

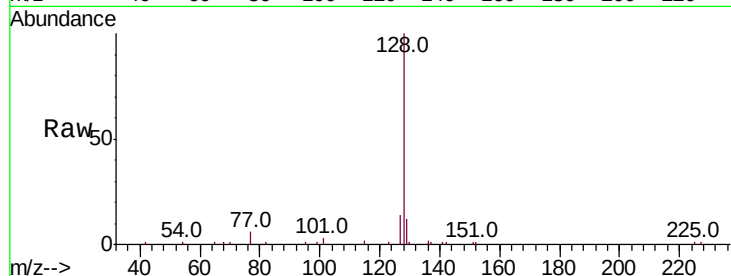
Tot Ion:128 Resp: 11482

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

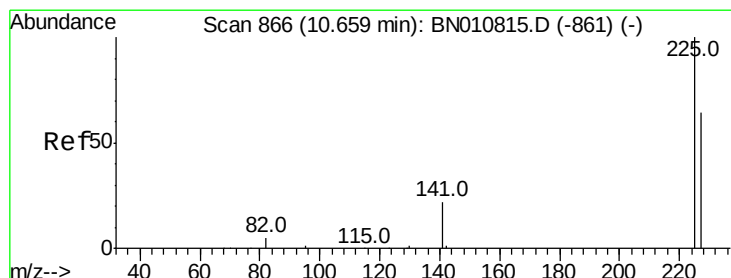
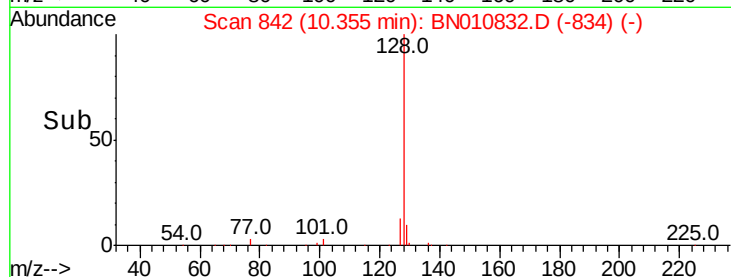
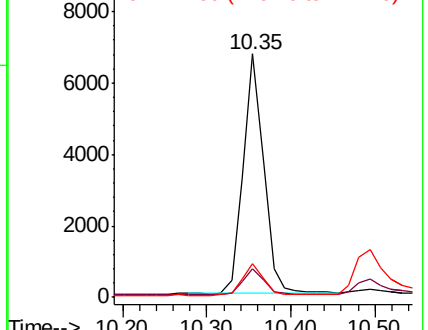
127 13.8 11.4 17.2



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: 0.392 ng

RT: 10.66 min Scan# 866

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

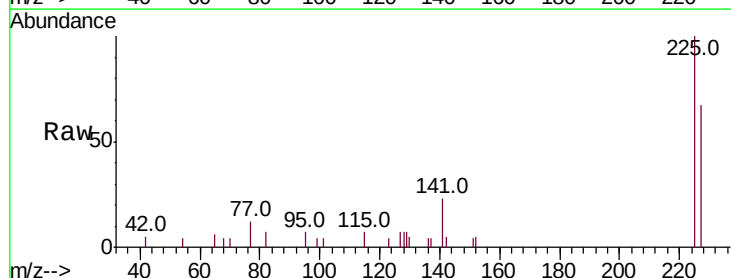
Tgt Ion:225 Resp: 2643

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

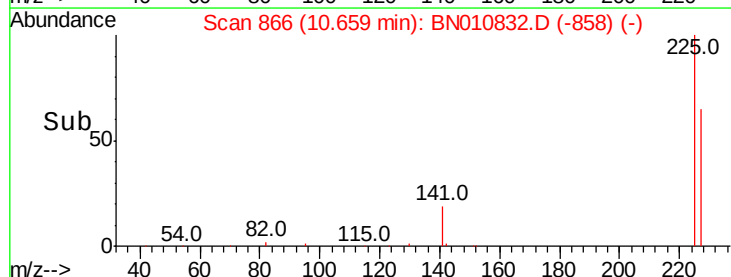
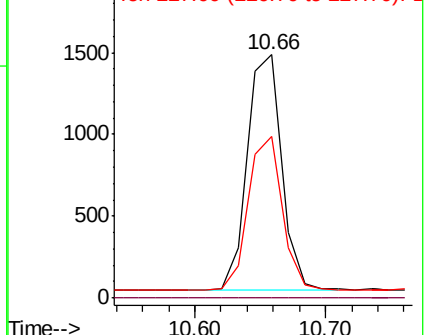
227 63.7 50.5 75.7

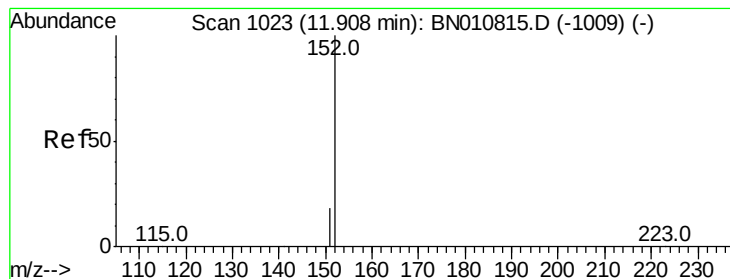


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 11.90 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

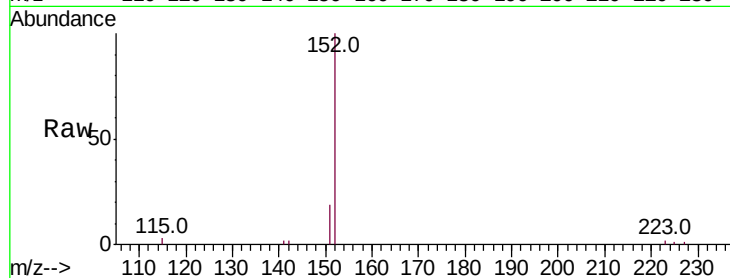
ClientSampleId :

Tot Ion:152 Resp: 7152

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

4000

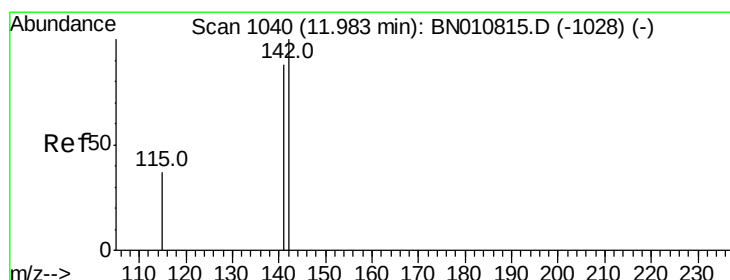
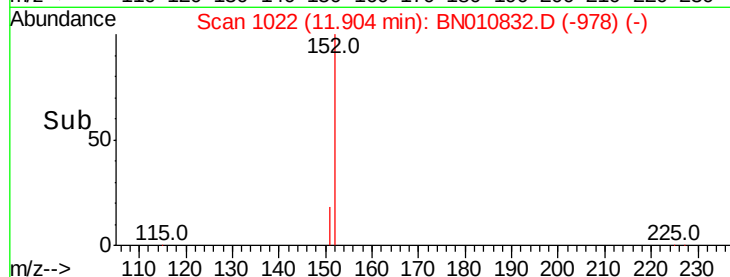
3000

2000

1000

0

Time--> 11.80 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.425 ng

RT: 11.98 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

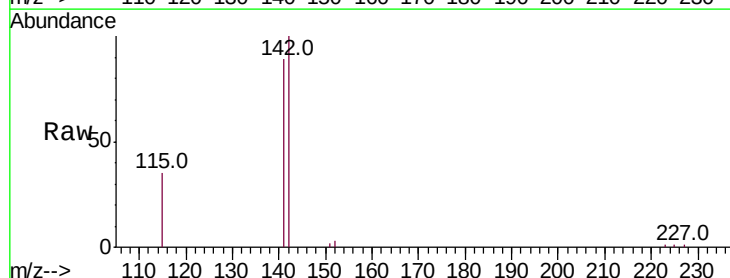
Tgt Ion:142 Resp: 7773

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2

115 35.3 31.5 47.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

6000

5000

4000

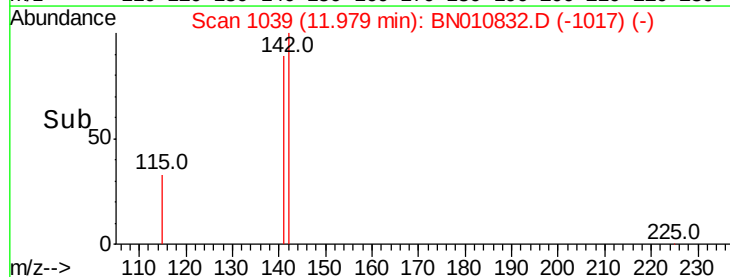
3000

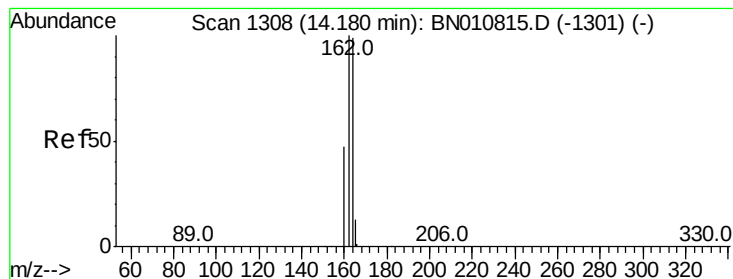
2000

1000

0

Time--> 11.90 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :

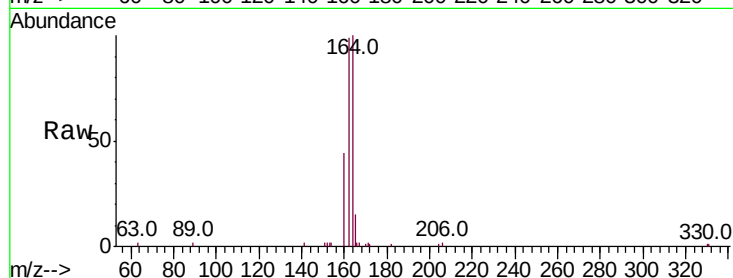
Tot Ion:164 Resp: 6126

Ion Ratio Lower Upper

164 100

162 99.1 81.0 121.6

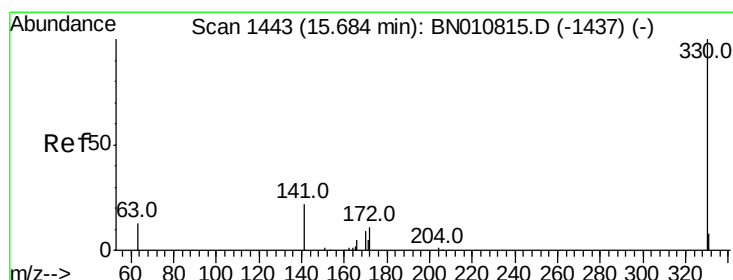
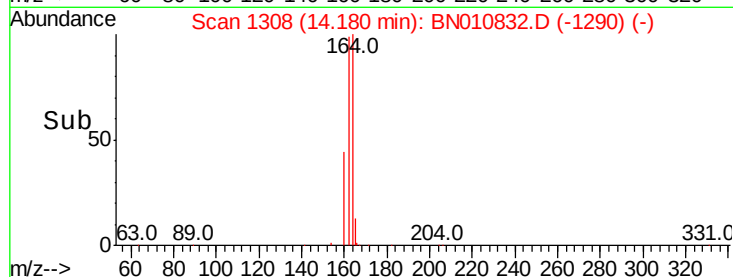
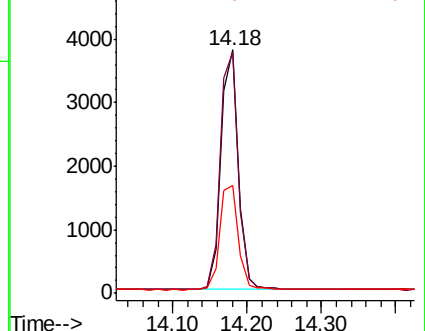
160 44.5 38.9 58.3



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: 0.467 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

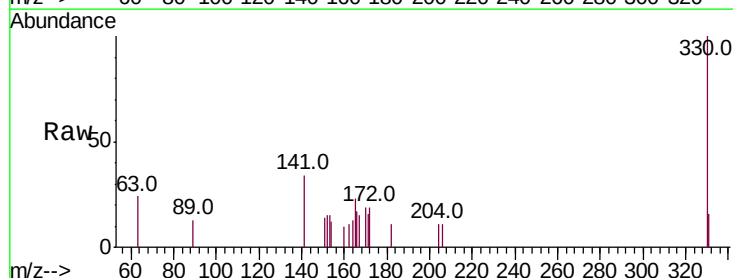
Tgt Ion:330 Resp: 1024

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

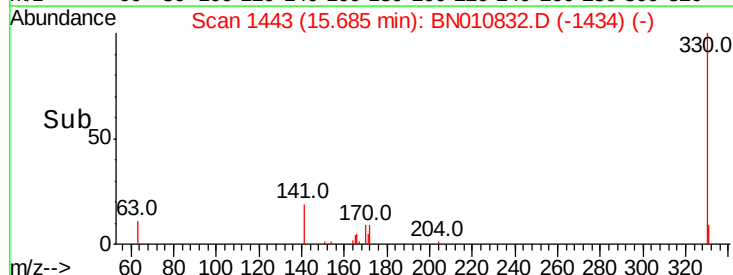
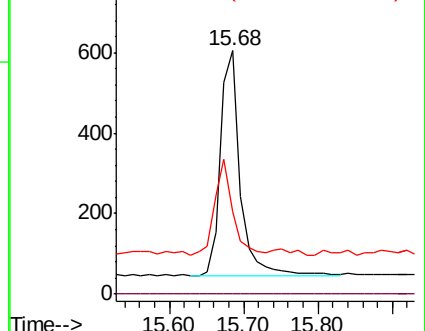
141 38.8 33.2 49.8

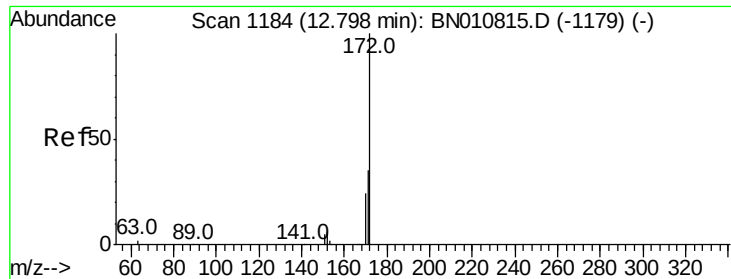


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

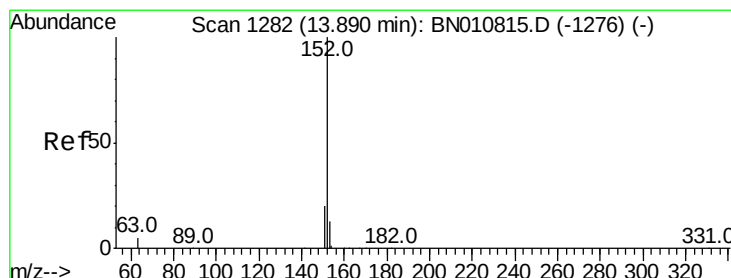
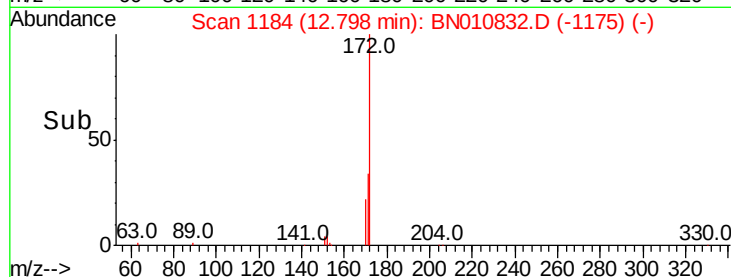
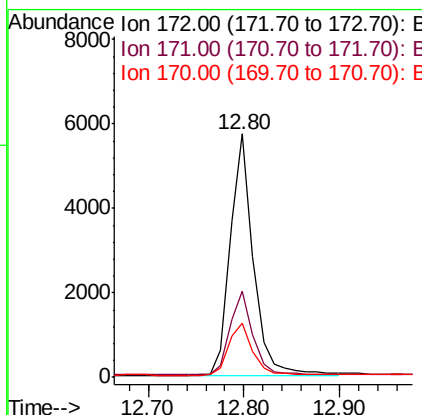
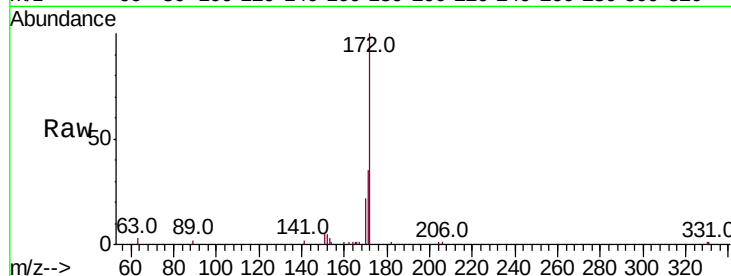




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

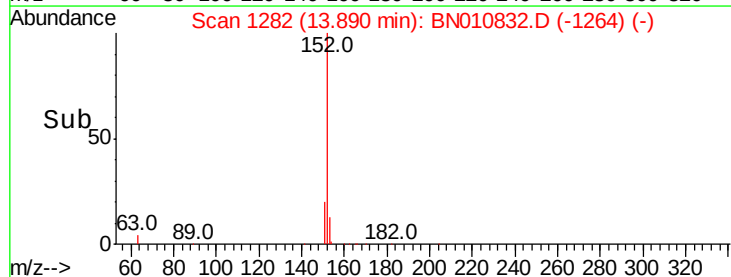
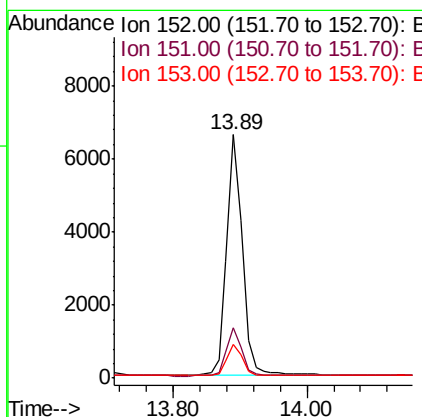
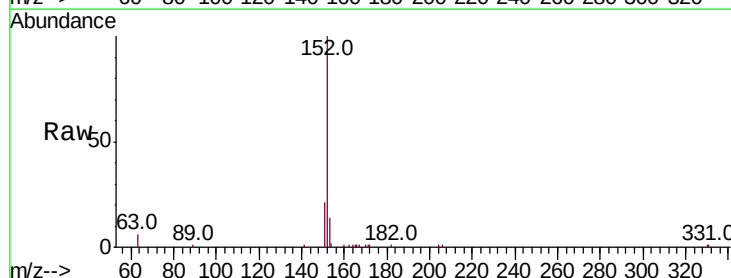
Instrument :
BNA_N
ClientSampleId :

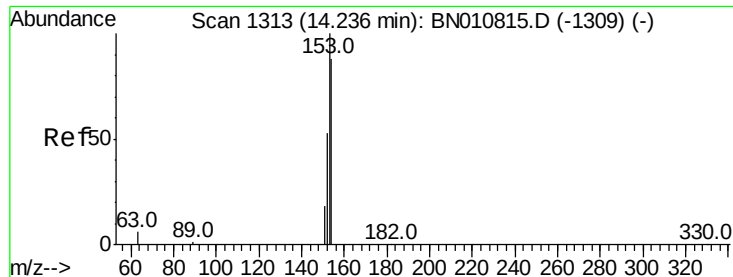
Tot Ion:172 Resp: 9604
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.5 19.7 29.5



#16
Acenaphthylene
Concen: 0.431 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:152 Resp: 10804
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.0 10.6 16.0





#17

Acenaphthene

Concen: 0.415 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :

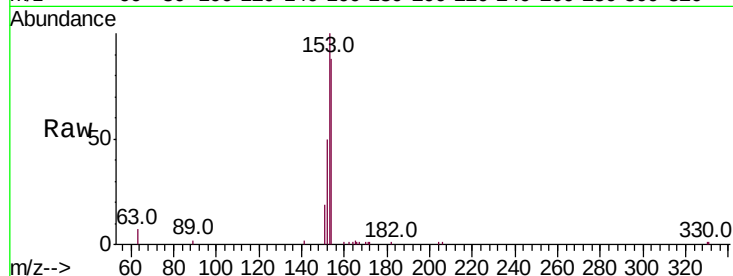
Tot Ion:154 Resp: 7109

Ion Ratio Lower Upper

154 100

153 115.6 91.8 137.6

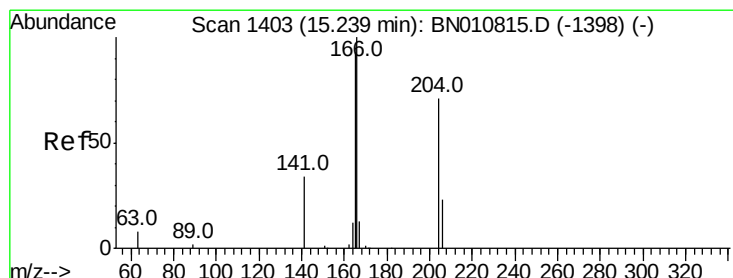
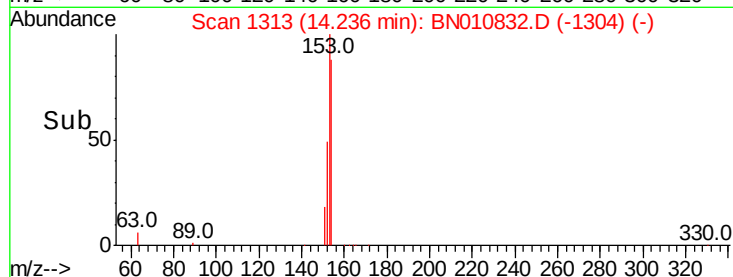
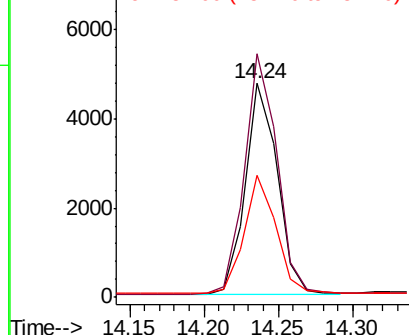
152 56.7 47.6 71.4



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: 0.410 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

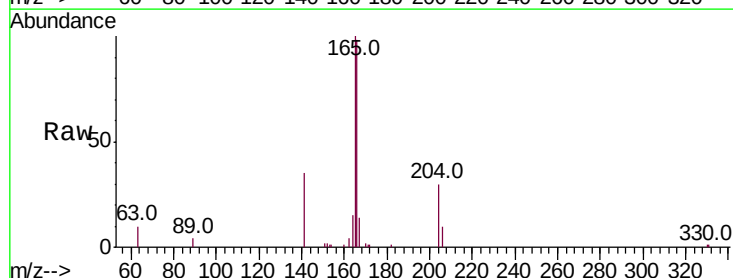
Tgt Ion:166 Resp: 9047

Ion Ratio Lower Upper

166 100

165 99.2 77.2 115.8

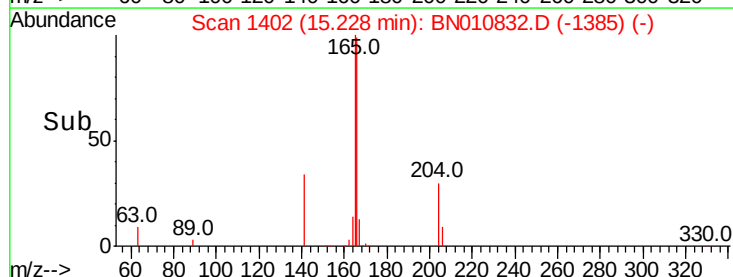
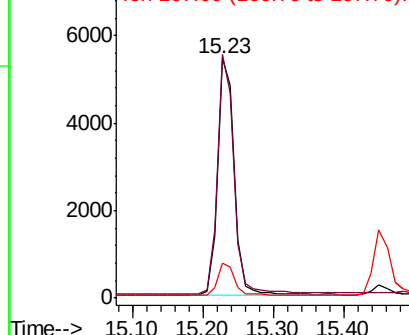
167 13.4 10.7 16.1

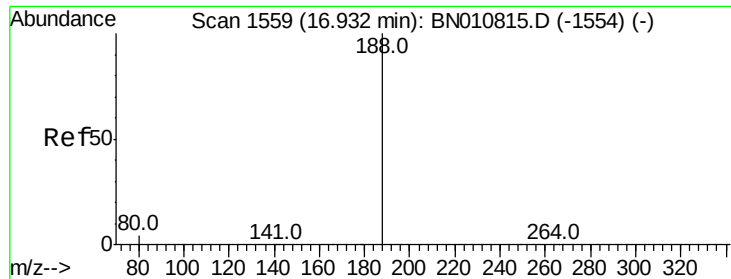


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :

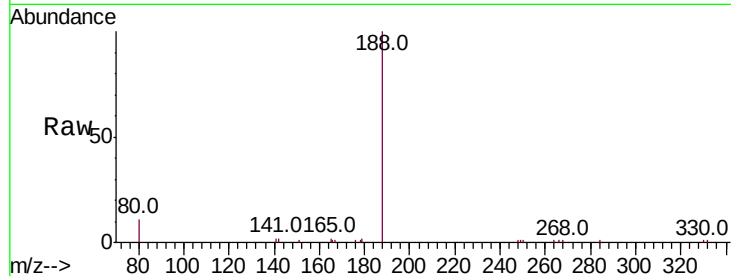
Tot Ion:188 Resp: 12588

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

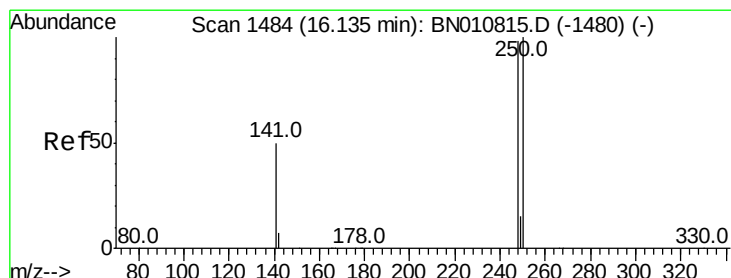
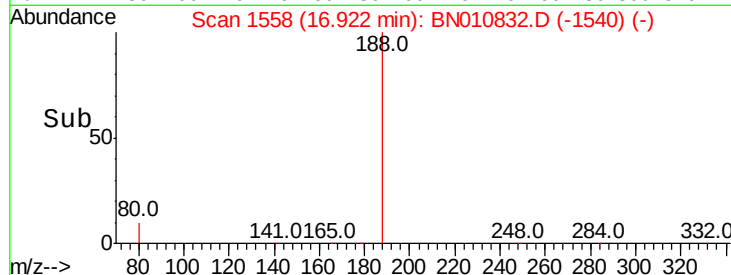
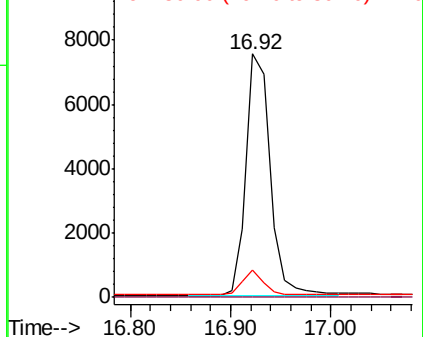
80 11.0 4.5 6.7#



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: 0.385 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

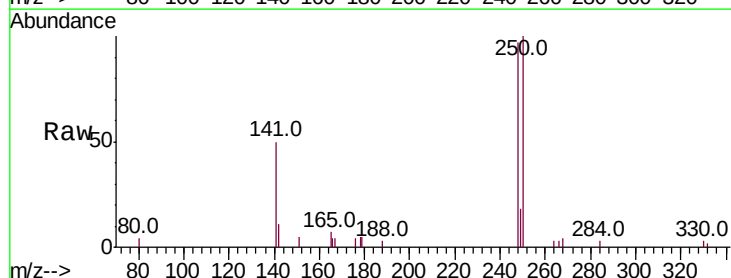
Tgt Ion:248 Resp: 2911

Ion Ratio Lower Upper

248 100

250 102.6 81.8 122.8

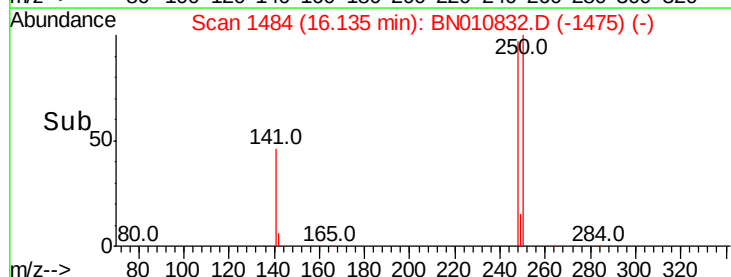
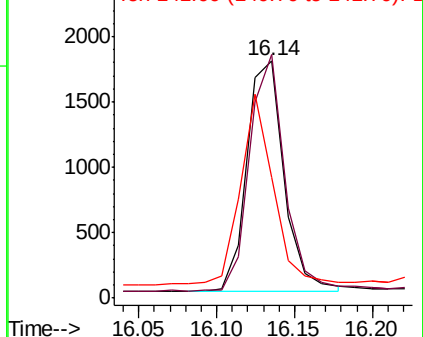
141 51.2 42.6 64.0

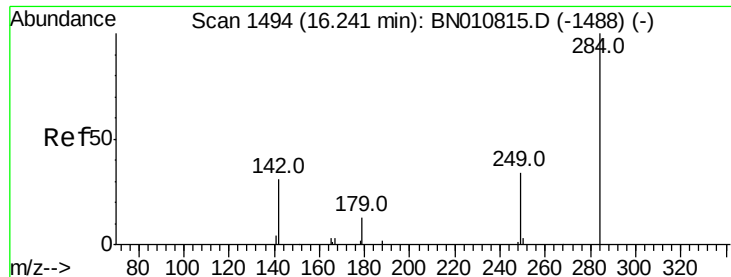


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

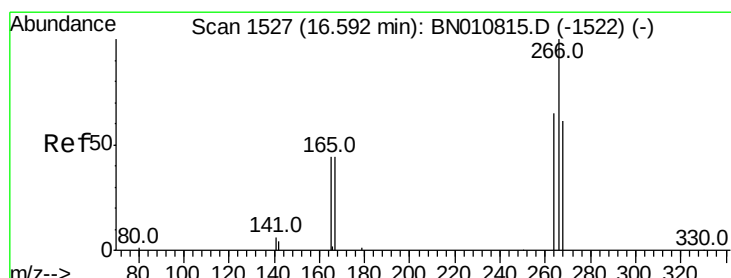
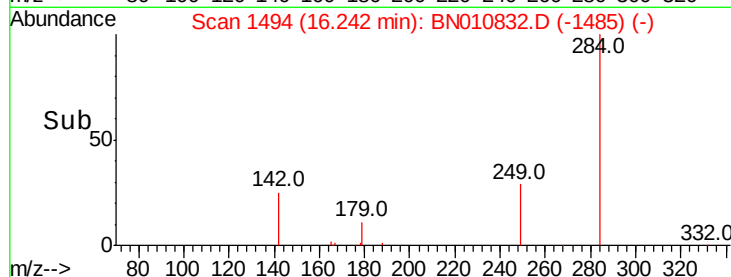
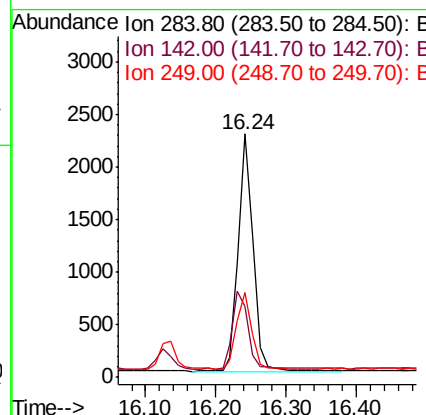
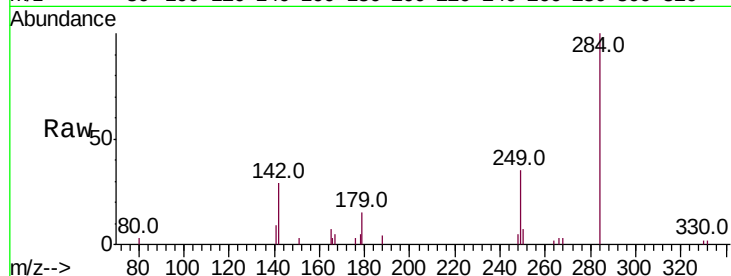




#21
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

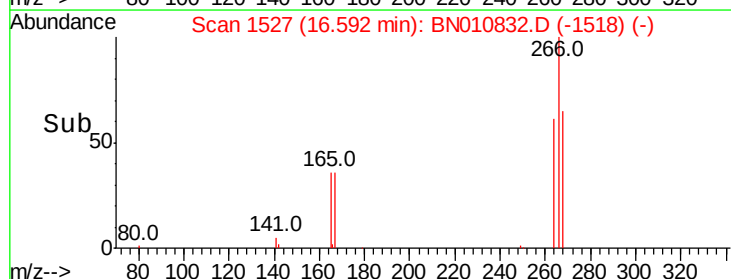
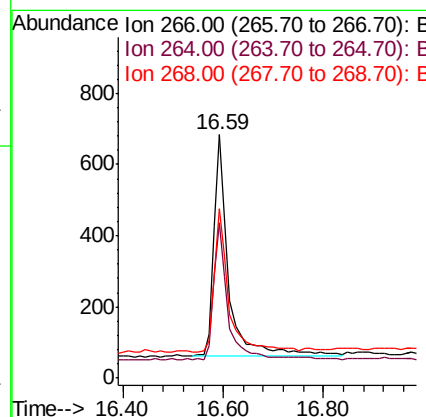
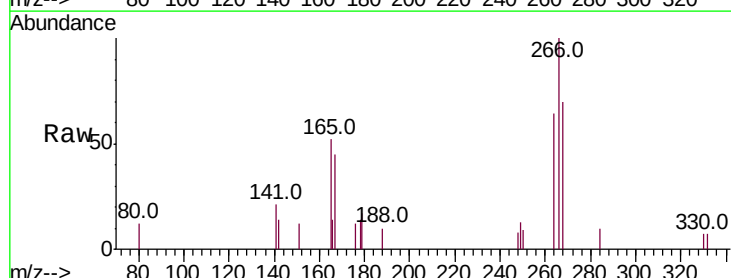
Instrument :
BNA_N
ClientSampleId :

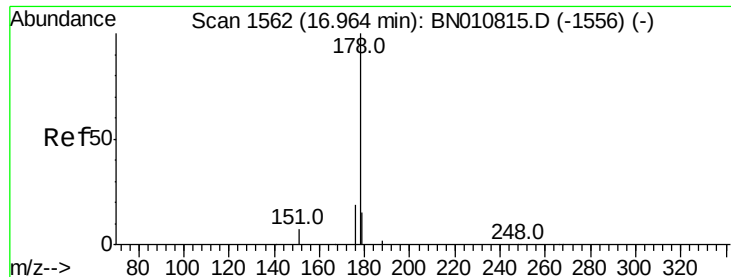
Tot Ion:284 Resp: 3253
Ion Ratio Lower Upper
284 100
142 34.7 31.0 46.4
249 32.9 27.1 40.7



#22
Pentachlorophenol
Concen: 0.485 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:266 Resp: 1284
Ion Ratio Lower Upper
266 100
264 63.6 54.8 82.2
268 69.7 55.9 83.9





#23

Phenanthrene

Concen: 0.420 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :

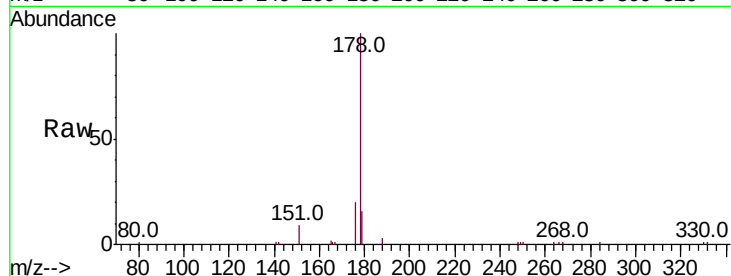
Tot Ion:178 Resp: 14457

Ion Ratio Lower Upper

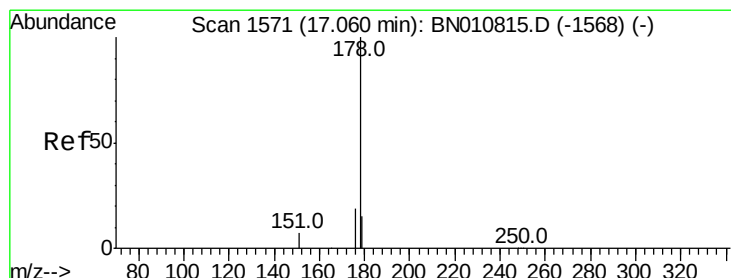
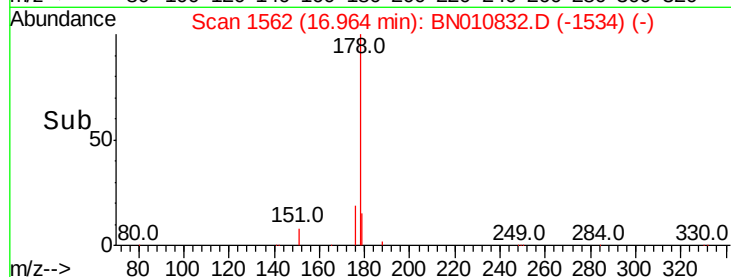
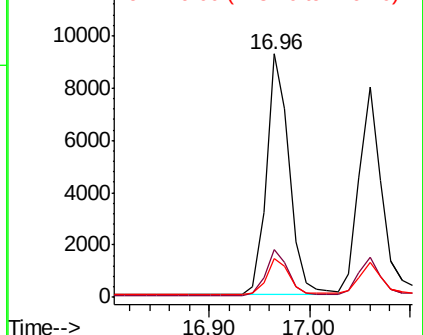
178 100

176 18.8 15.3 22.9

179 15.5 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: 0.441 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

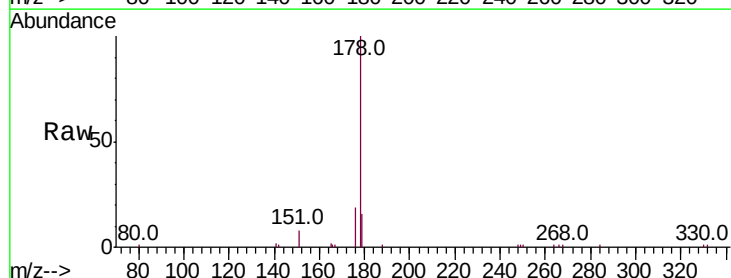
Tgt Ion:178 Resp: 12659

Ion Ratio Lower Upper

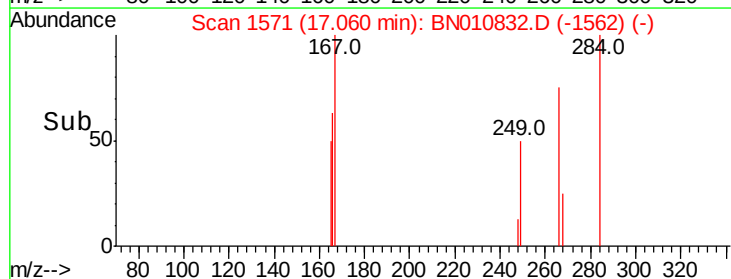
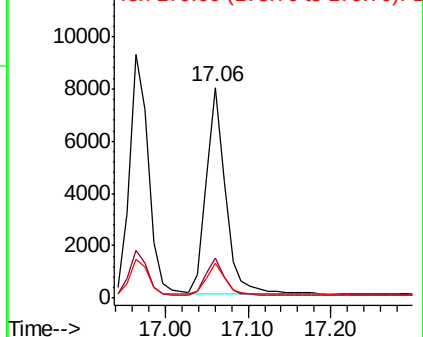
178 100

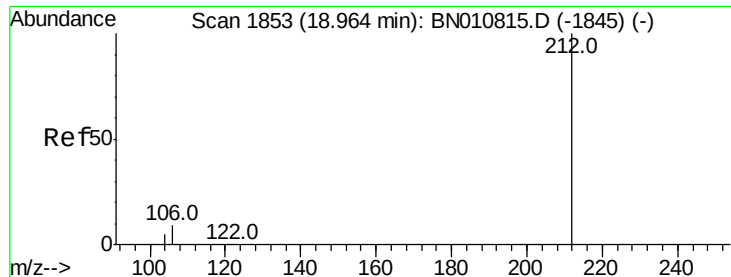
176 18.3 14.6 22.0

179 14.7 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: 0.454 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :

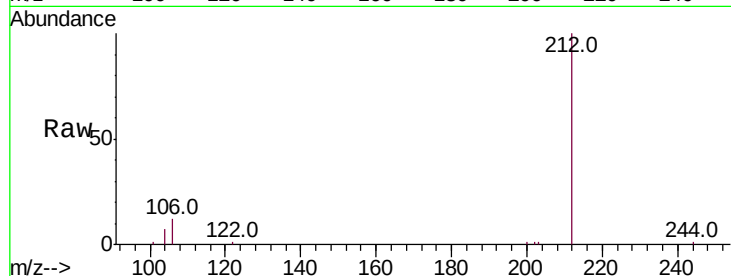
Tot Ion:212 Resp: 15785

Ion Ratio Lower Upper

212 100

106 10.5 6.6 10.0#

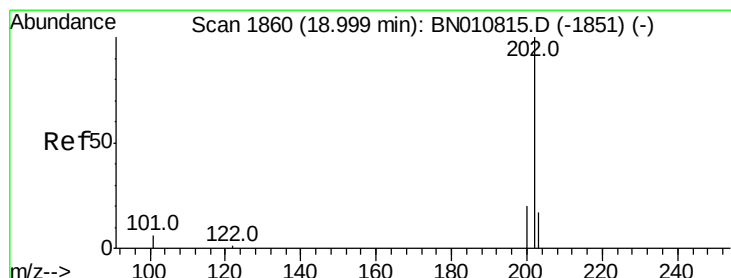
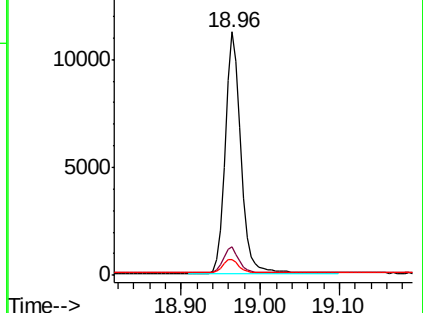
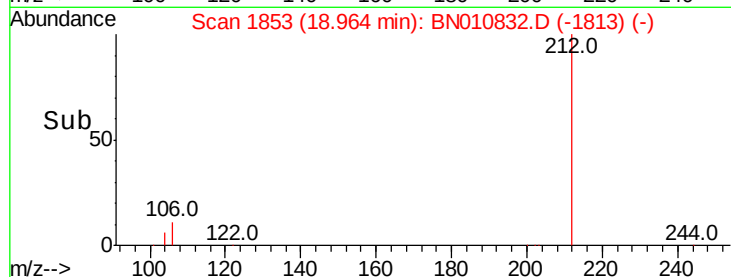
104 6.0 4.0 6.0



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: 0.444 ng

RT: 18.99 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

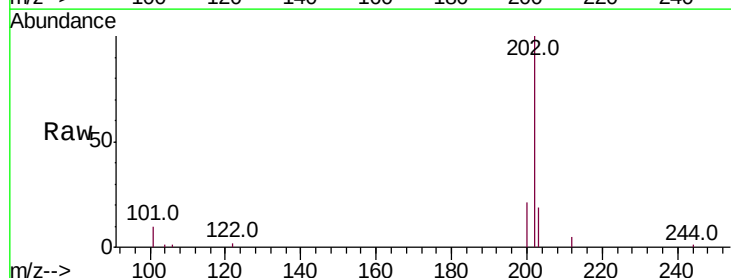
Tgt Ion:202 Resp: 17325

Ion Ratio Lower Upper

202 100

101 9.3 5.8 8.6#

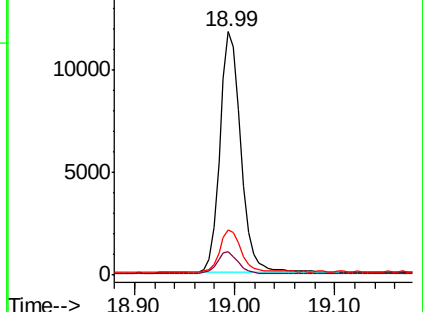
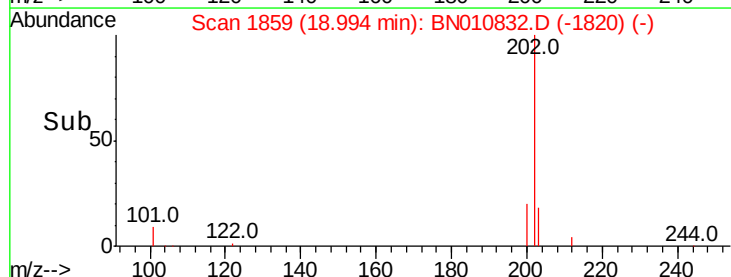
203 17.3 13.7 20.5

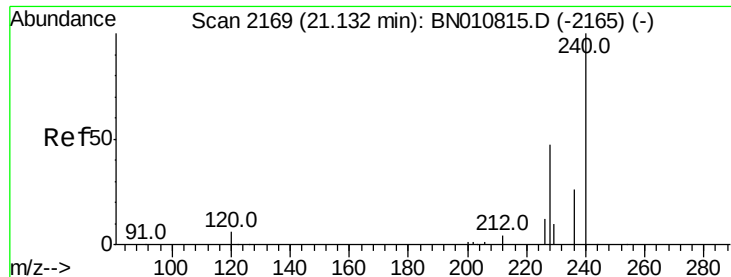


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

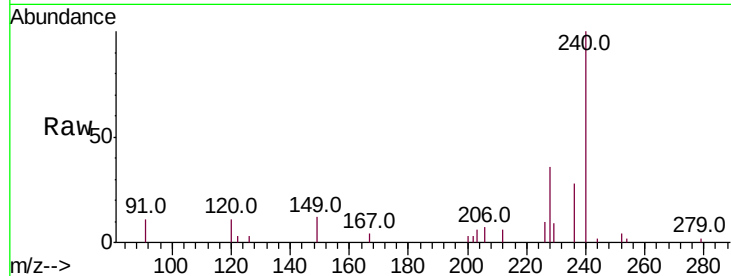




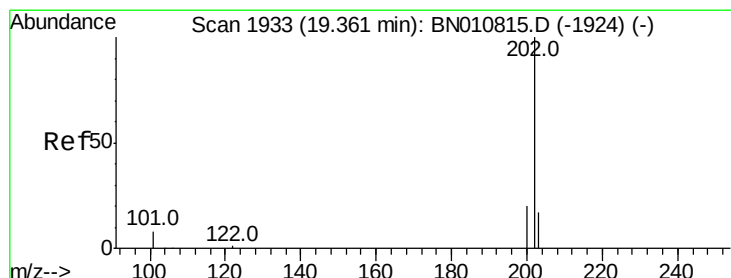
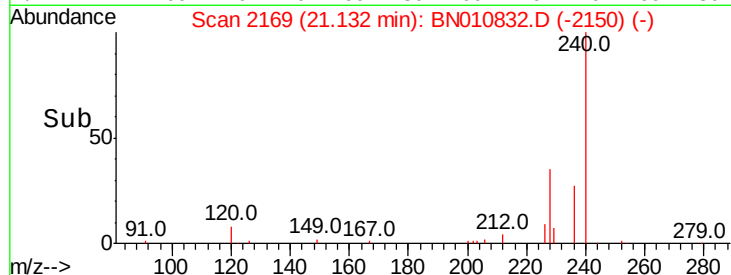
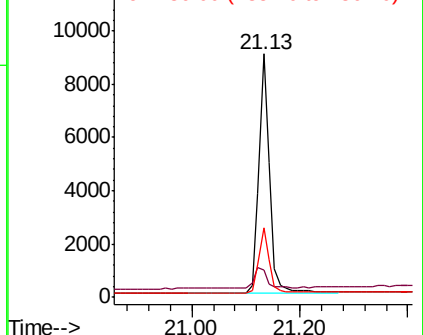
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 12824
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3
236 28.3 22.3 33.5

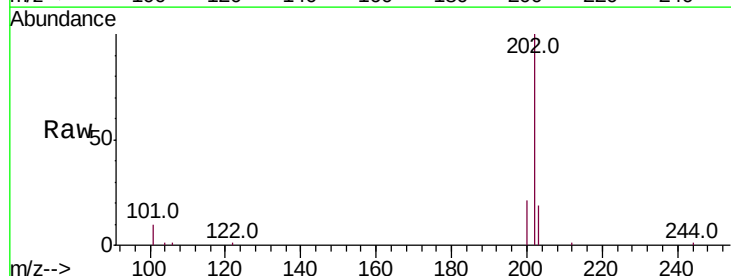


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

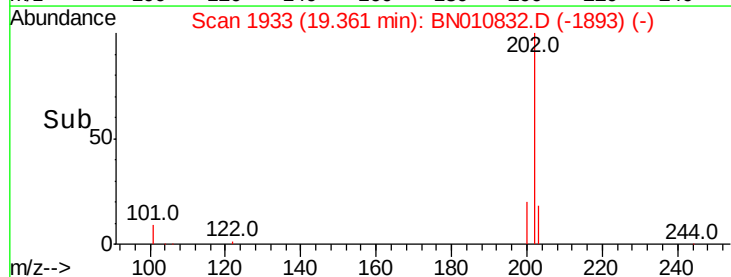
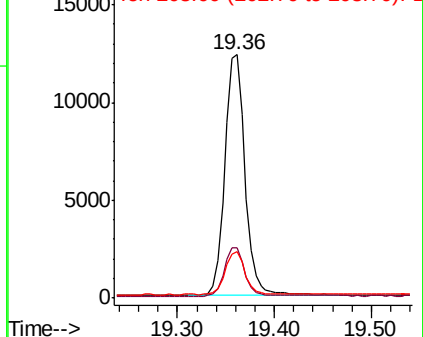


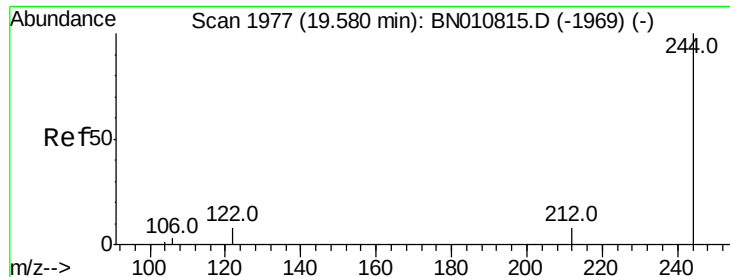
#28
Pyrene
Concen: 0.421 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:202 Resp: 17872
Ion Ratio Lower Upper
202 100
200 20.1 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: 0.401 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :

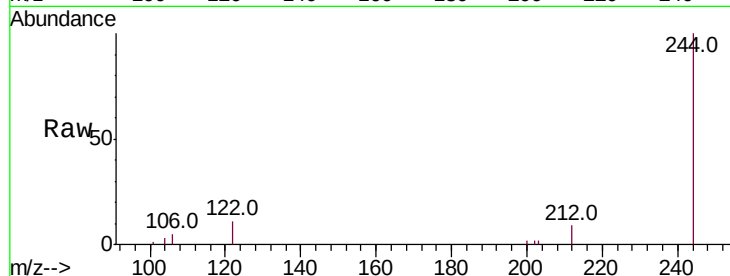
Tot Ion:244 Resp: 12033

Ion Ratio Lower Upper

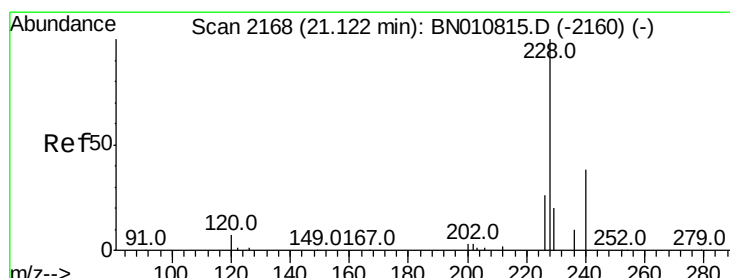
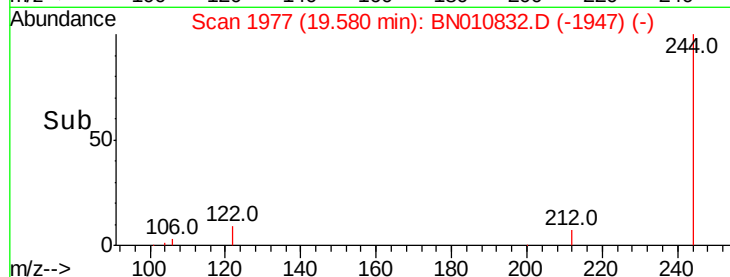
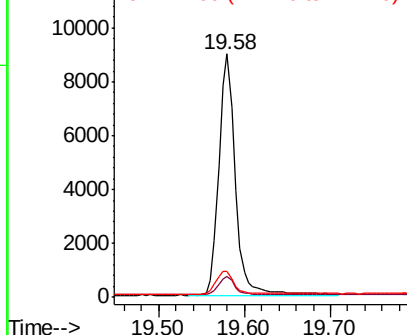
244 100

212 8.6 7.4 11.2

122 10.6 7.5 11.3



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: 0.456 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

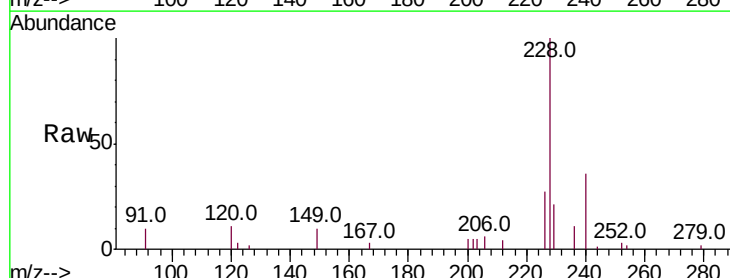
Tgt Ion:228 Resp: 17174

Ion Ratio Lower Upper

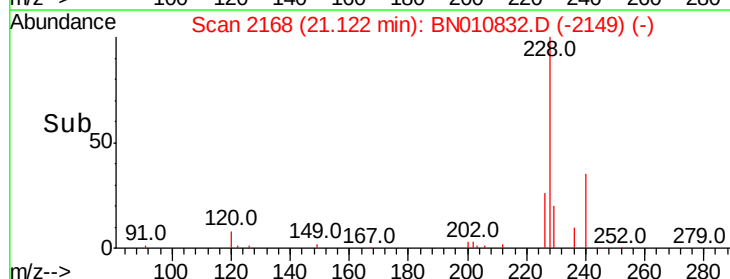
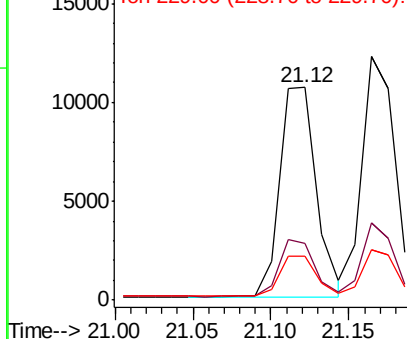
228 100

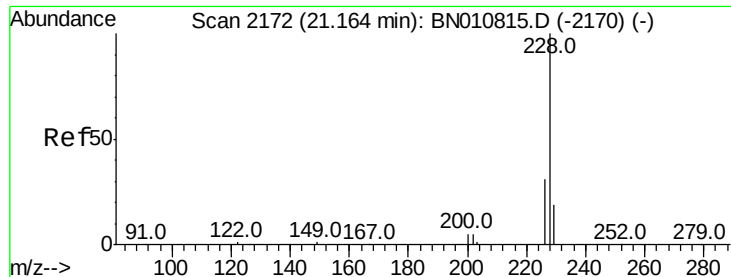
226 26.9 21.3 31.9

229 21.0 16.6 24.8



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: 0.412 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

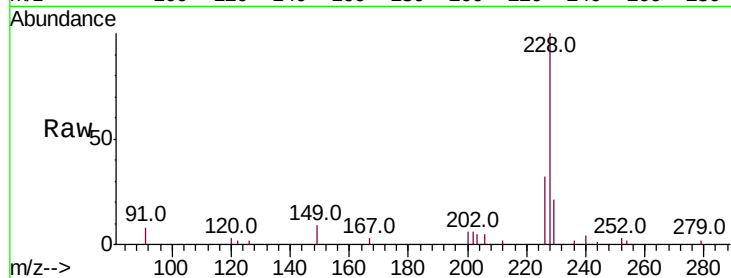
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 18093

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.6	16.1	24.1

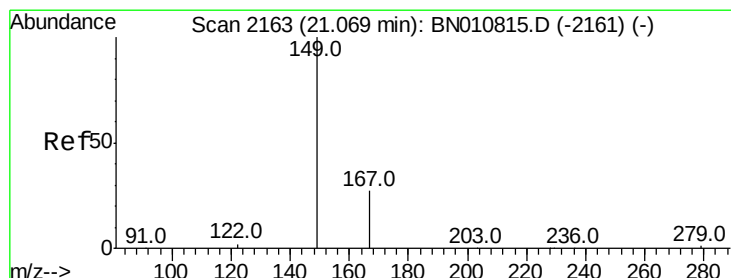
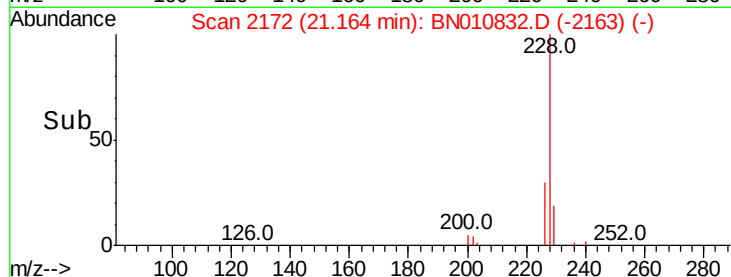
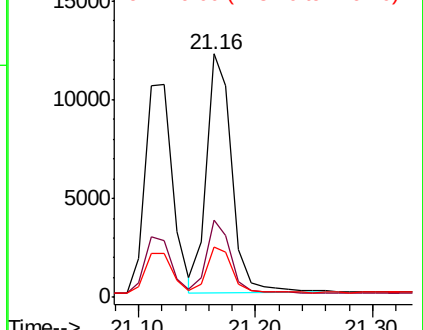


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.680 ng

RT: 21.08 min Scan# 2164

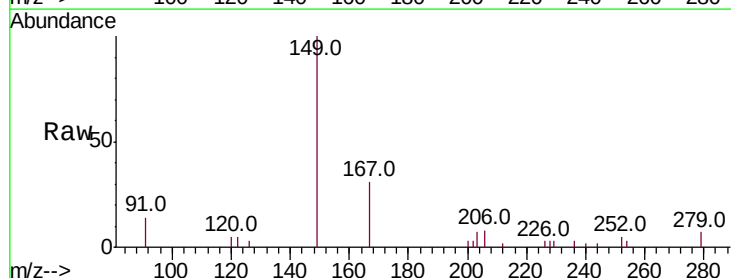
Delta R.T. 0.01 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Tgt Ion:149 Resp: 8548

Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.1	36.1
279	4.9	4.6	7.0

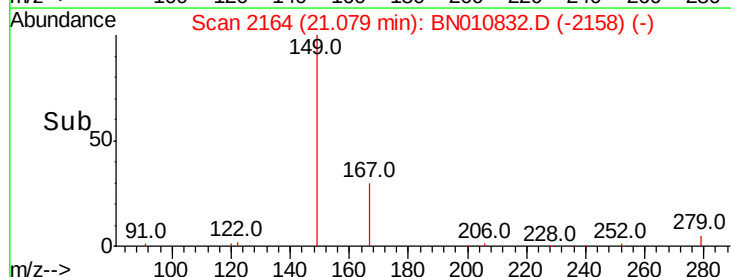
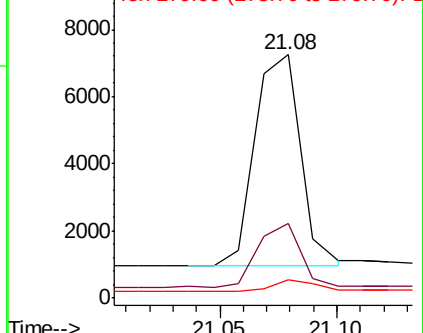


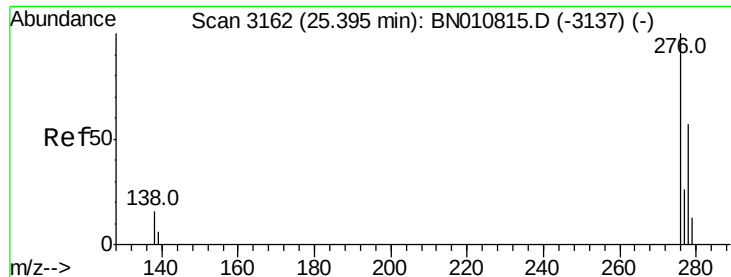
Abundance

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: 0.427 ng

RT: 25.40 min Scan# 3164

Delta R.T. 0.01 min

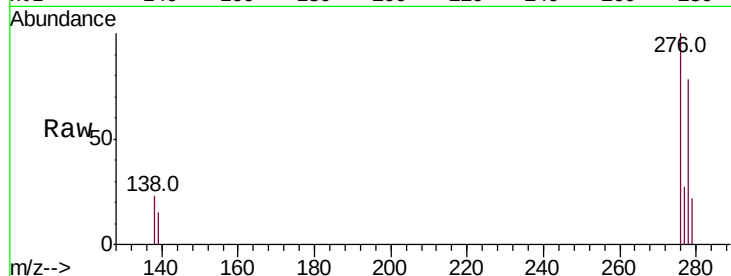
Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :



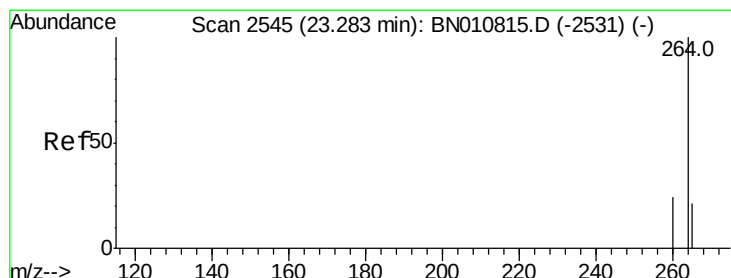
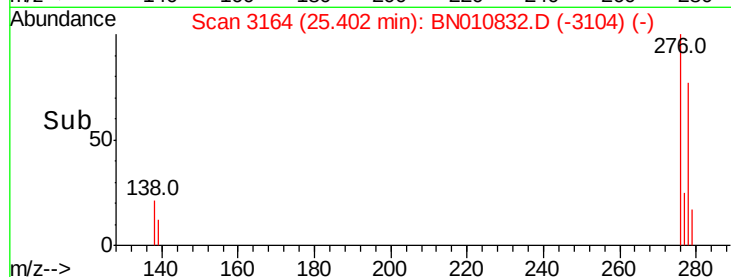
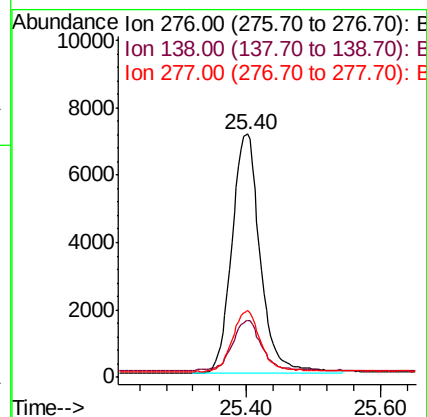
Tot Ion:276 Resp: 20957

Ion Ratio Lower Upper

276 100

138 21.5 13.0 19.6#

277 25.0 19.7 29.5



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.28 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

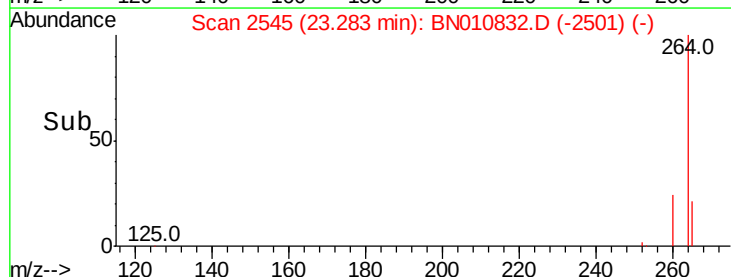
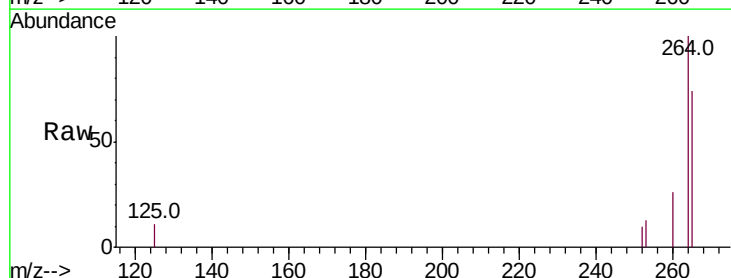
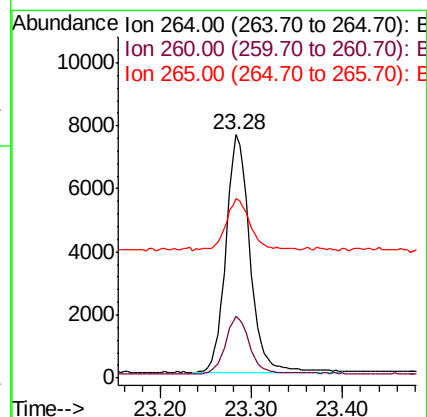
Tgt Ion:264 Resp: 13806

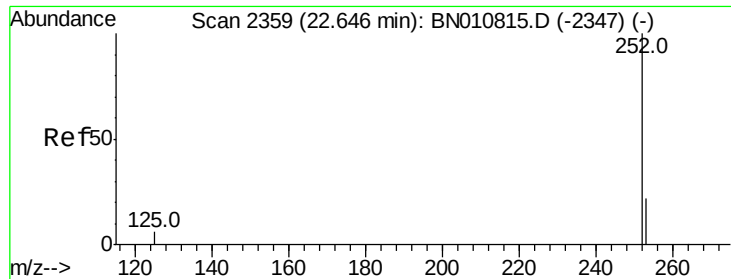
Ion Ratio Lower Upper

264 100

260 25.6 20.4 30.6

265 73.6 75.0 112.4#

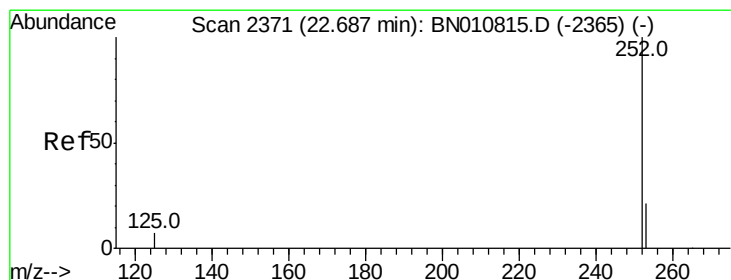
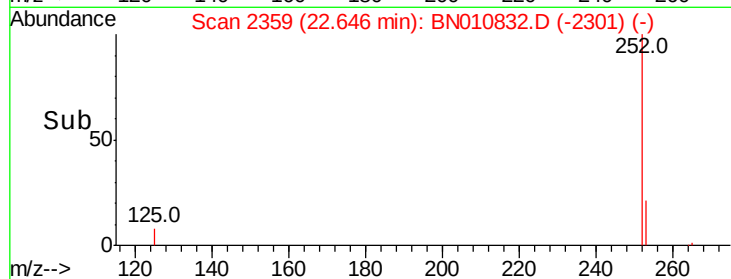
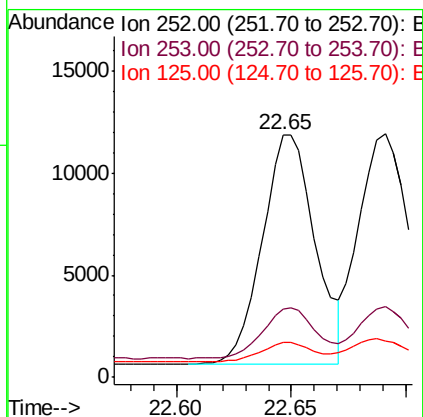
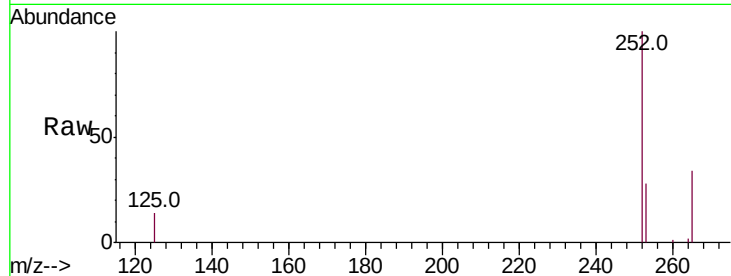




#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.65 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

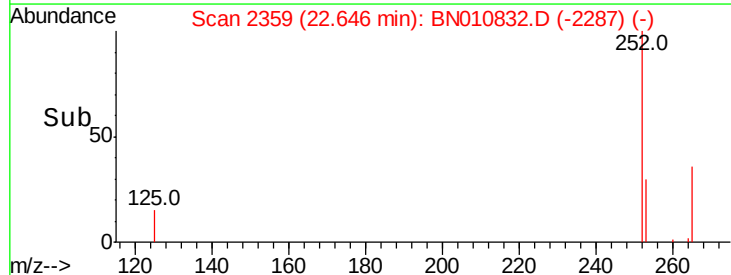
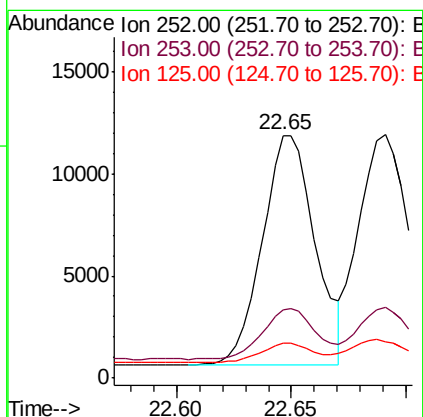
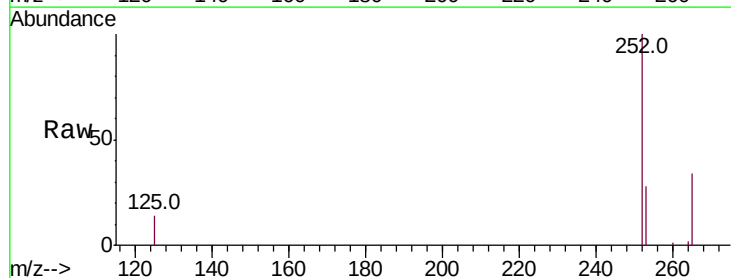
Instrument :
BNA_N
ClientSampleId :

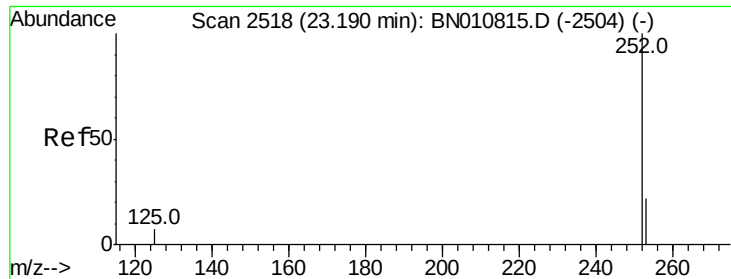
Tot Ion:252 Resp: 18001
Ion Ratio Lower Upper
252 100
253 28.0 22.4 33.6
125 14.4 9.4 14.0#



#36
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 22.65 min Scan# 2359
Delta R.T. -0.04 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:252 Resp: 18001
Ion Ratio Lower Upper
252 100
253 28.0 22.2 33.4
125 14.4 9.8 14.8





#37

Benzo(a)pyrene

Concen: 0.413 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :

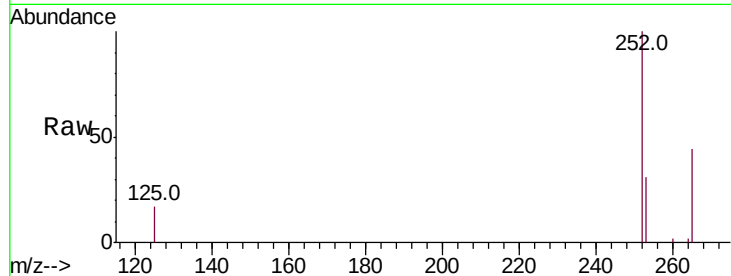
Tot Ion:252 Resp: 16617

Ion Ratio Lower Upper

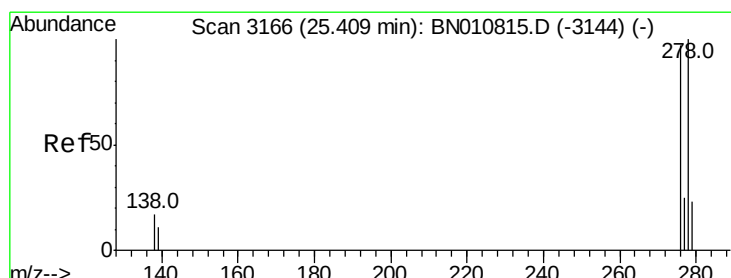
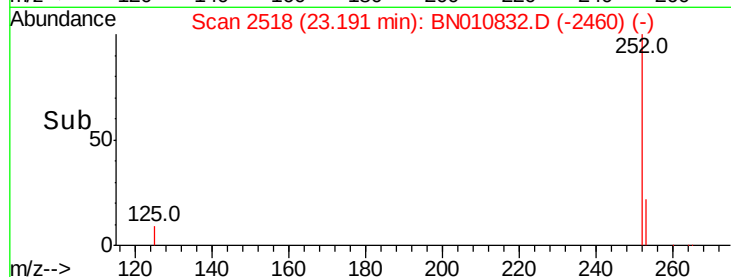
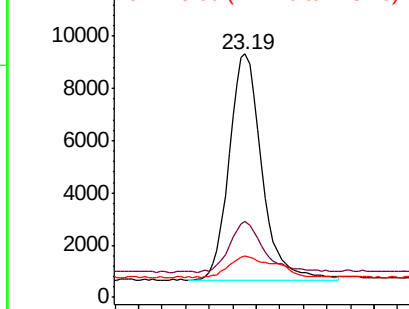
252 100

253 31.0 25.8 38.8

125 16.9 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: 0.377 ng

RT: 25.41 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

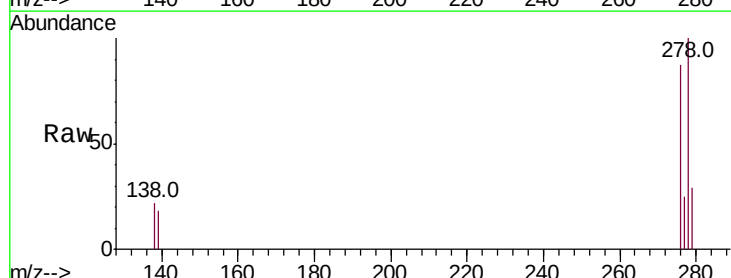
Tgt Ion:278 Resp: 17325

Ion Ratio Lower Upper

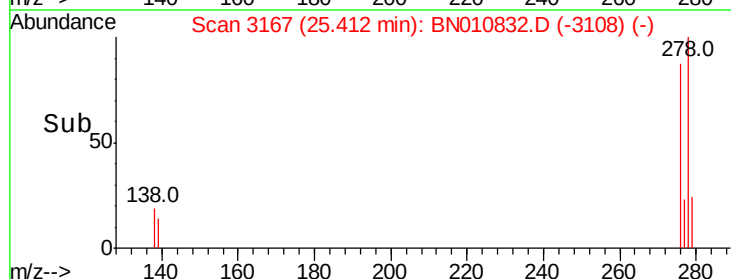
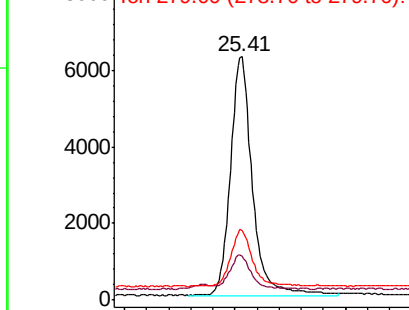
278 100

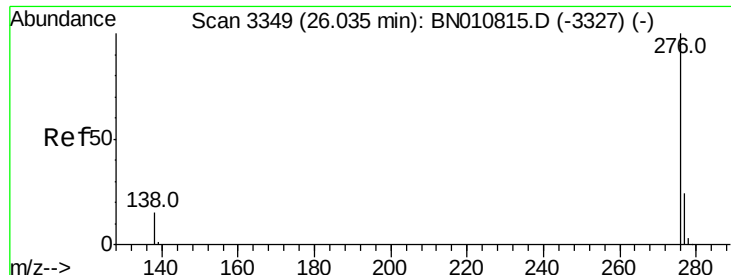
139 18.0 10.6 15.8#

279 28.7 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: 0.365 ng

RT: 26.04 min Scan# 3349

Delta R.T. 0.00 min

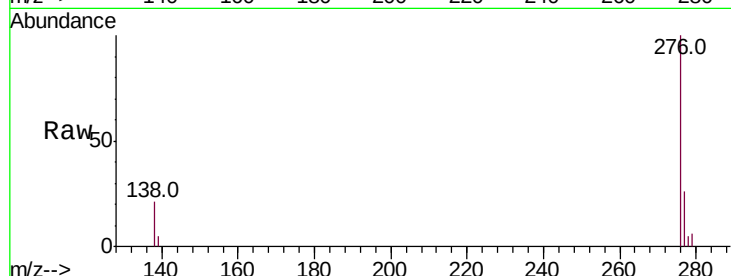
Lab File: BN010832.D

Acq: 11 Jun 2020 00:03

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 17518

Ion Ratio Lower Upper

276 100

277 26.0 20.5 30.7

138 21.0 13.7 20.5#

Abundance Ion 276.00 (275.70 to 276.70): E
8000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

