

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010882.D
 Acq On : 15 Jun 2020 20:02
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 16 03:22:24 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 15 11:09:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2902	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	10282	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	5580	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	11493	0.40	ng	0.00
27) Chrysene-d12	21.13	240	11249	0.40	ng	0.00
34) Perylene-d12	23.27	264	12416	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2733	0.49	ng	0.00
5) Phenol-d6	6.74	99	3269	0.50	ng	0.00
8) Nitrobenzene-d5	8.68	82	3157	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	6760	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	835	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	9303	0.42	ng	0.00
25) Fluoranthene-d10	18.96	212	13642	0.43	ng	0.00
29) Terphenyl-d14	19.57	244	10670	0.41	ng	0.00

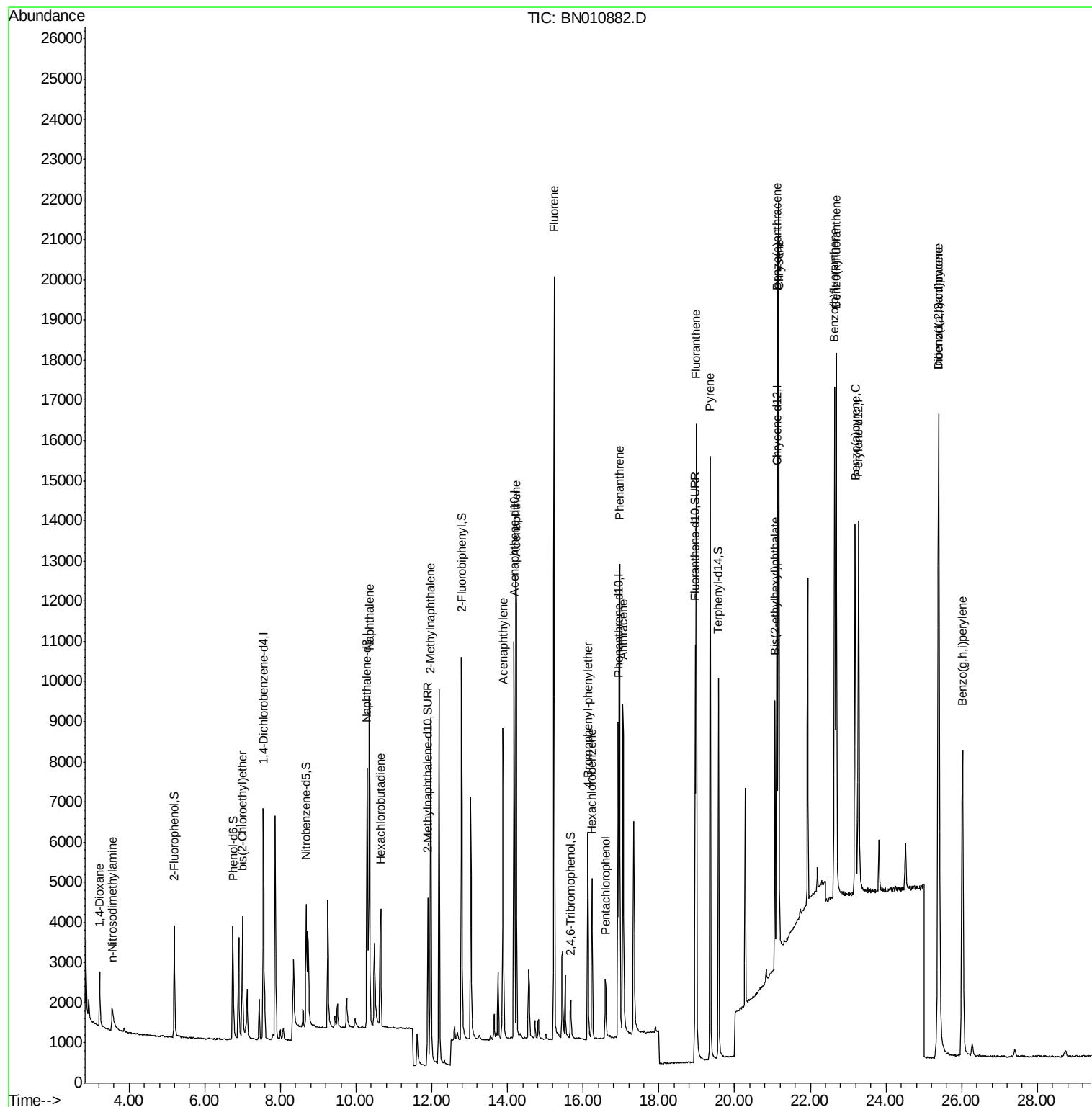
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1315	0.463	ng	95
3) n-Nitrosodimethylamine	3.55	42	607	0.367	ng	# 94
6) bis(2-Chloroethyl)ether	6.99	93	3135	0.487	ng	93
9) Naphthalene	10.34	128	11043	0.427	ng	99
10) Hexachlorobutadiene	10.65	225	2524	0.395	ng	# 99
12) 2-Methylnaphthalene	11.97	142	7297	0.422	ng	99
16) Acenaphthylene	13.88	152	9711	0.425	ng	100
17) Acenaphthene	14.24	154	6652	0.427	ng	99
18) Fluorene	15.23	166	8429	0.419	ng	99
20) 4-Bromophenyl-phenylether	16.12	248	2732	0.396	ng	93
21) Hexachlorobenzene	16.23	284	3047	0.423	ng	96
22) Pentachlorophenol	16.58	266	952	0.394	ng	98
23) Phenanthrene	16.96	178	13273	0.423	ng	99
24) Anthracene	17.05	178	11107	0.424	ng	100
26) Fluoranthene	18.99	202	15281	0.429	ng	99
28) Pyrene	19.35	202	15322	0.412	ng	100
30) Benzo(a)anthracene	21.11	228	14439	0.437	ng	99
31) Chrysene	21.16	228	15593	0.405	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	5460	0.495	ng	96
33) Indeno(1,2,3-cd)pyrene	25.38	276	19961	0.464	ng	# 95
35) Benzo(b)fluoranthene	22.64	252	15839	0.375	ng	97
36) Benzo(k)fluoranthene	22.68	252	18149	0.404	ng	98
37) Benzo(a)pyrene	23.18	252	14766	0.408	ng	94
38) Dibenzo(a,h)anthracene	25.39	278	16028	0.388	ng	96
39) Benzo(g,h,i)perylene	26.02	276	16289	0.377	ng	97

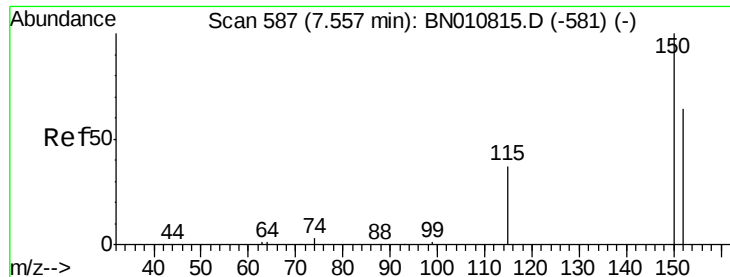
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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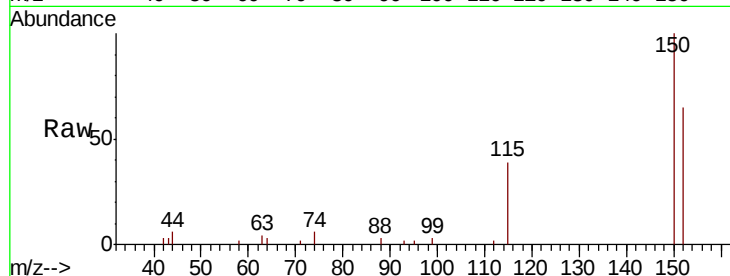


#1

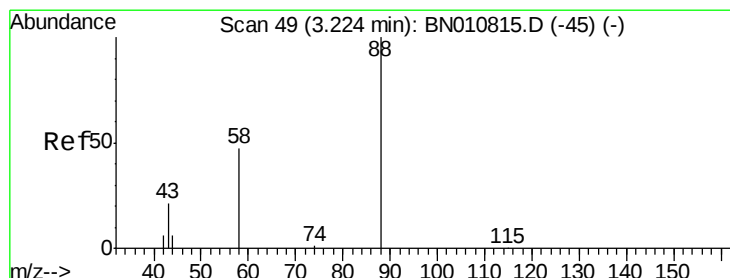
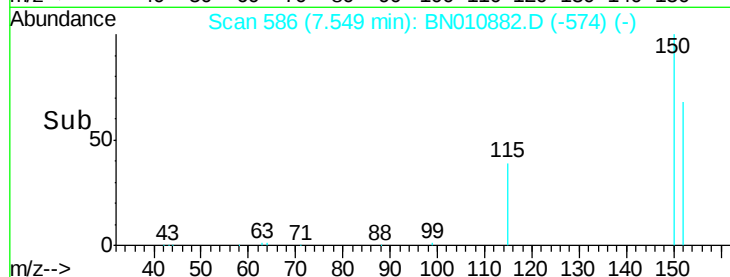
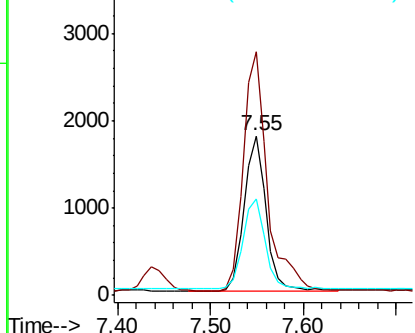
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2902
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 60.1 49.2 73.8



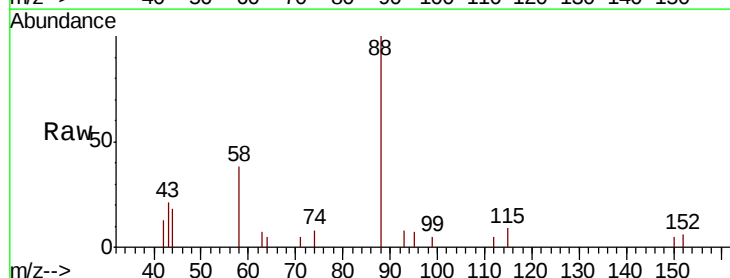
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



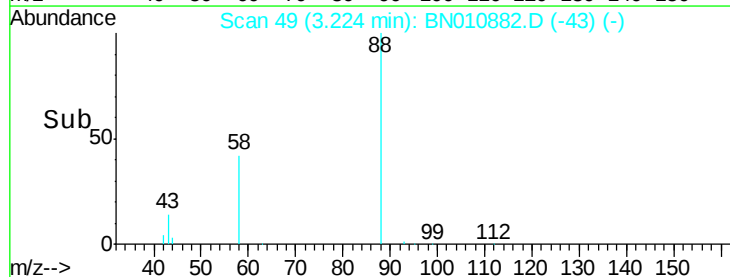
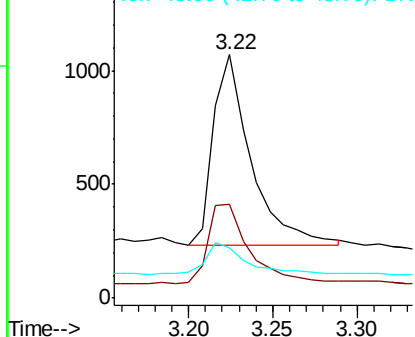
#2

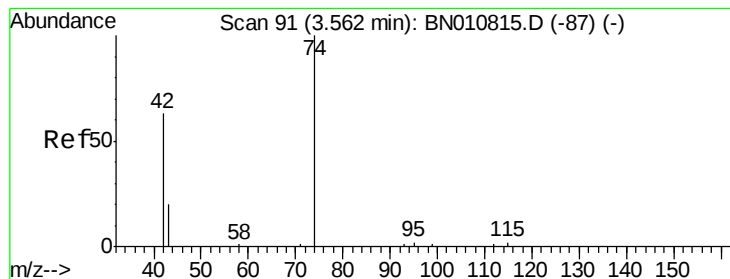
1,4-Dioxane
Concen: 0.463 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

Tgt Ion: 88 Resp: 1315
Ion Ratio Lower Upper
88 100
58 44.0 38.2 57.4
43 16.8 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.367 ng

RT: 3.55 min Scan# 89

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

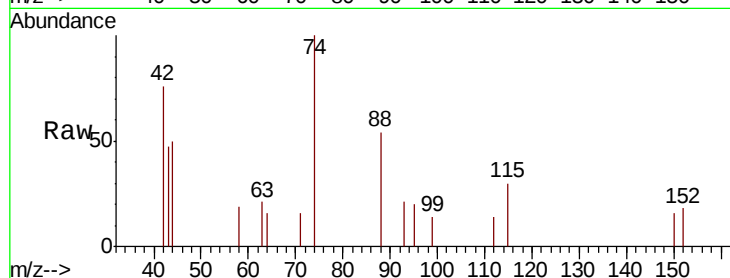
Tot Ion: 42 Resp: 607

Ion Ratio Lower Upper

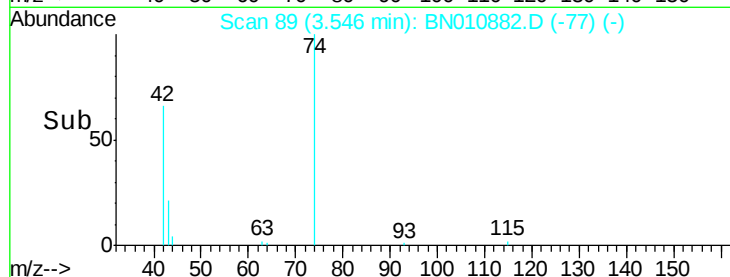
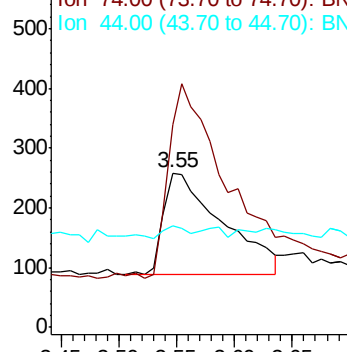
42 100

74 184.0 140.7 211.1

44 4.9 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN010815.D (-87) (-)



#4

2-Fluorophenol

Concen: 0.488 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

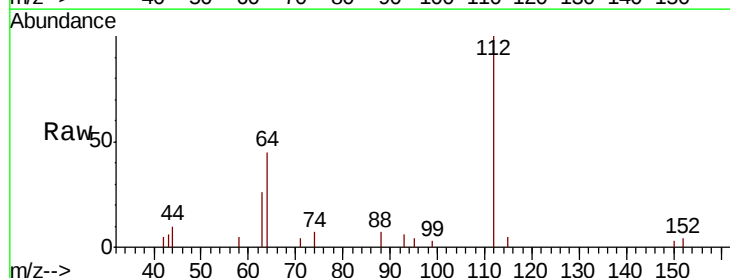
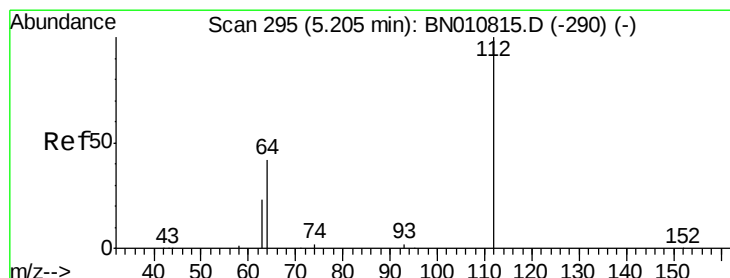
Tgt Ion: 112 Resp: 2733

Ion Ratio Lower Upper

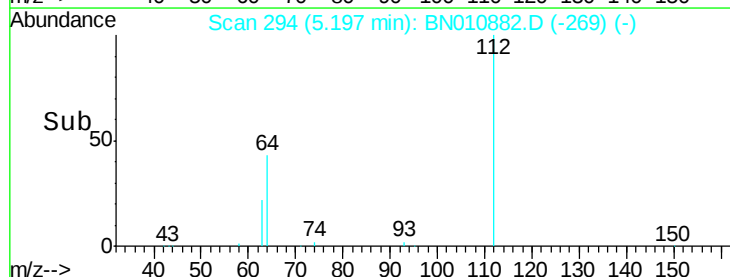
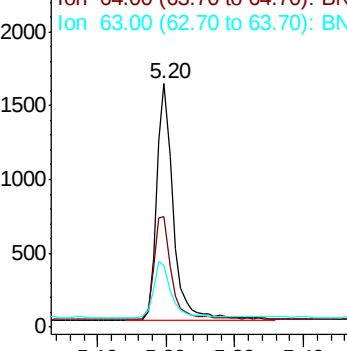
112 100

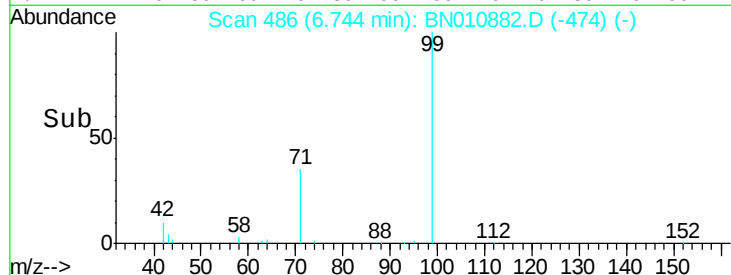
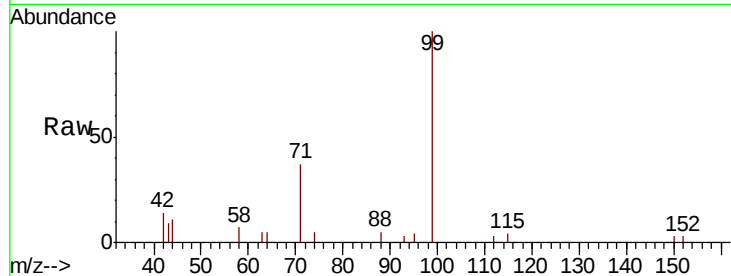
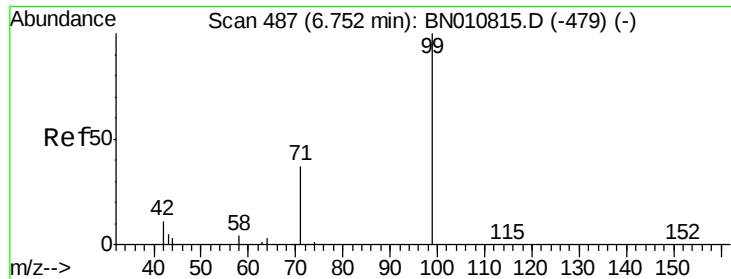
64 46.2 37.4 56.0

63 25.0 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BN010815.D (-290) (-)





#5

Phenol-d6

Concen: 0.495 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

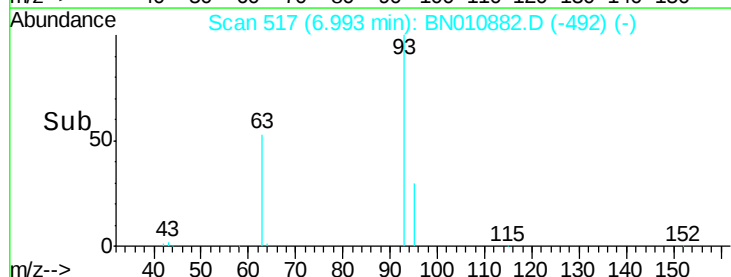
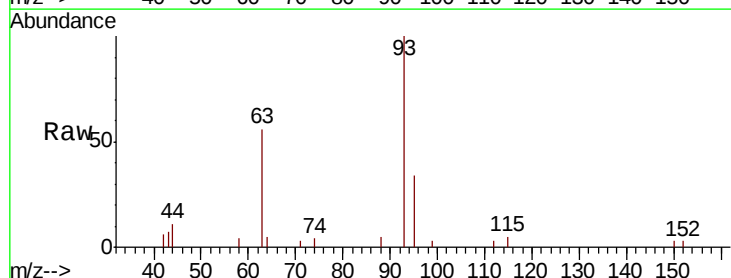
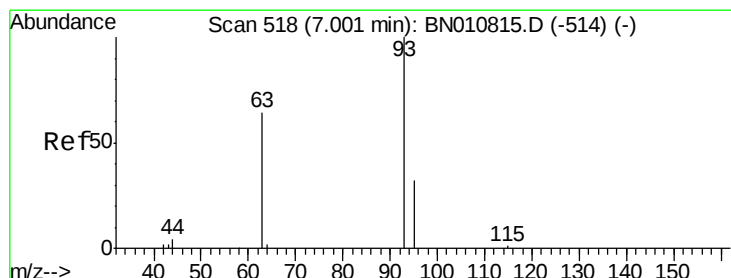
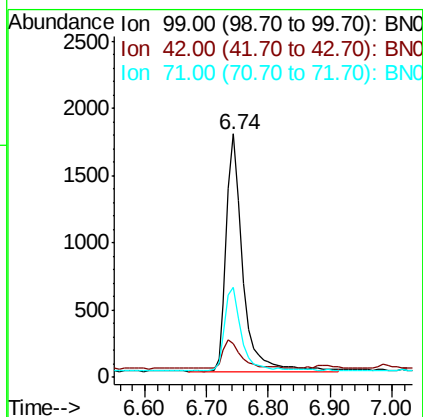
Tot Ion: 99 Resp: 3269

Ion Ratio Lower Upper

99 100

42 13.5 11.1 16.7

71 35.1 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.487 ng

RT: 6.99 min Scan# 517

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

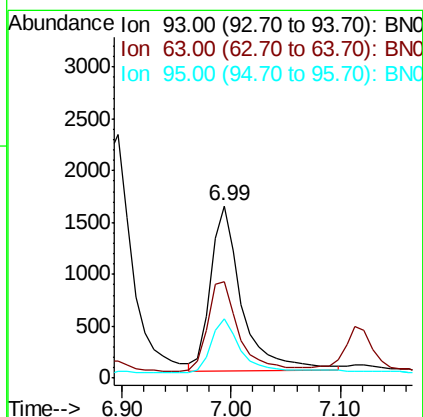
Tgt Ion: 93 Resp: 3135

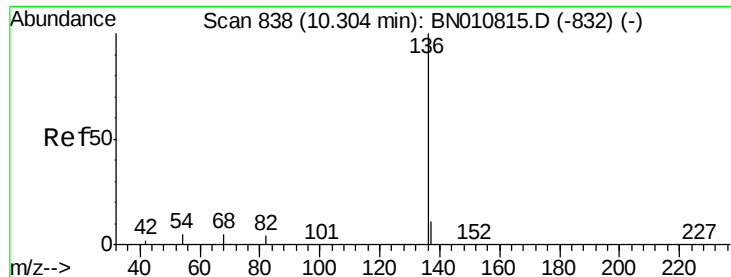
Ion Ratio Lower Upper

93 100

63 55.1 49.4 74.2

95 31.6 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 10282

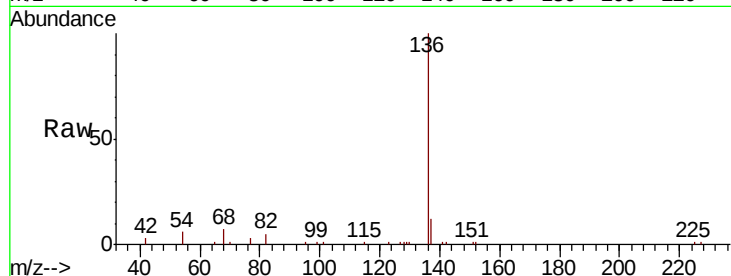
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 5.8 4.9 7.3

68 6.7 4.7 7.1

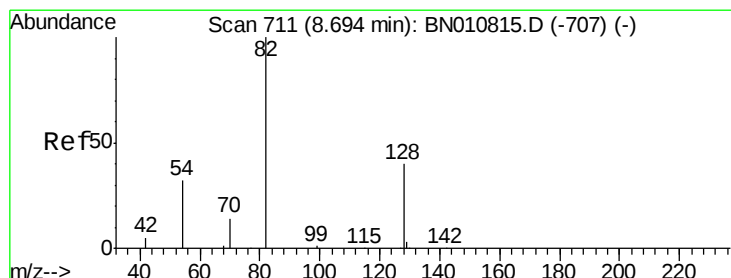
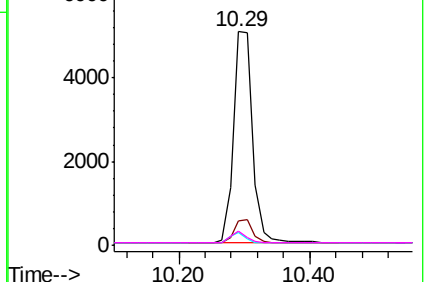
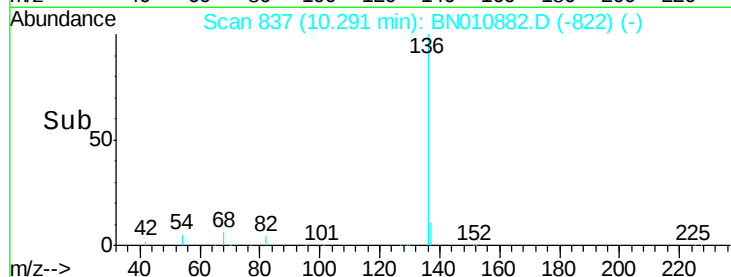


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.415 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

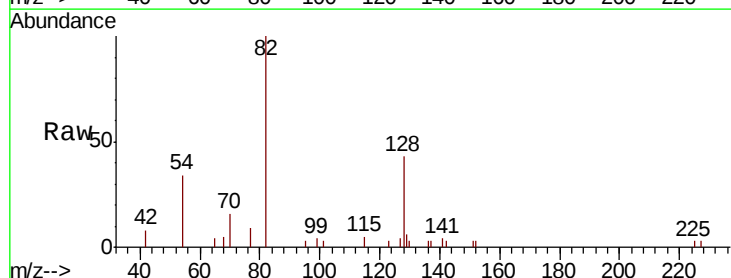
Tgt Ion: 82 Resp: 3157

Ion Ratio Lower Upper

82 100

128 42.5 35.4 53.0

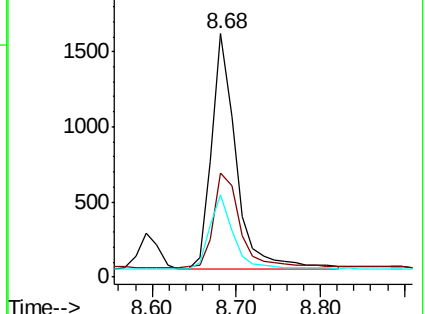
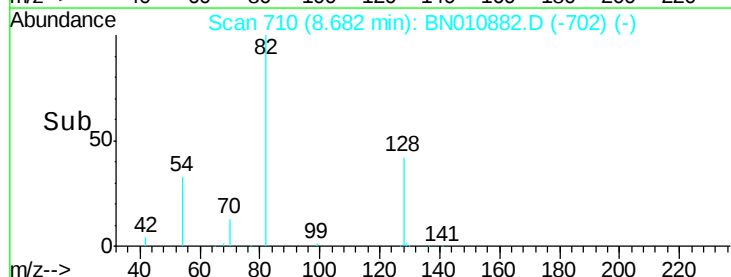
54 33.9 28.2 42.4

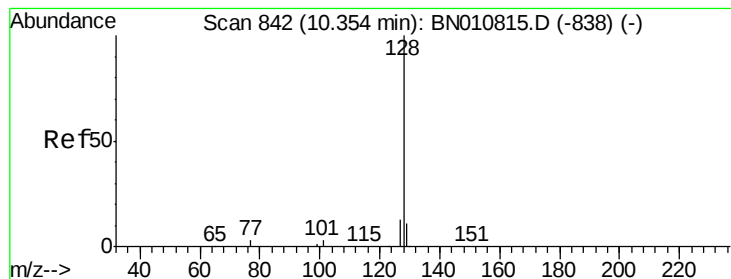


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.427 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

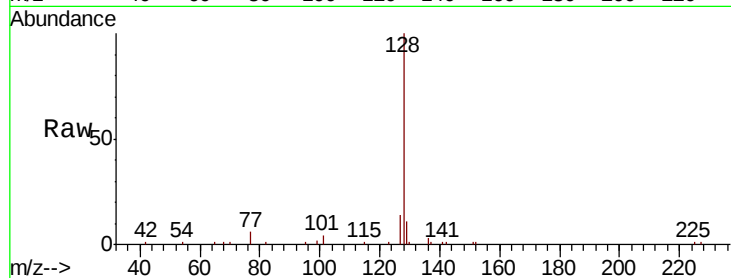
Tot Ion:128 Resp: 11043

Ion Ratio Lower Upper

128 100

129 11.3 9.6 14.4

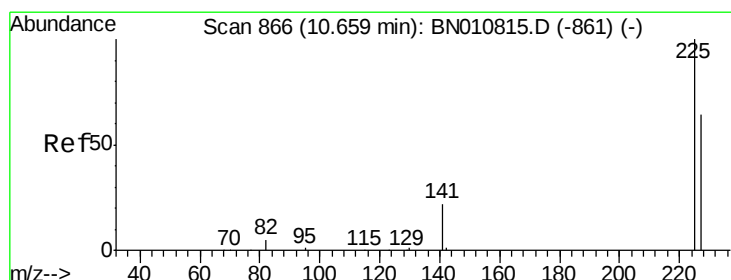
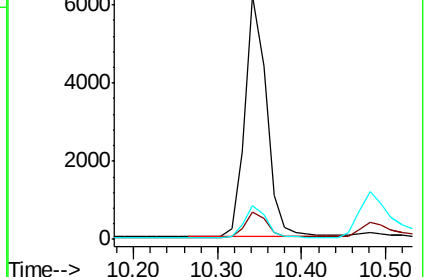
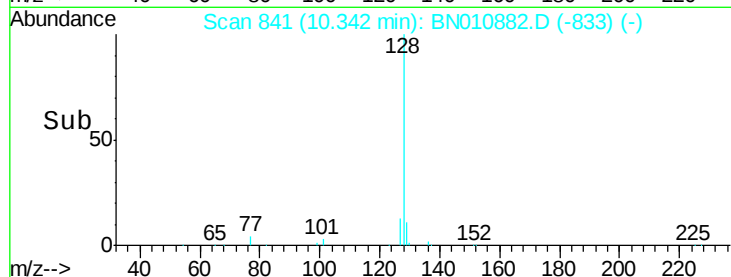
127 14.1 11.4 17.2



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: 0.395 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

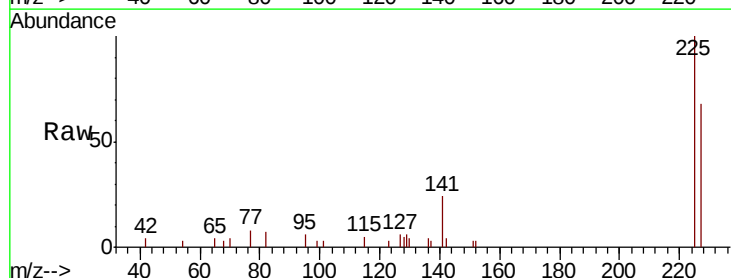
Tgt Ion:225 Resp: 2524

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

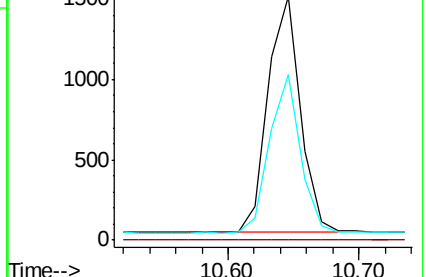
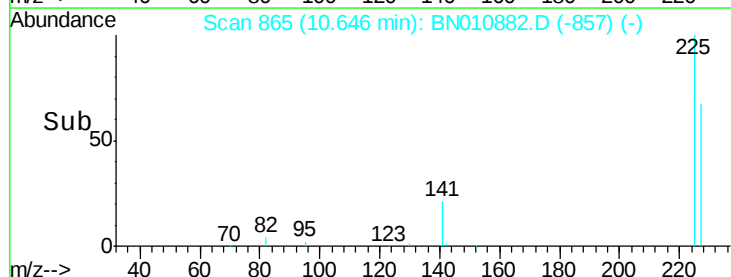
227 63.8 50.5 75.7

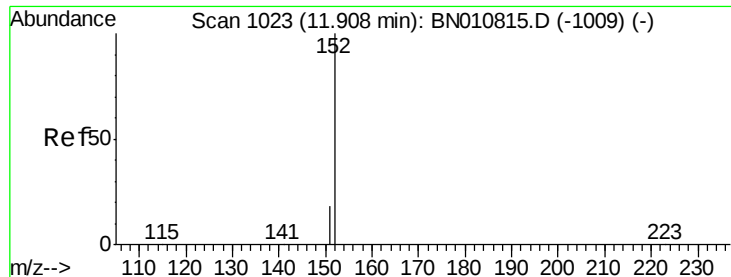


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

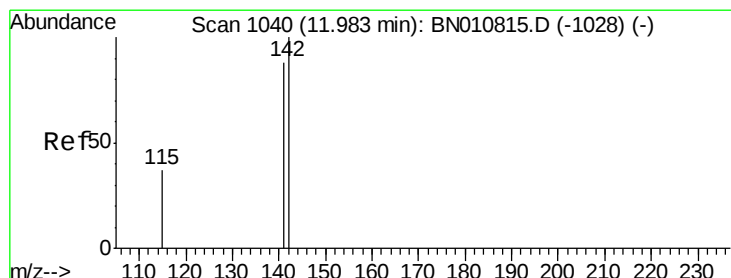
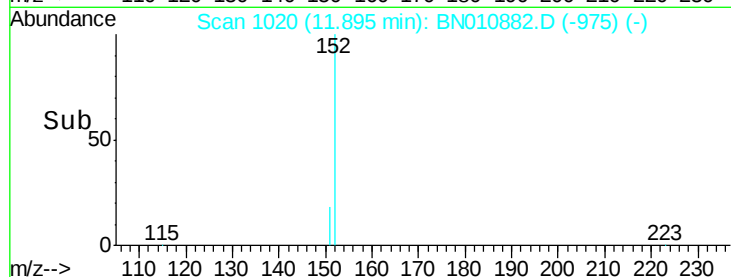
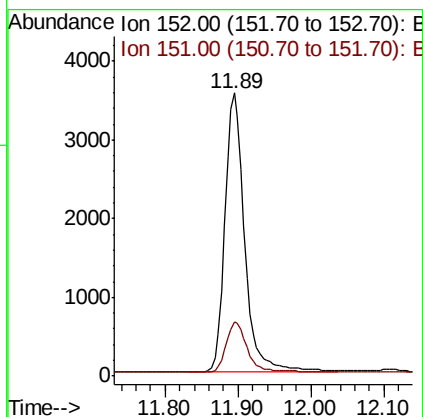
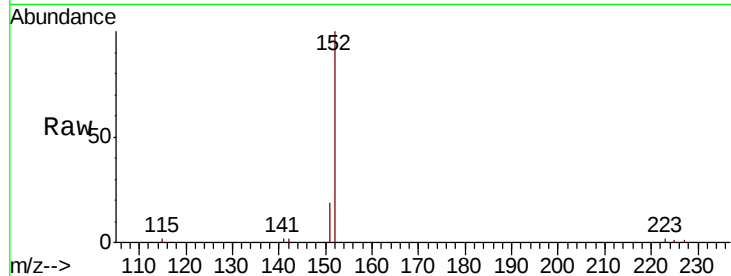




#11
 2-Methylnaphthalene-d10
 Concen: 0.424 ng
 RT: 11.89 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BN010882.D
 Acq: 15 Jun 2020 20:02

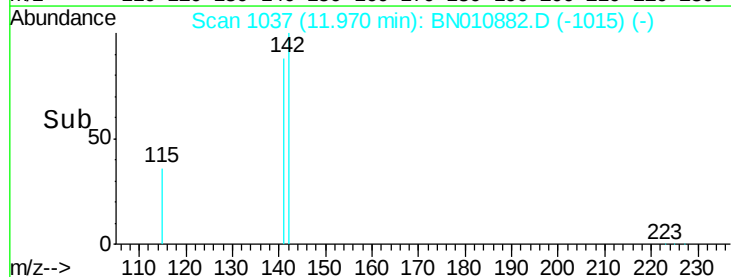
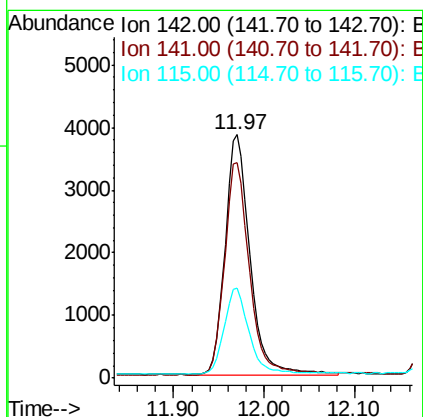
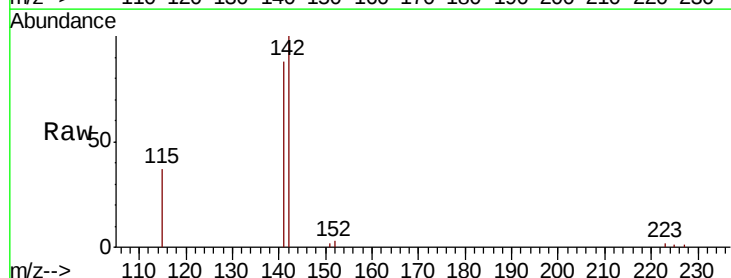
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

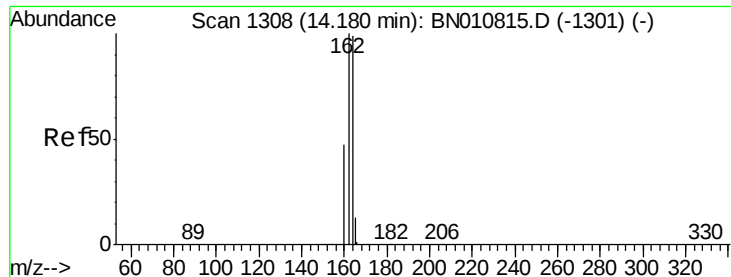
Tot Ion:152 Resp: 6760
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.422 ng
 RT: 11.97 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BN010882.D
 Acq: 15 Jun 2020 20:02

Tgt Ion:142 Resp: 7297
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.8 106.2
 115 37.0 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

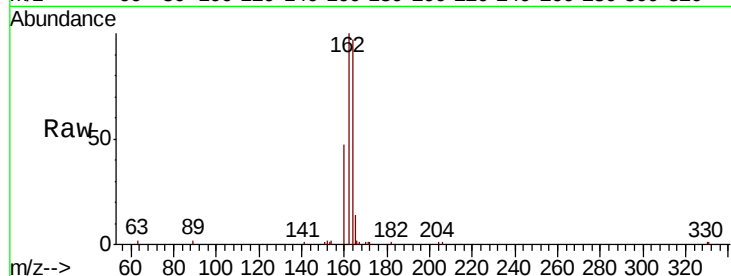
Tot Ion:164 Resp: 5580

Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.6

160 47.9 38.9 58.3

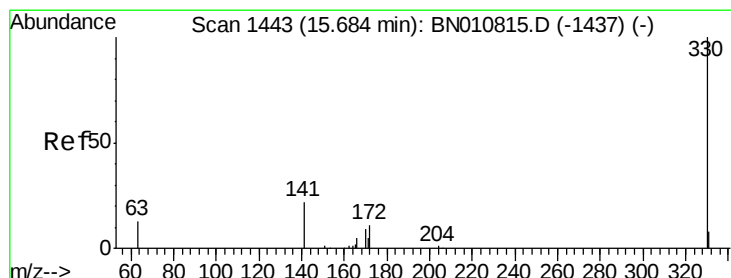
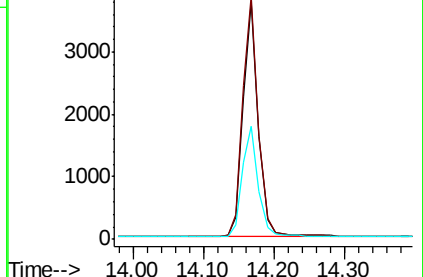
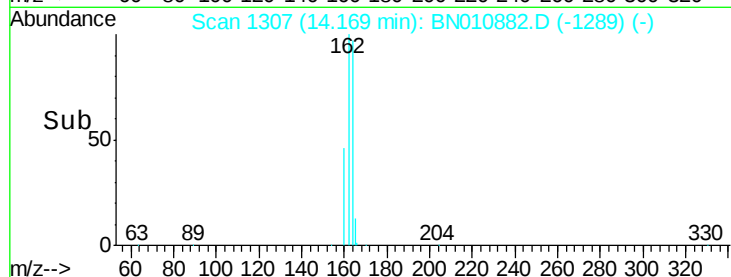


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.17



#14

2,4,6-Tribromophenol

Concen: 0.418 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

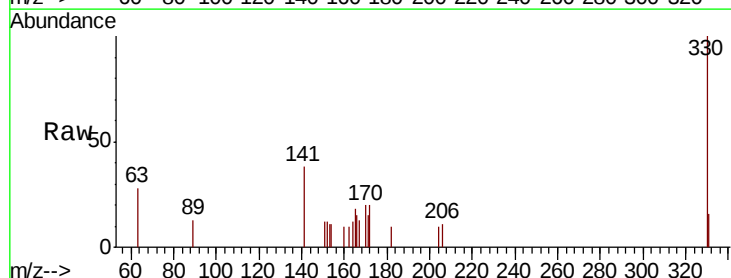
Tgt Ion:330 Resp: 835

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 39.5 33.2 49.8

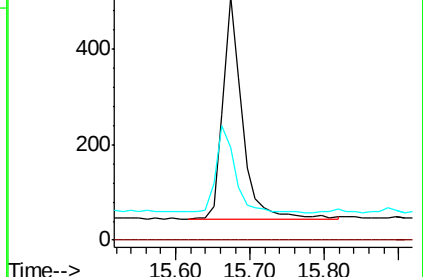
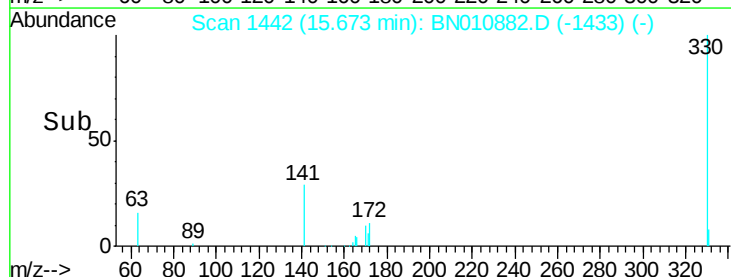


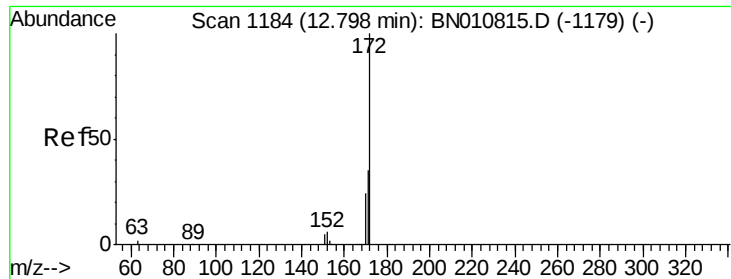
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.67

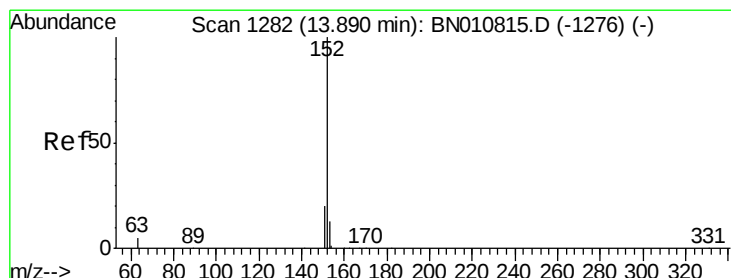
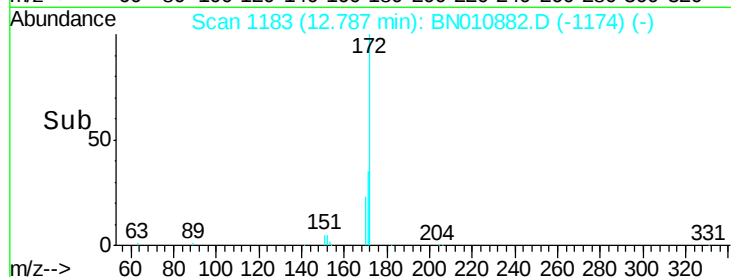
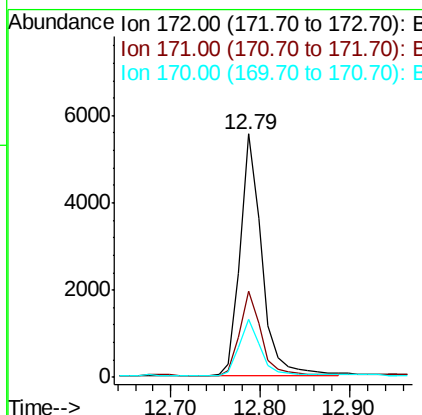
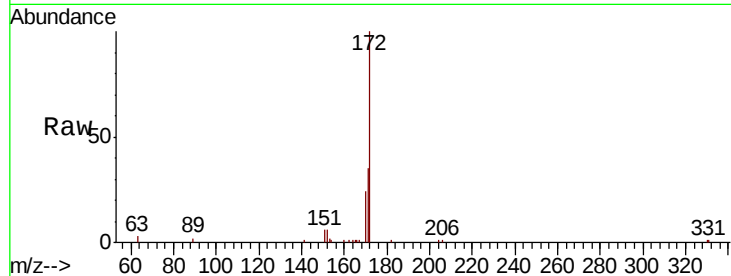




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

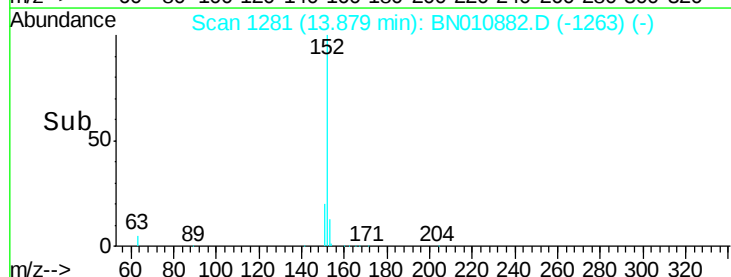
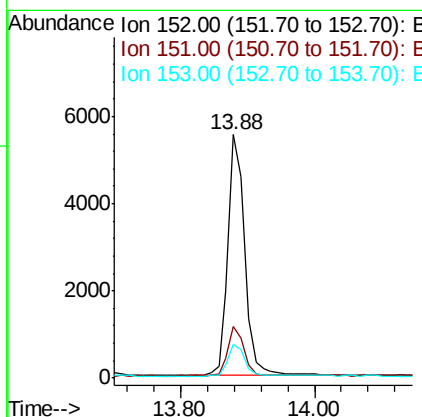
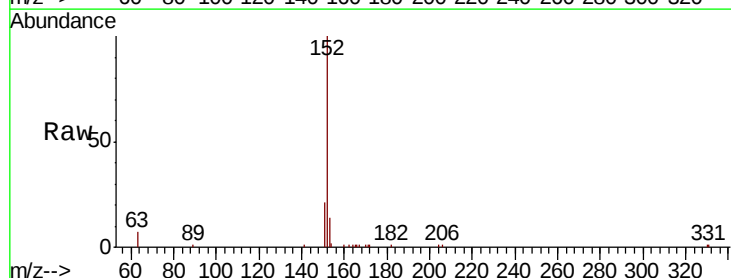
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

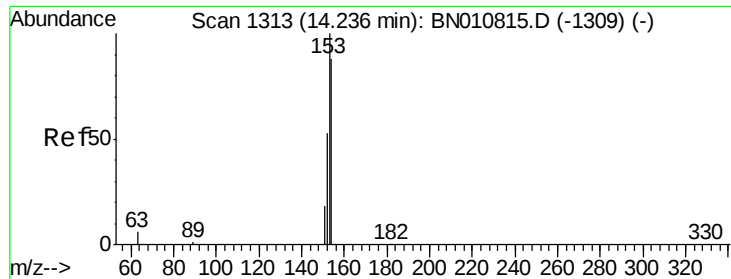
Tot Ion:172 Resp: 9303
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.6 19.7 29.5



#16
Acenaphthylene
Concen: 0.425 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

Tgt Ion:152 Resp: 9711
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.427 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

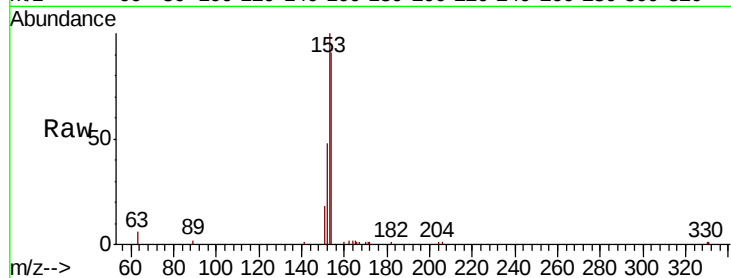
Tot Ion:154 Resp: 6652

Ion Ratio Lower Upper

154 100

153 114.6 91.8 137.6

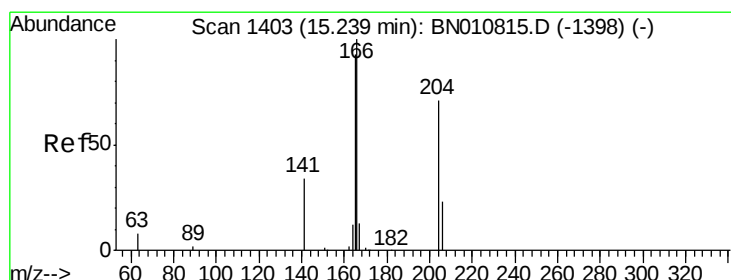
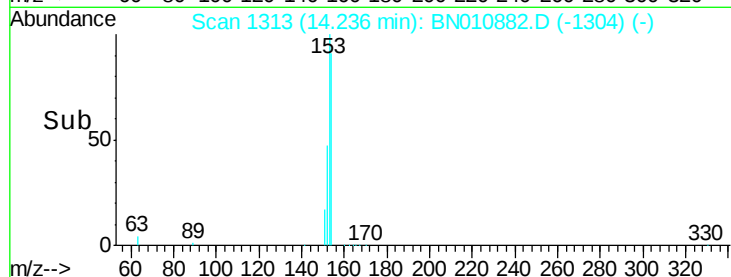
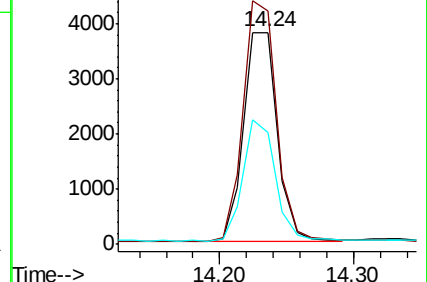
152 56.6 47.6 71.4



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: 0.419 ng

RT: 15.23 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

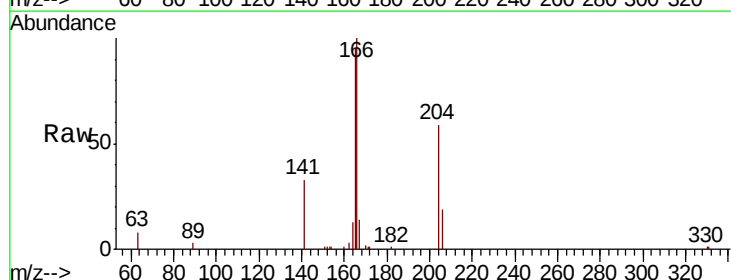
Tgt Ion:166 Resp: 8429

Ion Ratio Lower Upper

166 100

165 97.4 77.2 115.8

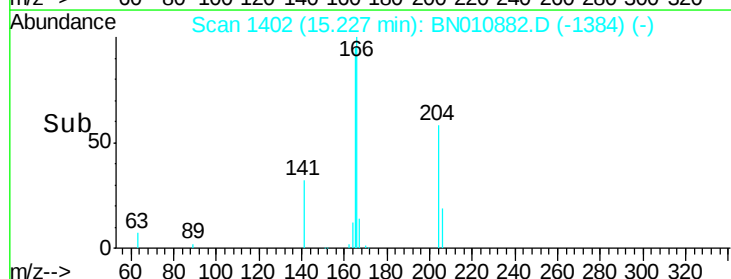
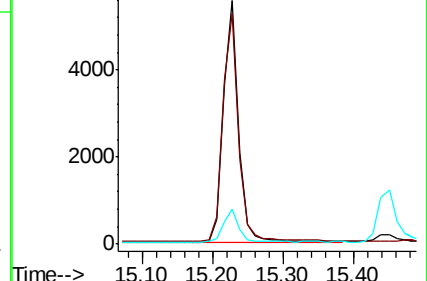
167 13.5 10.7 16.1

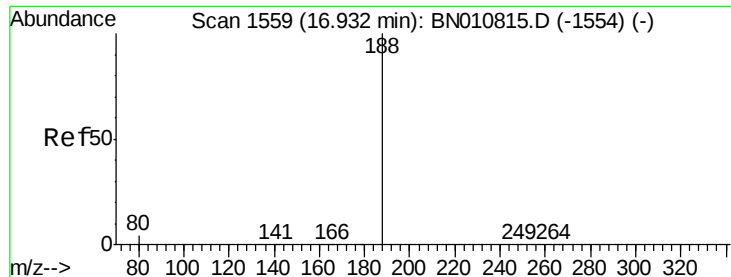


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

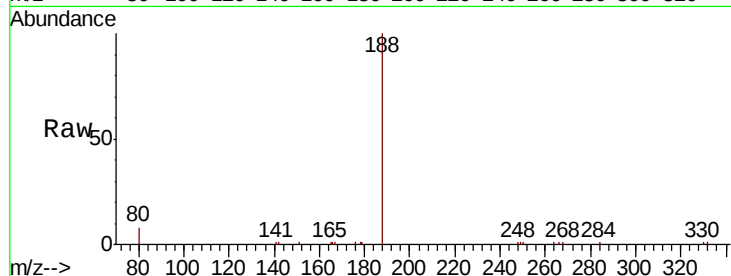
Tot Ion:188 Resp: 11493

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

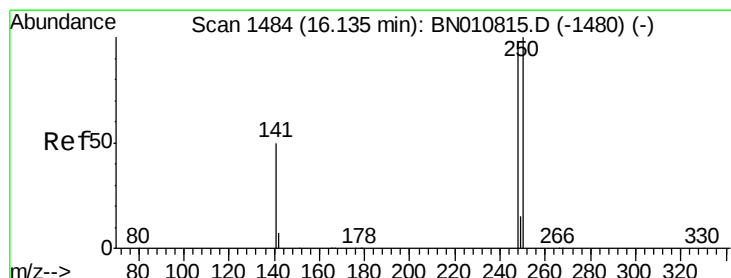
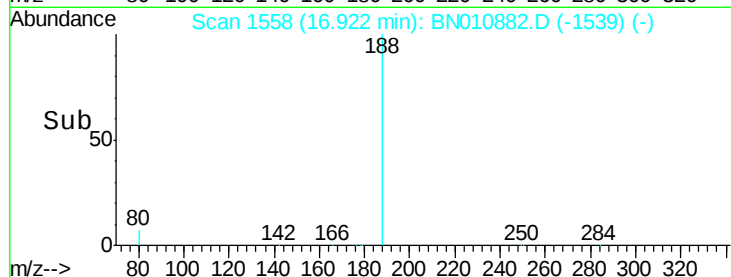
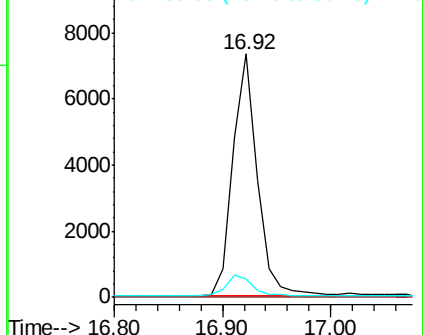
80 7.5 4.5 6.7#



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: 0.396 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

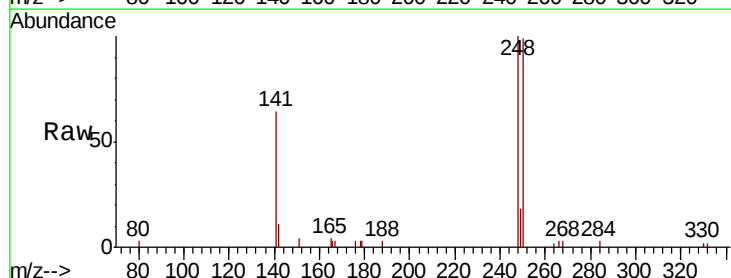
Tgt Ion:248 Resp: 2732

Ion Ratio Lower Upper

248 100

250 99.1 81.8 122.8

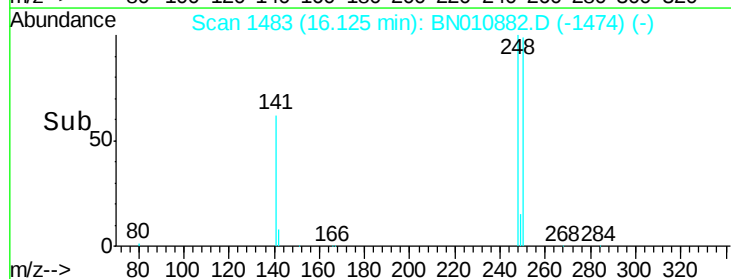
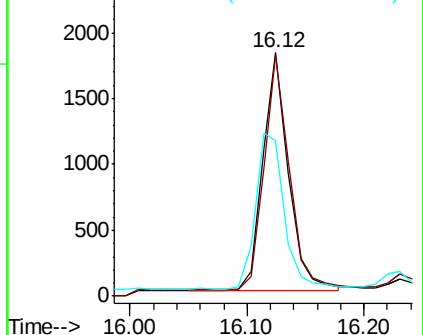
141 63.8 42.6 64.0

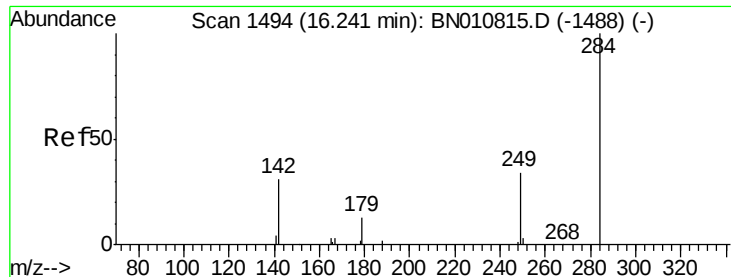


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.423 ng

RT: 16.23 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

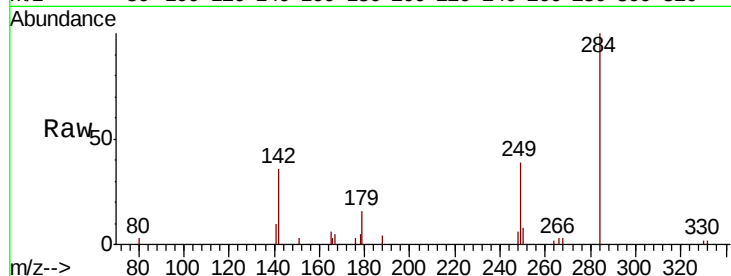
Tot Ion:284 Resp: 3047

Ion Ratio Lower Upper

284 100

142 35.0 31.0 46.4

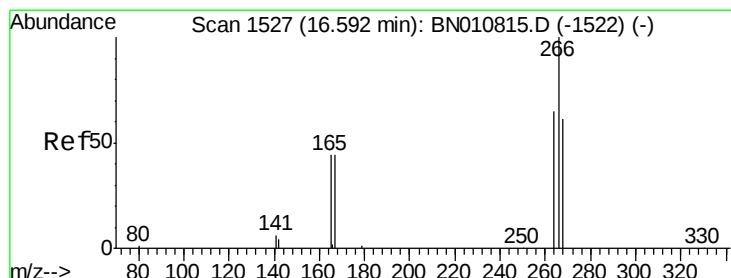
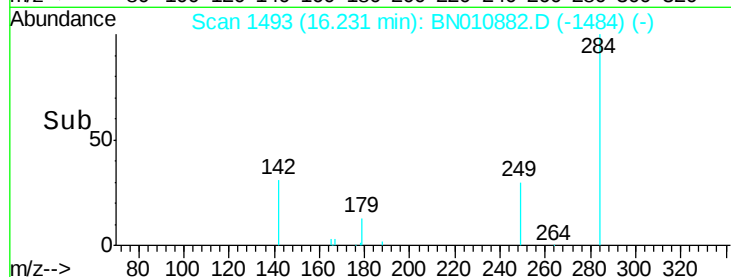
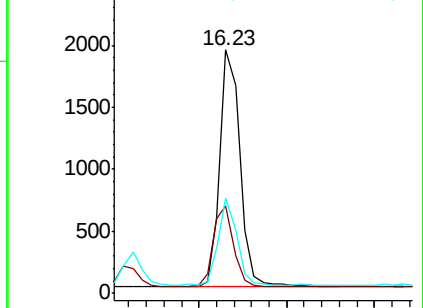
249 33.1 27.1 40.7



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: 0.394 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

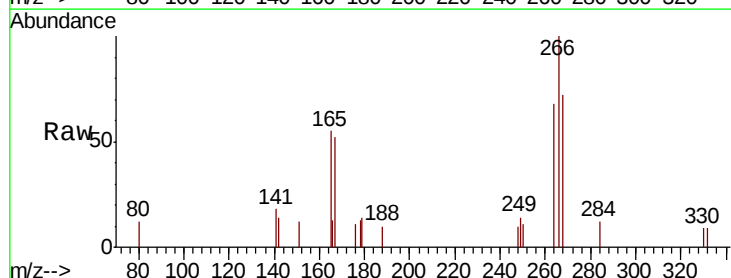
Tgt Ion:266 Resp: 952

Ion Ratio Lower Upper

266 100

264 68.0 54.8 82.2

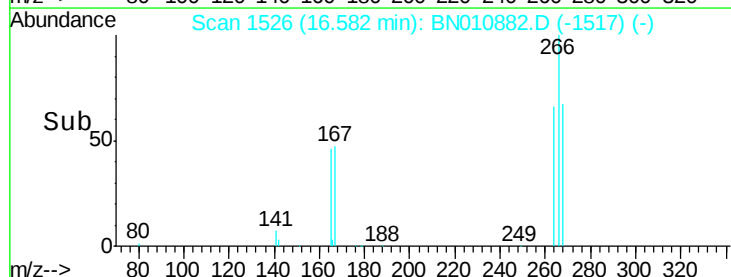
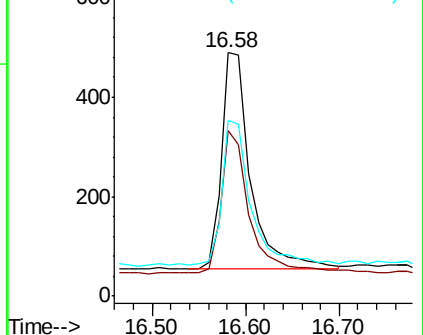
268 72.2 55.9 83.9

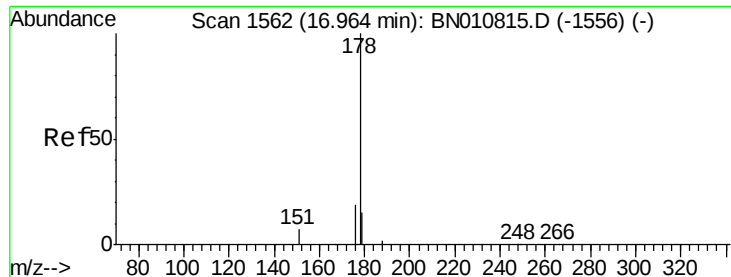


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.423 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

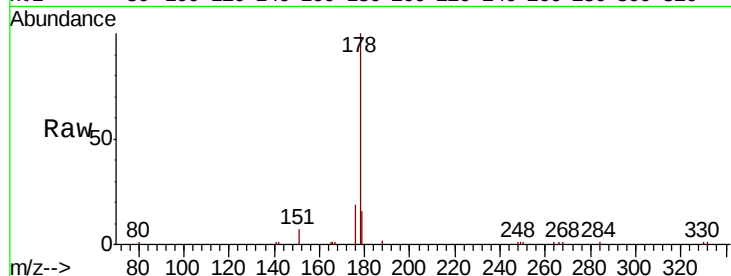
Tot Ion:178 Resp: 13273

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

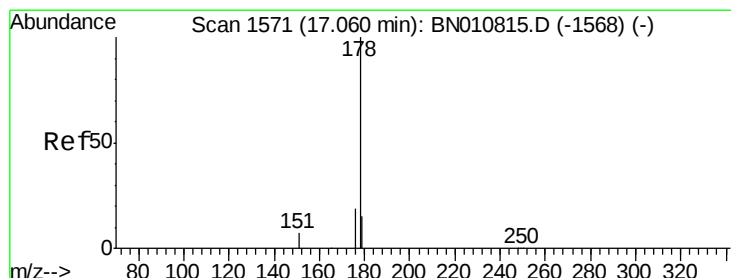
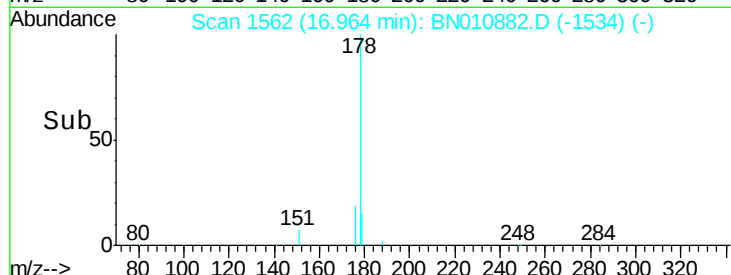
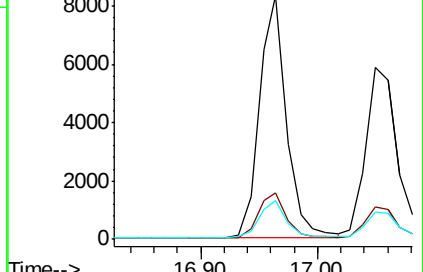
179 15.3 12.6 19.0



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: 0.424 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

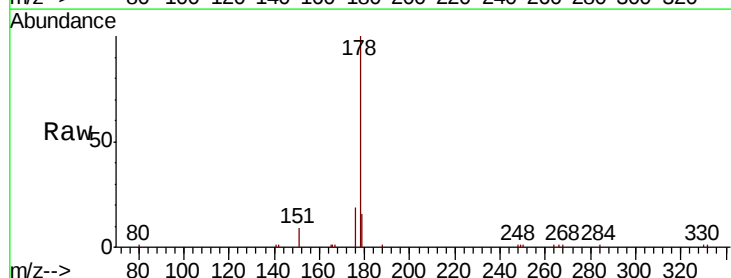
Tgt Ion:178 Resp: 11107

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

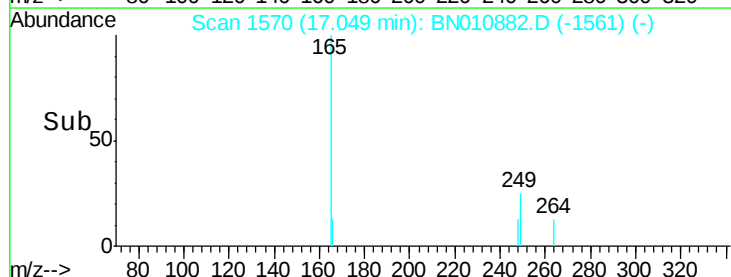
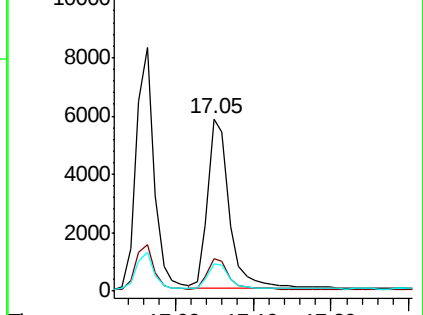
179 15.3 12.3 18.5

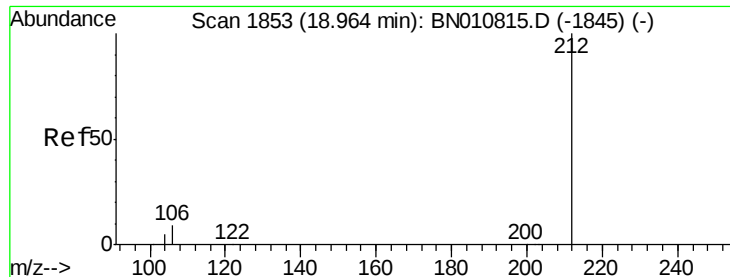


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.430 ng

RT: 18.96 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

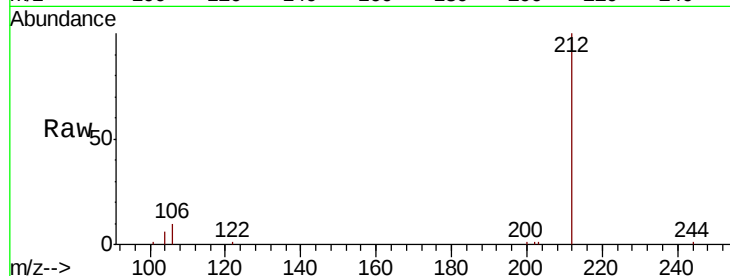
Tot Ion:212 Resp: 13642

Ion Ratio Lower Upper

212 100

106 10.2 6.6 10.0#

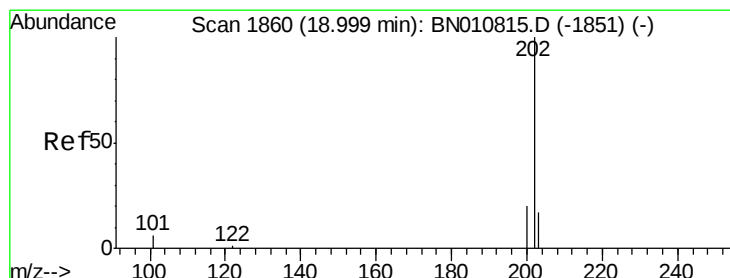
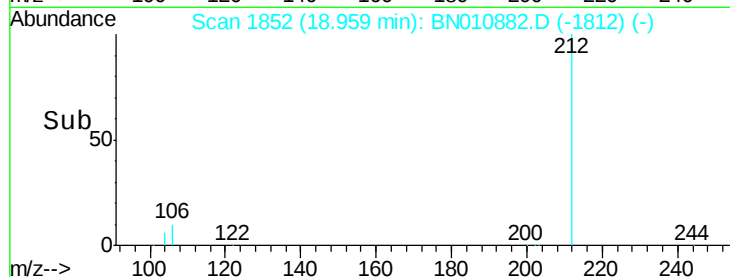
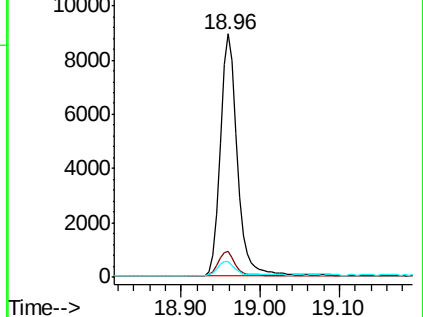
104 5.7 4.0 6.0



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: 0.429 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

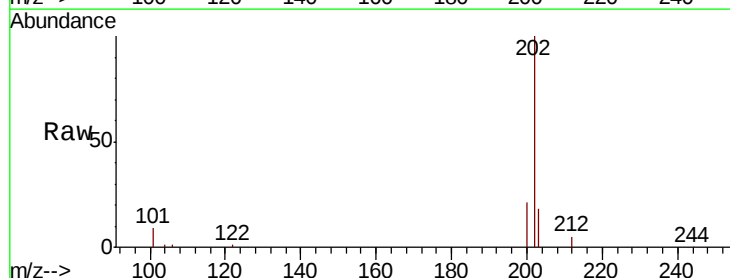
Tgt Ion:202 Resp: 15281

Ion Ratio Lower Upper

202 100

101 8.3 5.8 8.6

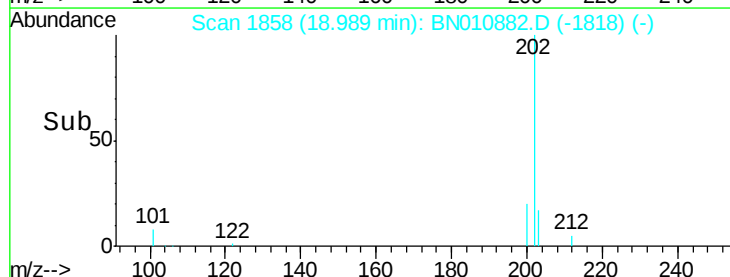
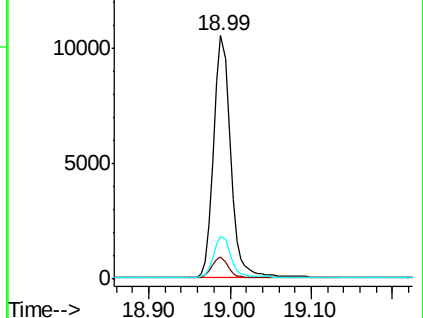
203 17.1 13.7 20.5

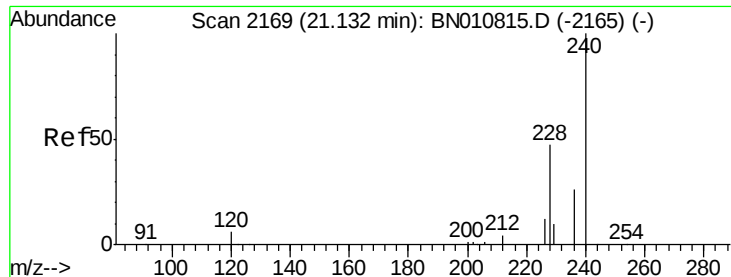


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

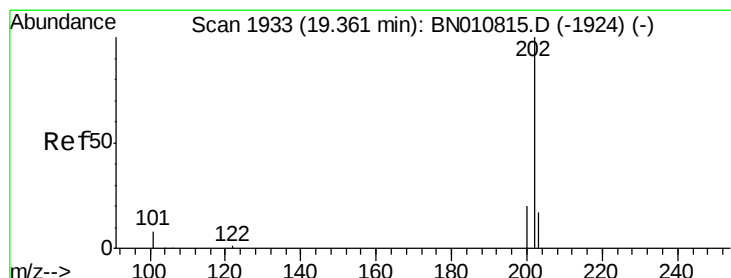
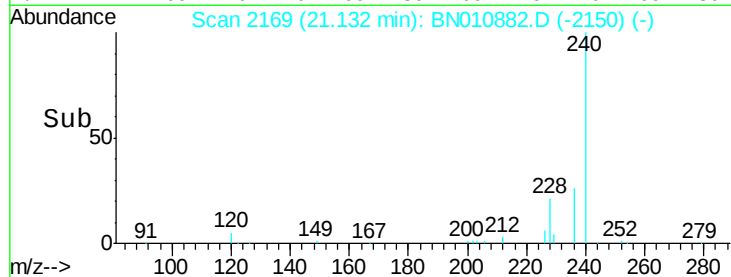
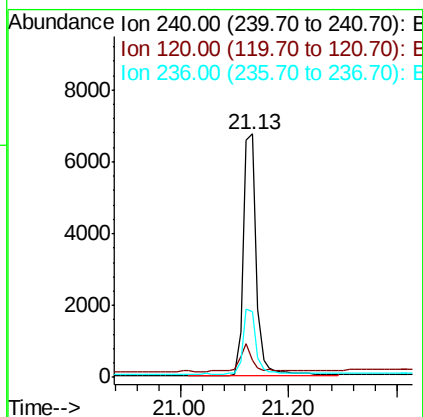
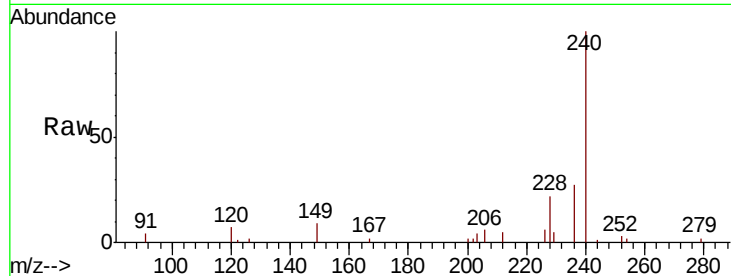




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

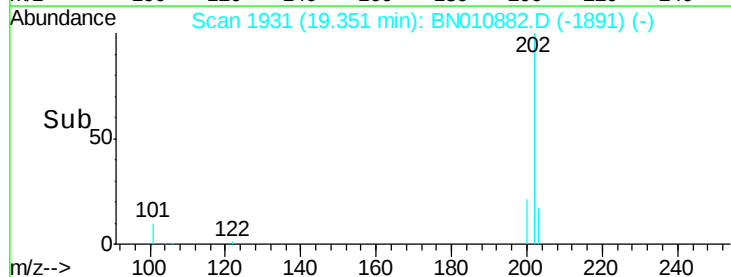
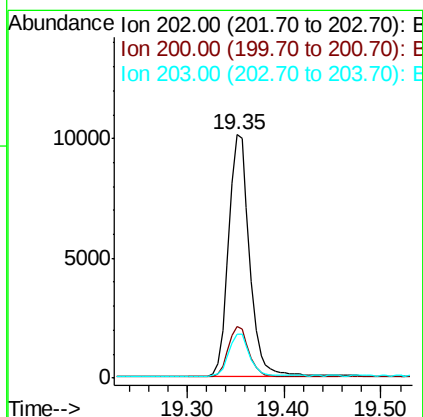
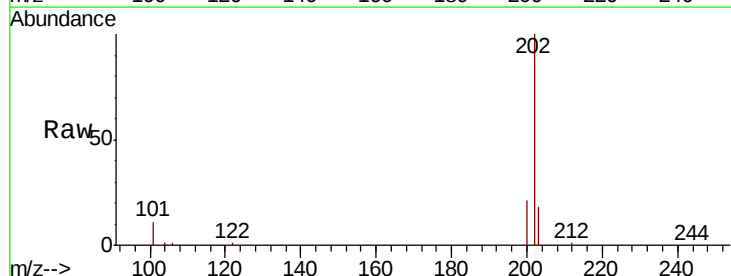
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

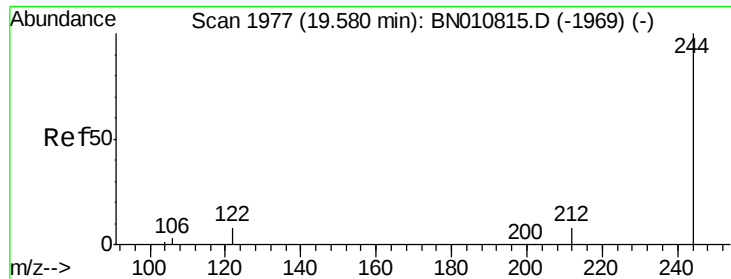
Tot Ion:240 Resp: 11249
Ion Ratio Lower Upper
240 100
120 6.9 7.5 11.3#
236 26.8 22.3 33.5



#28
Pyrene
Concen: 0.412 ng
RT: 19.35 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN010882.D
Acq: 15 Jun 2020 20:02

Tgt Ion:202 Resp: 15322
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 17.6 14.2 21.4





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.57 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

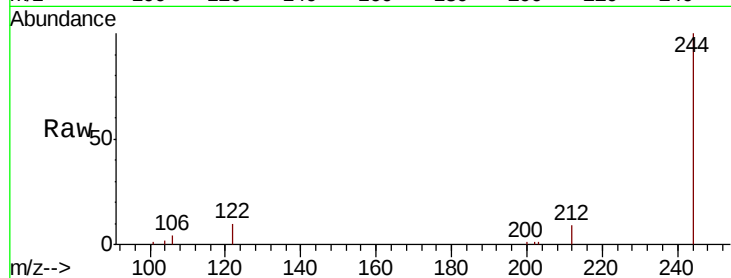
Tot Ion:244 Resp: 10670

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

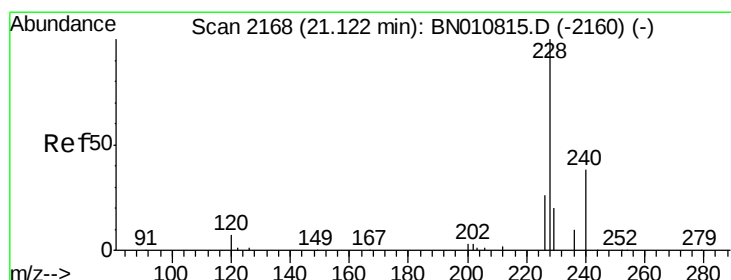
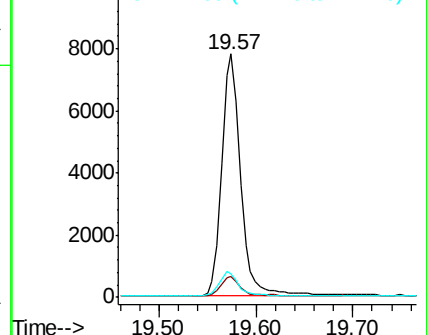
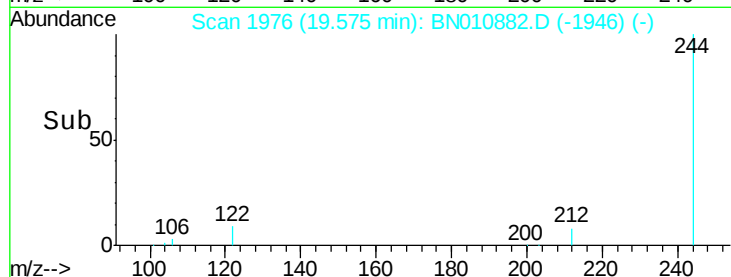
122 9.8 7.5 11.3



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: 0.437 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

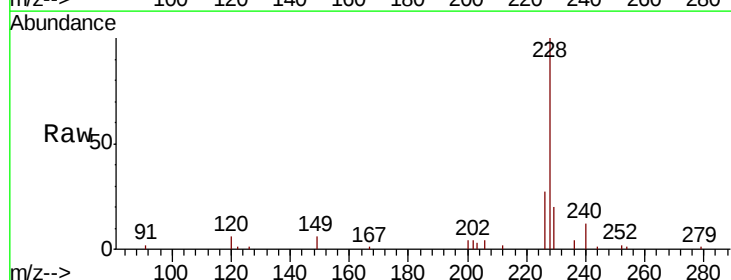
Tgt Ion:228 Resp: 14439

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

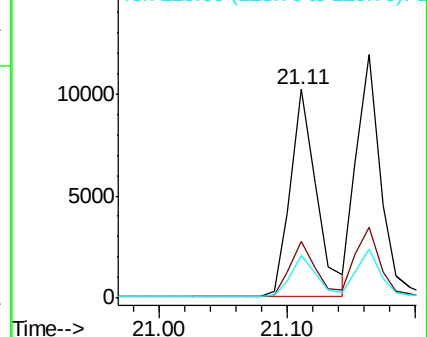
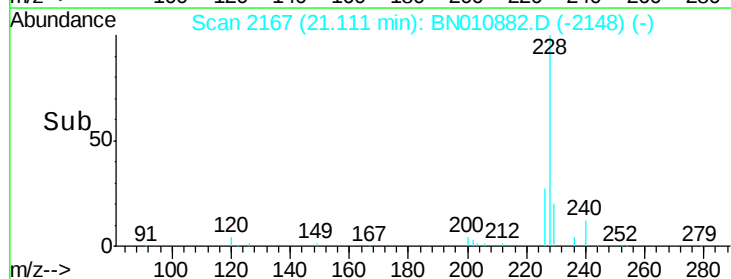
229 20.5 16.6 24.8

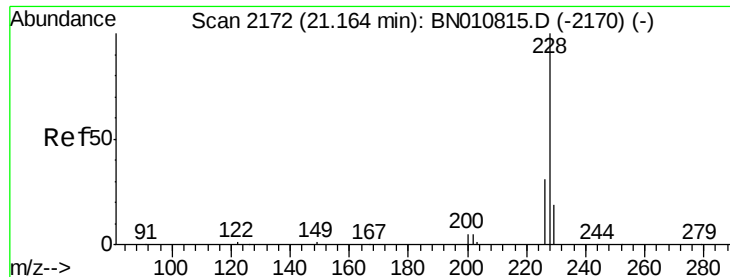


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.405 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

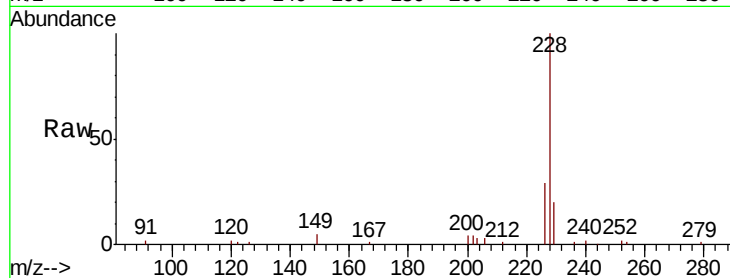
Tot Ion:228 Resp: 15593

Ion Ratio Lower Upper

228 100

226 29.3 25.0 37.6

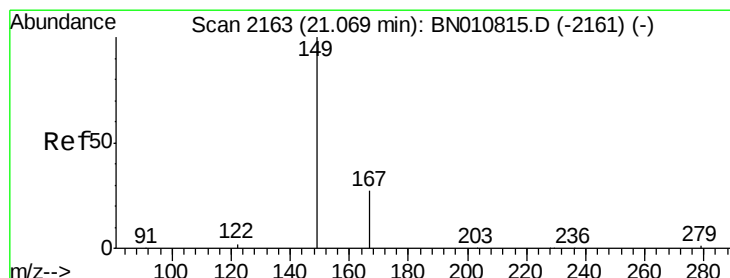
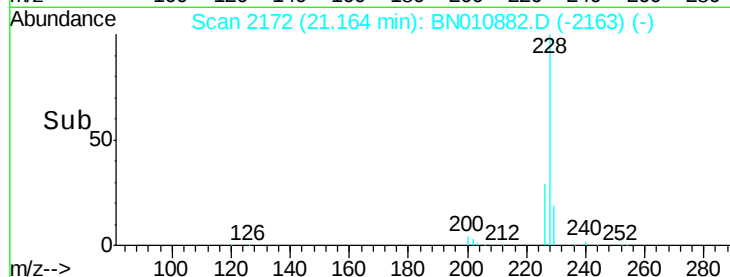
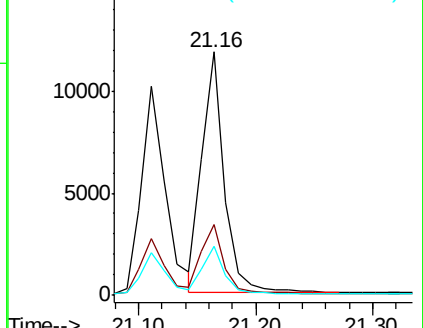
229 19.9 16.1 24.1



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: 0.495 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

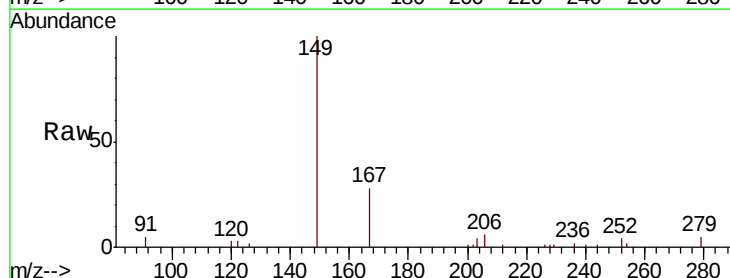
Tgt Ion:149 Resp: 5460

Ion Ratio Lower Upper

149 100

167 27.8 24.1 36.1

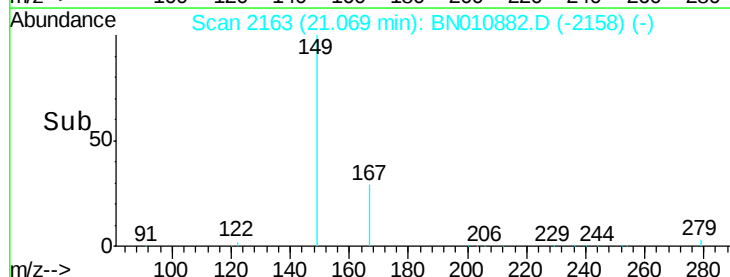
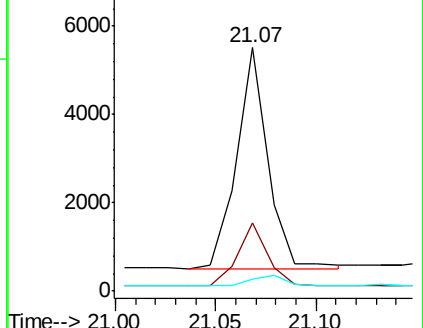
279 4.9 4.6 7.0

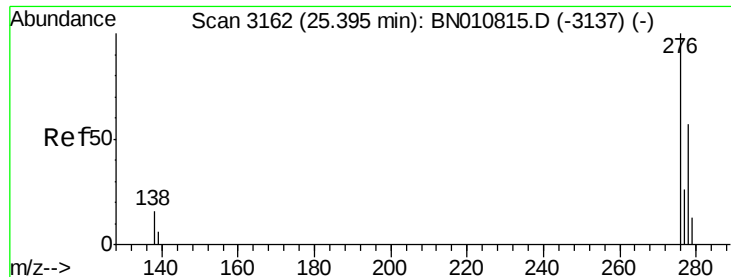


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

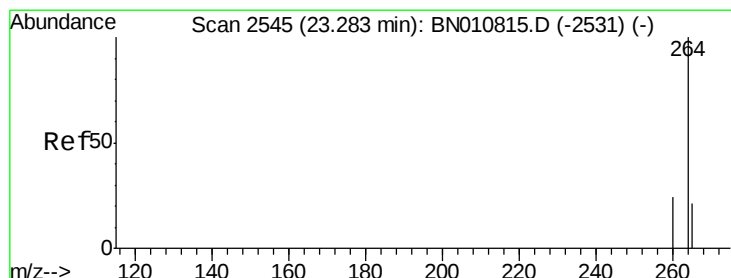
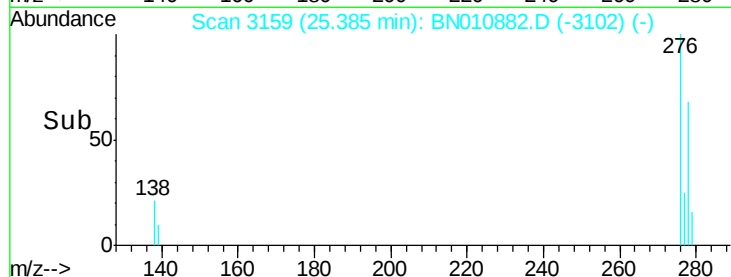
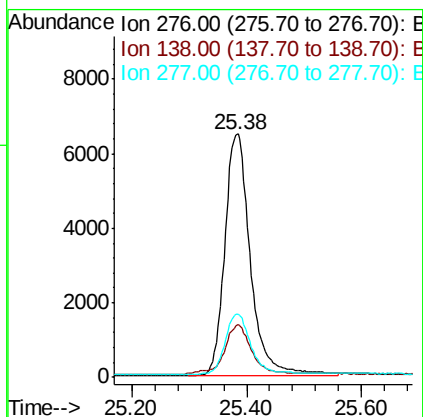
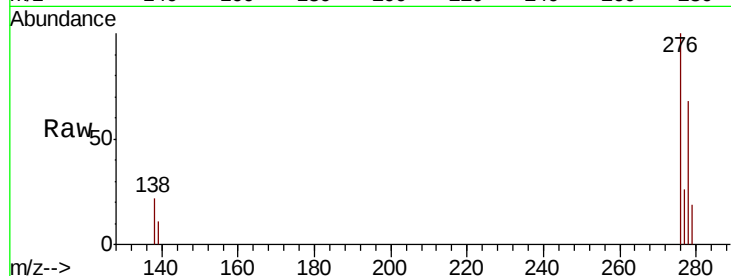




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.464 ng
 RT: 25.38 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BN010882.D
 Acq: 15 Jun 2020 20:02

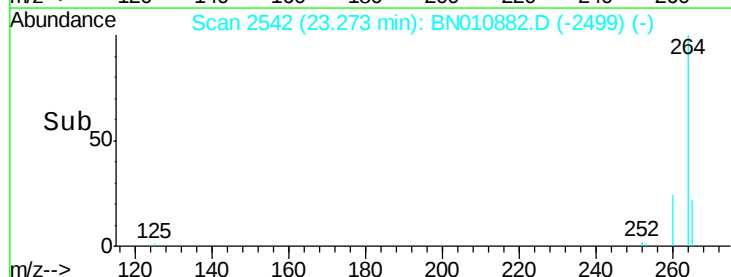
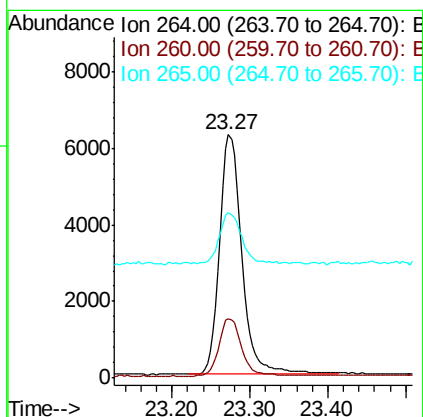
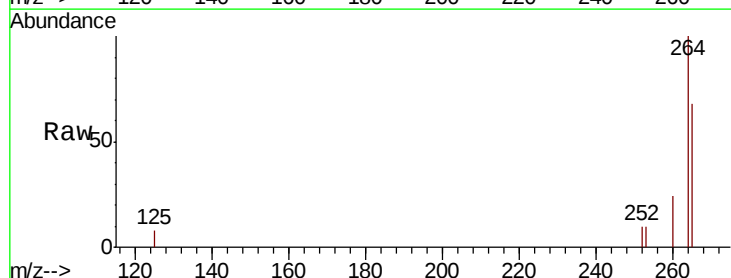
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

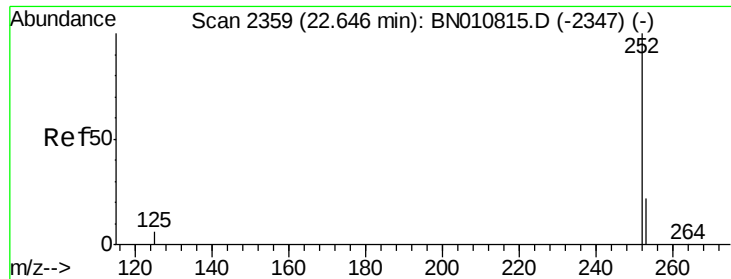
Tot Ion:276 Resp: 19961
 Ion Ratio Lower Upper
 276 100
 138 21.5 13.0 19.6#
 277 24.7 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.27 min Scan# 2542
 Delta R.T. -0.00 min
 Lab File: BN010882.D
 Acq: 15 Jun 2020 20:02

Tgt Ion:264 Resp: 12416
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.4 30.6
 265 68.1 75.0 112.4#





#35

Benzo(b)fluoranthene

Concen: 0.375 ng

RT: 22.64 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

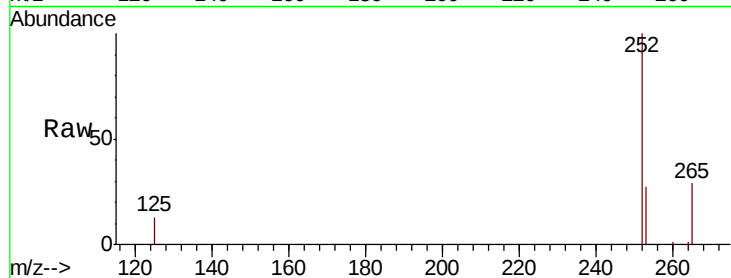
Tot Ion:252 Resp: 15839

Ion Ratio Lower Upper

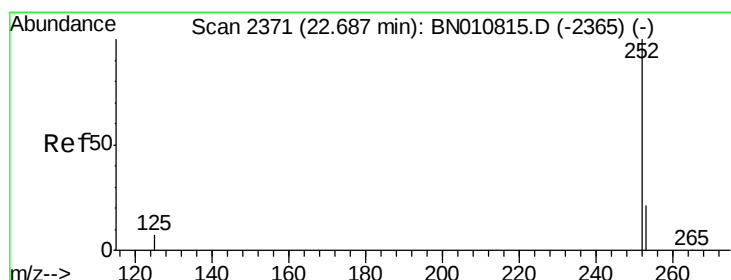
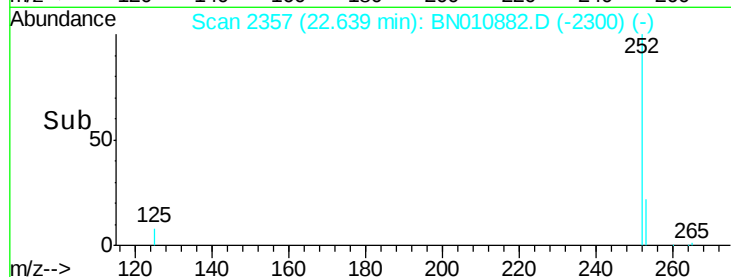
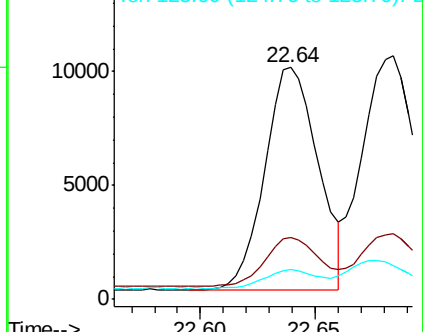
252 100

253 26.6 22.4 33.6

125 12.8 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.404 ng

RT: 22.68 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

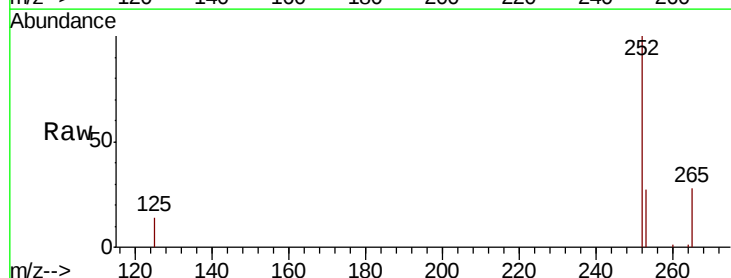
Tgt Ion:252 Resp: 18149

Ion Ratio Lower Upper

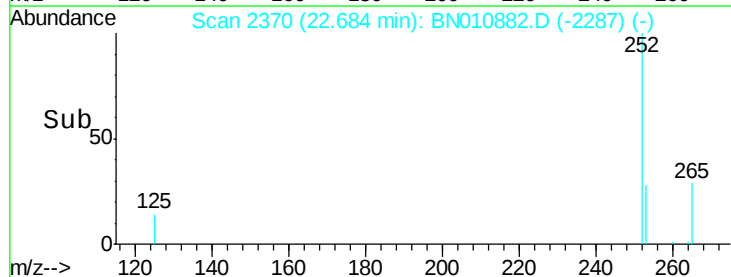
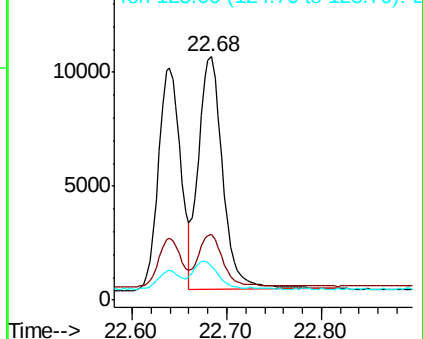
252 100

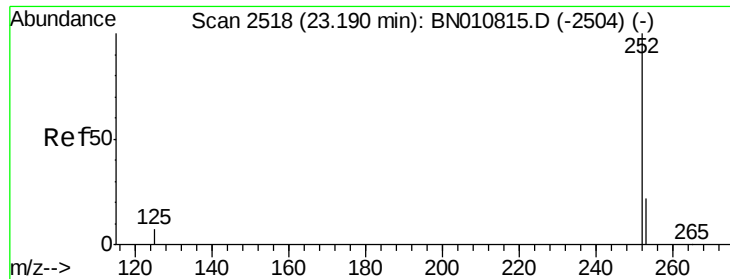
253 26.8 22.2 33.4

125 13.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.18 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

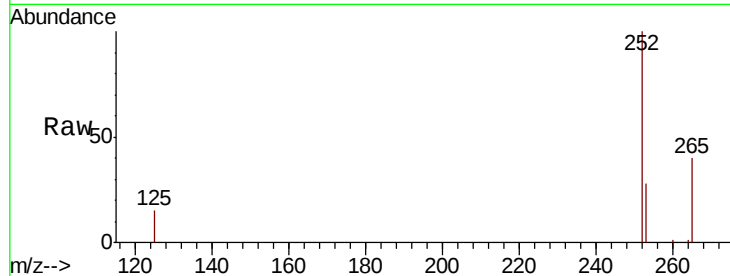
Tot Ion:252 Resp: 14766

Ion Ratio Lower Upper

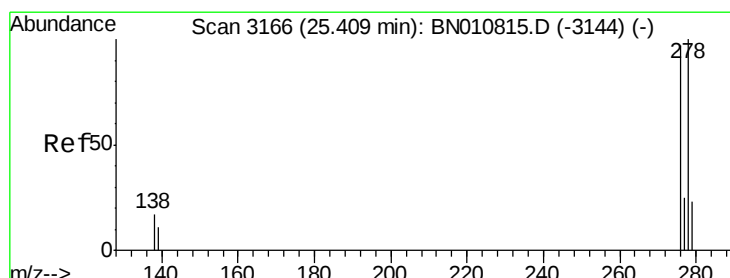
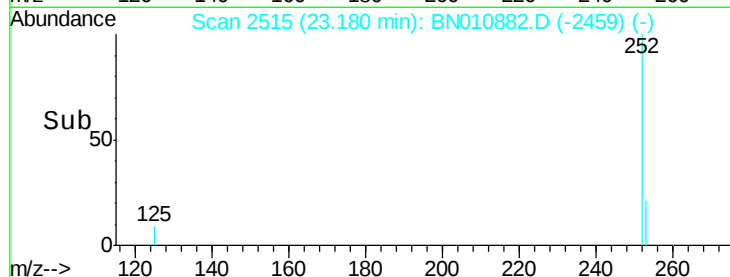
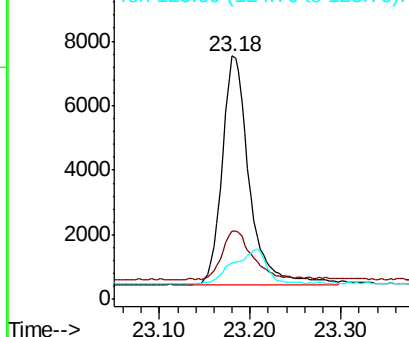
252 100

253 28.0 25.8 38.8

125 14.7 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: 25.39 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BN010882.D

Acq: 15 Jun 2020 20:02

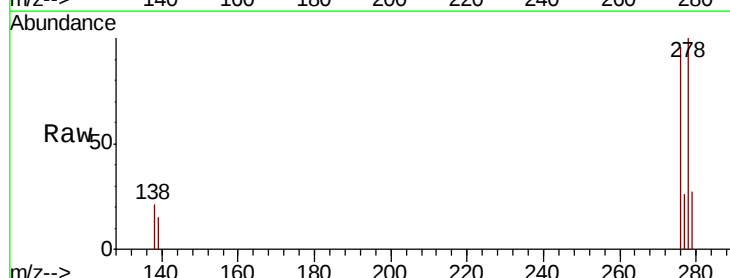
Tgt Ion:278 Resp: 16028

Ion Ratio Lower Upper

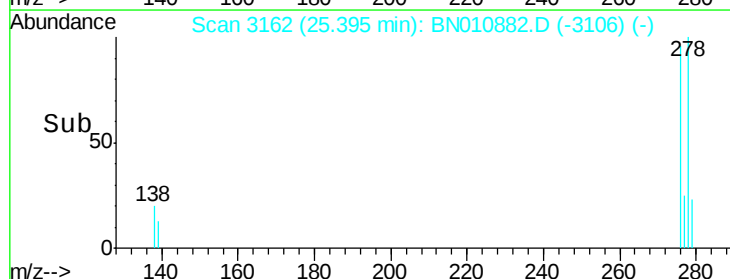
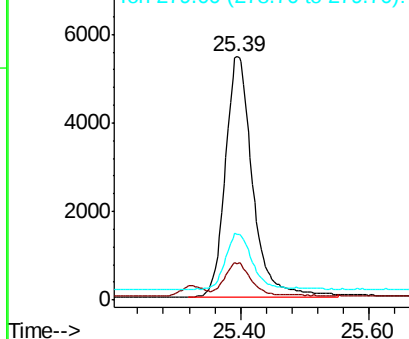
278 100

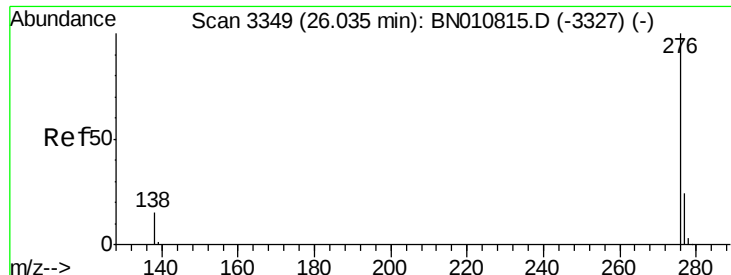
139 14.8 10.6 15.8

279 27.2 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: 0.377 ng

RT: 26.02 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BN010882.D

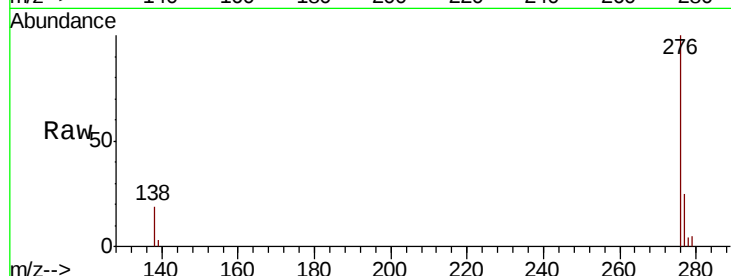
Acq: 15 Jun 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



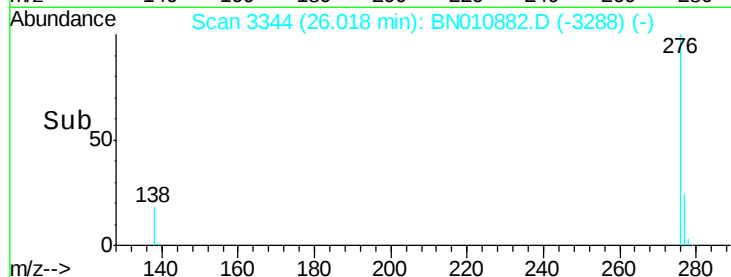
Tot Ion: 276 Resp: 16289

Ion Ratio Lower Upper

276 100

277 25.1 20.5 30.7

138 19.4 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

