

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010865.D
 Acq On : 13 Jun 2020 05:07
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 23 20:01:57 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	7.55	152	2942	0.40	ng	0.02
7) Naphthalene-d8	10.30	136	10558	0.40	ng	0.03
13) Acenaphthene-d10	14.17	164	5796	0.40	ng	0.02
19) Phenanthrene-d10	16.92	188	11698	0.40	ng	0.01
27) Chrysene-d12	21.12	240	11396	0.40	ng	0.00
34) Perylene-d12	23.28	264	11978	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2862	0.50	ng	0.02
5) Phenol-d6	6.74	99	3429	0.51	ng	0.02
8) Nitrobenzene-d5	8.68	82	3192	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	11.90	152	7030	0.43	ng	0.02
14) 2,4,6-Tribromophenol	15.67	330	842	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.79	172	9512	0.42	ng	0.01
25) Fluoranthene-d10	18.96	212	13950	0.43	ng	0.01
29) Terphenyl-d14	19.57	244	10827	0.41	ng	0.00

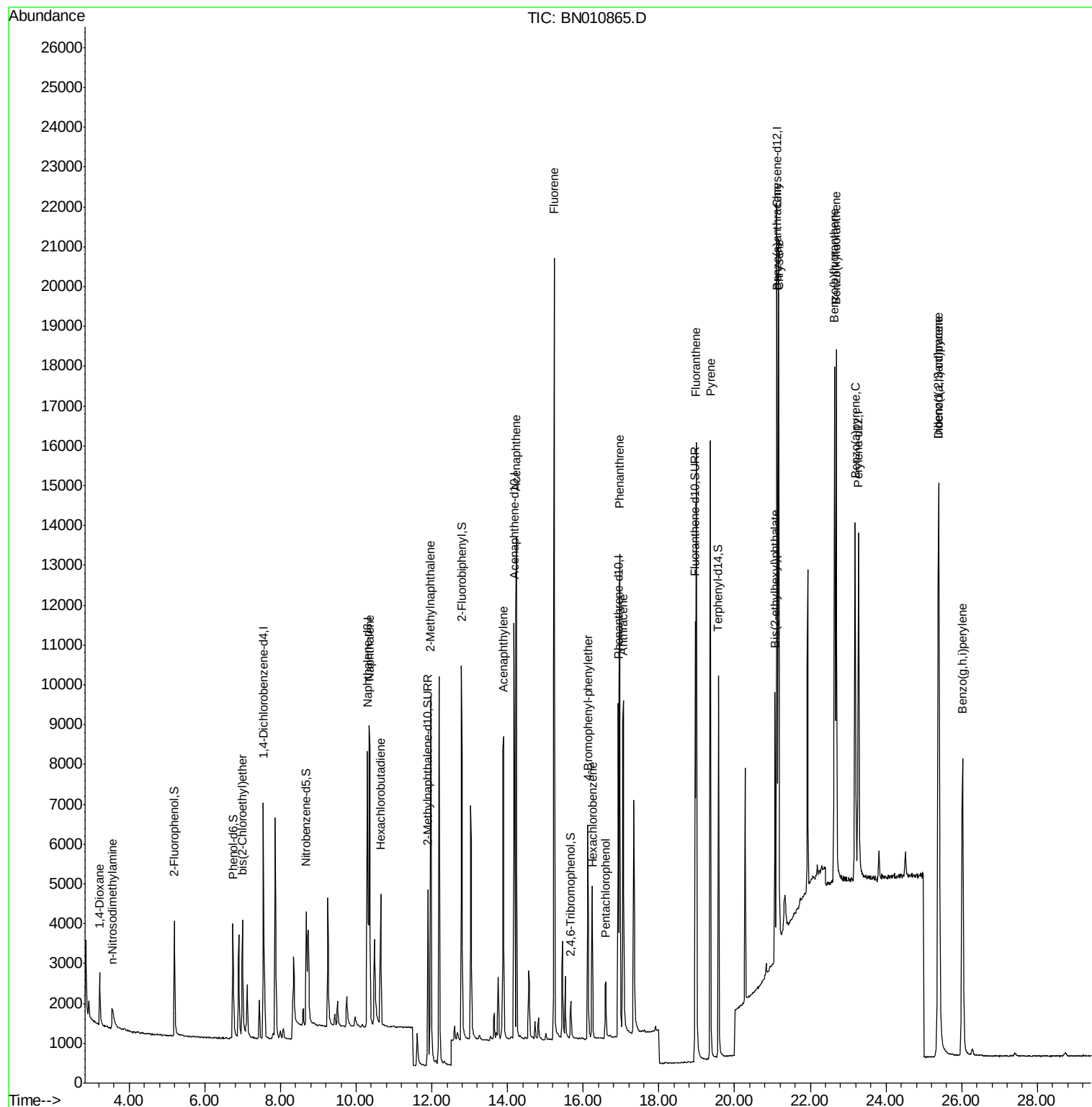
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1264	0.439	ng	99
3) n-Nitrosodimethylamine	3.55	42	588	0.351	ng	# 83
6) bis(2-Chloroethyl)ether	6.99	93	3156	0.484	ng	94
9) Naphthalene	10.34	128	11312	0.426	ng	99
10) Hexachlorobutadiene	10.65	225	2607	0.398	ng	# 99
12) 2-Methylnaphthalene	11.97	142	7552	0.425	ng	98
16) Acenaphthylene	13.89	152	10014	0.422	ng	99
17) Acenaphthene	14.24	154	6946	0.429	ng	98
18) Fluorene	15.23	166	8701	0.417	ng	99
20) 4-Bromophenyl-phenylether	16.12	248	2781	0.396	ng	# 89
21) Hexachlorobenzene	16.24	284	3092	0.422	ng	96
22) Pentachlorophenol	16.59	266	939	0.381	ng	96
23) Phenanthrene	16.96	178	13519	0.423	ng	99
24) Anthracene	17.06	178	11334	0.425	ng	100
26) Fluoranthene	18.99	202	15355	0.423	ng	# 98
28) Pyrene	19.36	202	15487	0.411	ng	99
30) Benzo(a)anthracene	21.11	228	14153	0.423	ng	99
31) Chrysene	21.16	228	16560	0.424	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	5523	0.495	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.38	276	18845	0.432	ng	# 95
35) Benzo(b)fluoranthene	22.64	252	15892	0.390	ng	98
36) Benzo(k)fluoranthene	22.68	252	16923	0.390	ng	97
37) Benzo(a)pyrene	23.18	252	14367	0.411	ng	96
38) Dibenzo(a,h)anthracene	25.39	278	15327	0.385	ng	96
39) Benzo(g,h,i)perylene	26.02	276	15717	0.377	ng	97

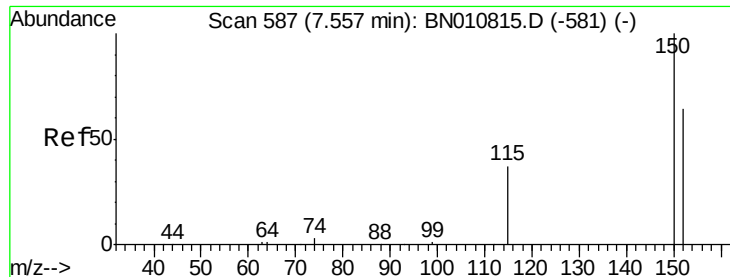
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.55 min Scan# 586

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

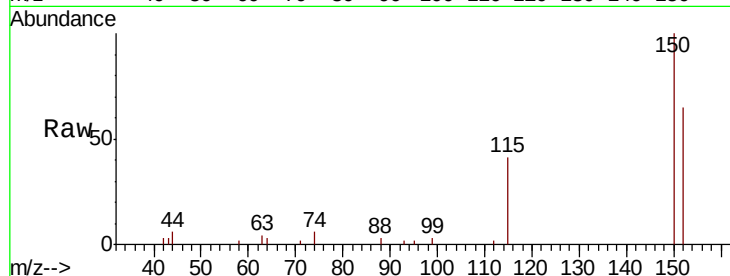
Tot Ion:152 Resp: 2942

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

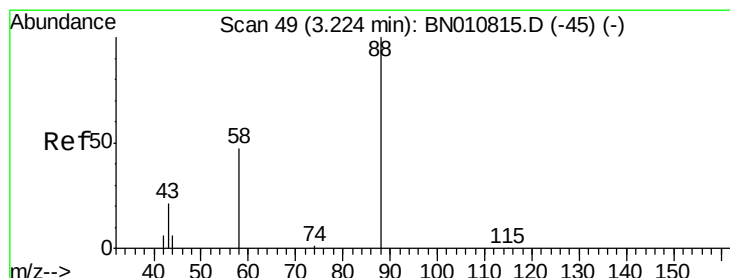
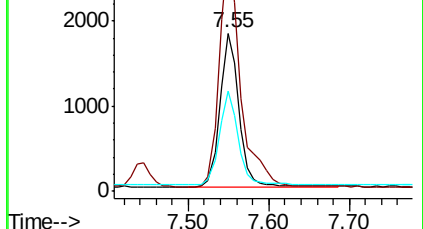
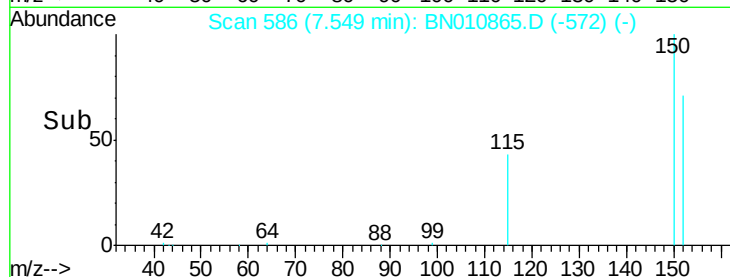
115 63.7 49.2 73.8



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: 0.439 ng

RT: 3.22 min Scan# 49

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

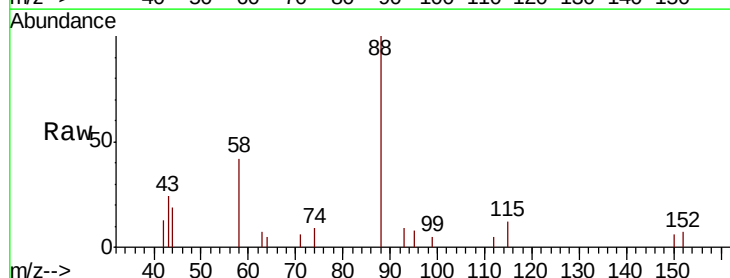
Tgt Ion: 88 Resp: 1264

Ion Ratio Lower Upper

88 100

58 48.2 38.2 57.4

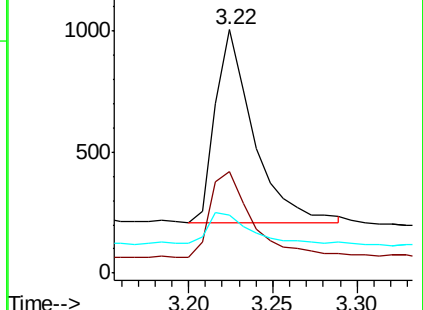
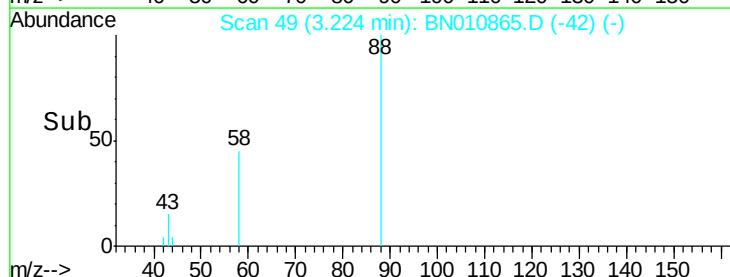
43 17.2 15.1 22.7

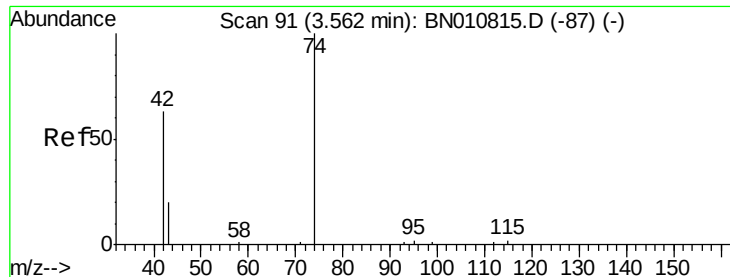


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.351 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.00 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

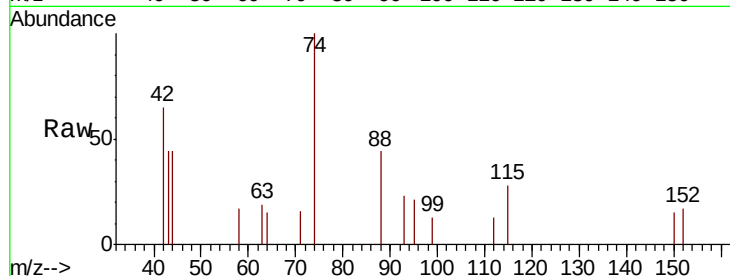
Tot Ion: 42 Resp: 588

Ion Ratio Lower Upper

42 100

74 199.7 140.7 211.1

44 8.3 1.4 2.2#

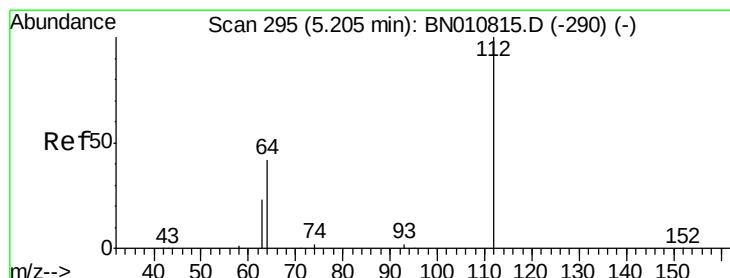
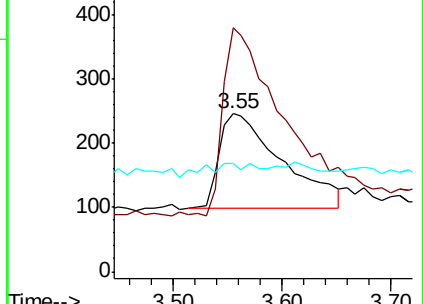
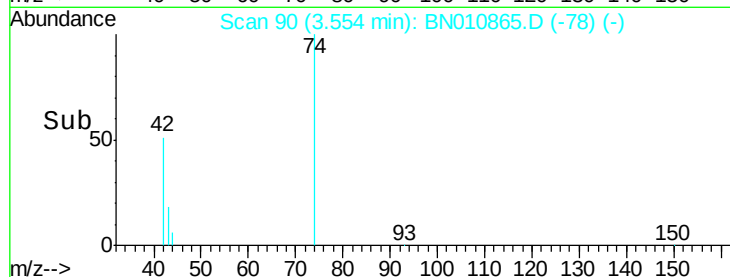


Abundance Ion 42.00 (41.70 to 42.70): BN010815.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN010815.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN010815.D (-87) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.504 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

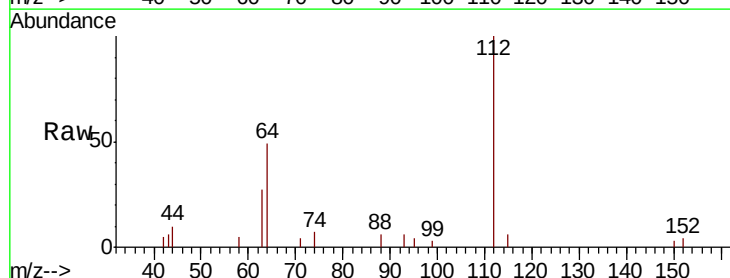
Tgt Ion: 112 Resp: 2862

Ion Ratio Lower Upper

112 100

64 45.9 37.4 56.0

63 24.7 22.2 33.4

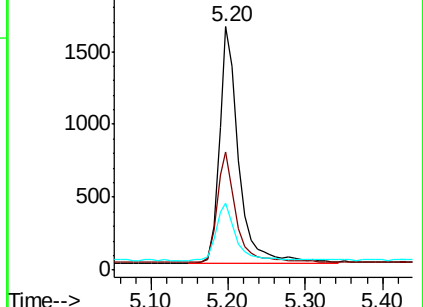
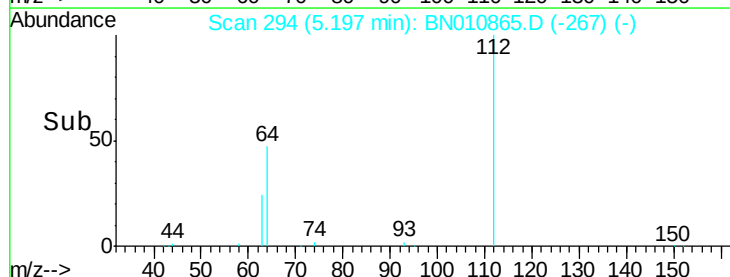


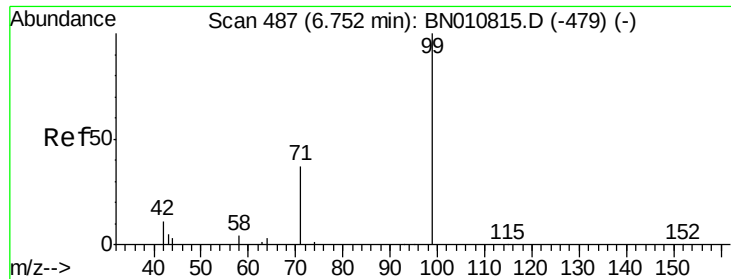
Abundance Ion 112.00 (111.70 to 112.70): BN010815.D (-290) (-)

Ion 64.00 (63.70 to 64.70): BN010815.D (-290) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-290) (-)

Time-->





#5

Phenol-d6

Concen: 0.513 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

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SSTDCCC0.4EC

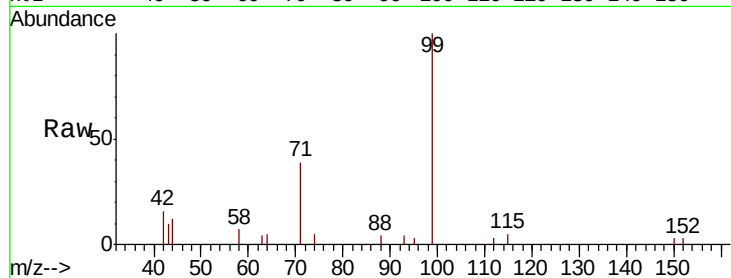
Tot Ion: 99 Resp: 3429

Ion Ratio Lower Upper

99 100

42 12.4 11.1 16.7

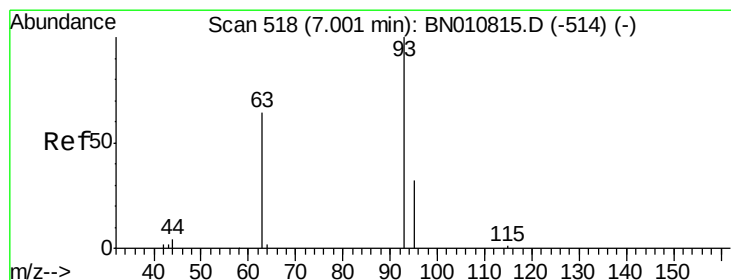
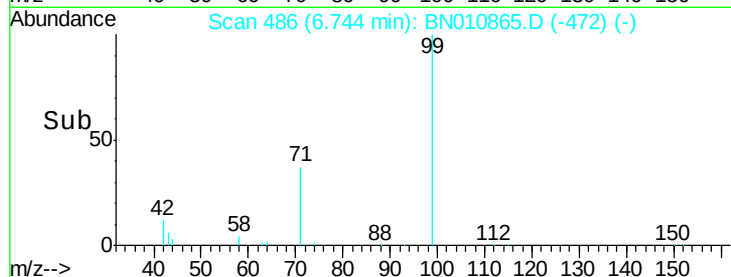
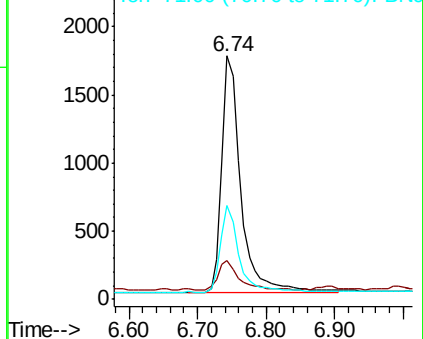
71 34.9 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010865.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010865.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010865.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.484 ng

RT: 6.99 min Scan# 517

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

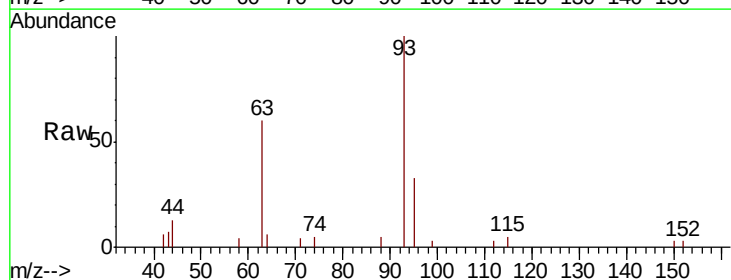
Tgt Ion: 93 Resp: 3156

Ion Ratio Lower Upper

93 100

63 55.0 49.4 74.2

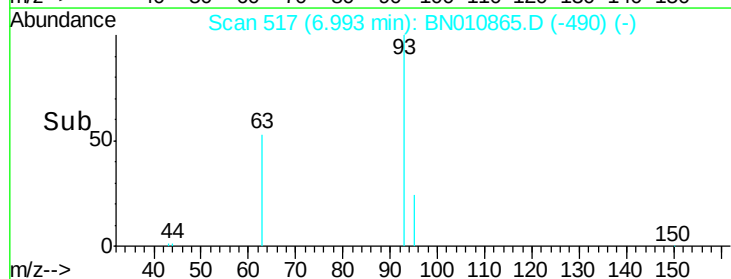
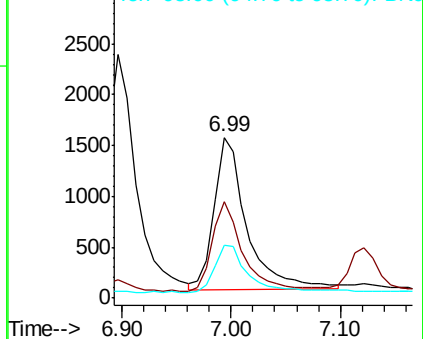
95 32.9 26.7 40.1

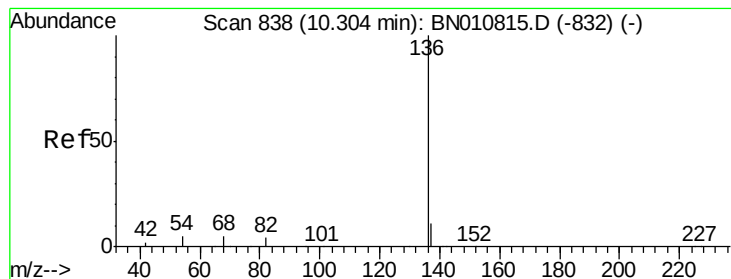


Abundance Ion 93.00 (92.70 to 93.70): BN010865.D (-490) (-)

Ion 63.00 (62.70 to 63.70): BN010865.D (-490) (-)

Ion 95.00 (94.70 to 95.70): BN010865.D (-490) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.03 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 10558

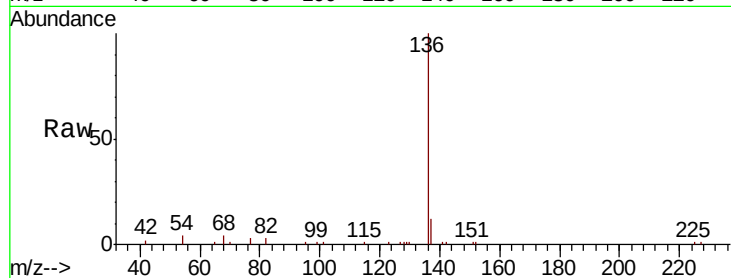
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 3.7 4.9 7.3#

68 4.5 4.7 7.1#

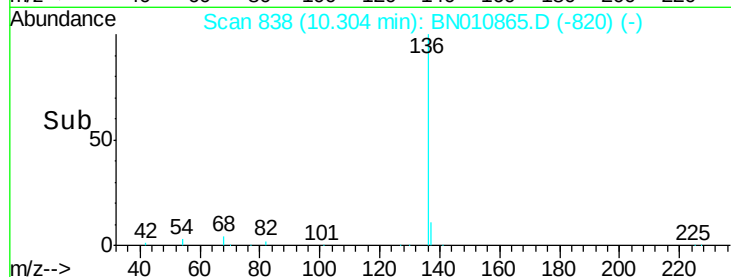


Abundance Ion 136.00 (135.70 to 136.70): E

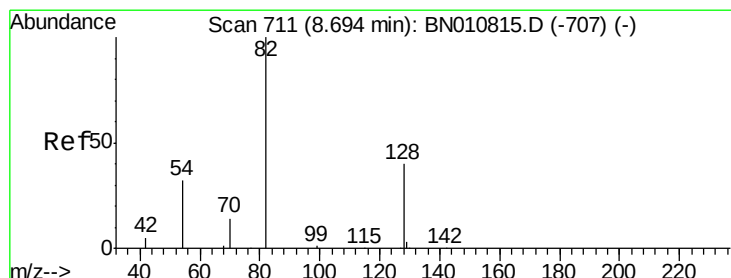
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.409 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

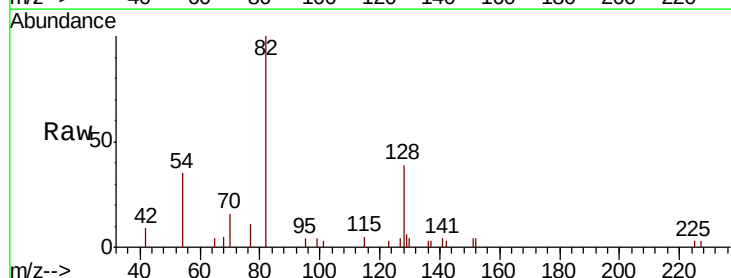
Tgt Ion: 82 Resp: 3192

Ion Ratio Lower Upper

82 100

128 38.7 35.4 53.0

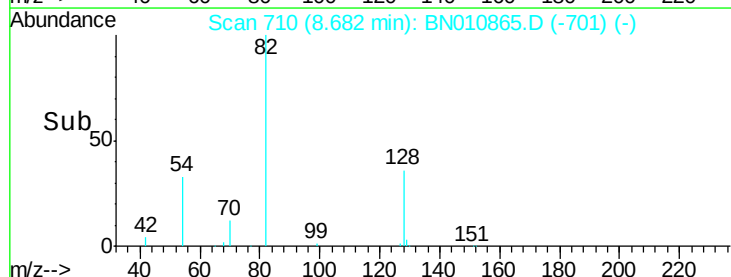
54 35.1 28.2 42.4



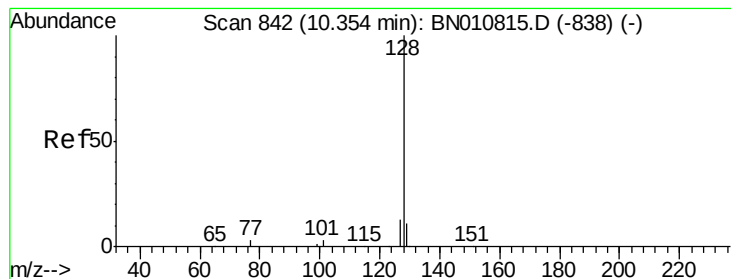
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.426 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

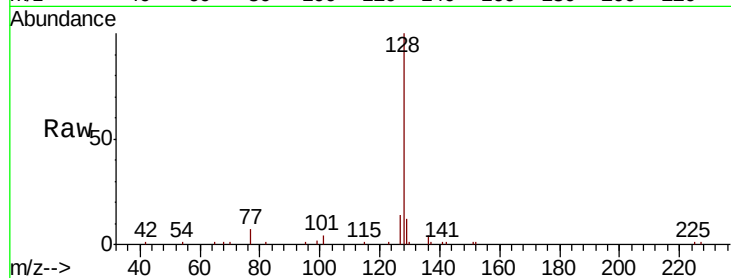
Tot Ion:128 Resp: 11312

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

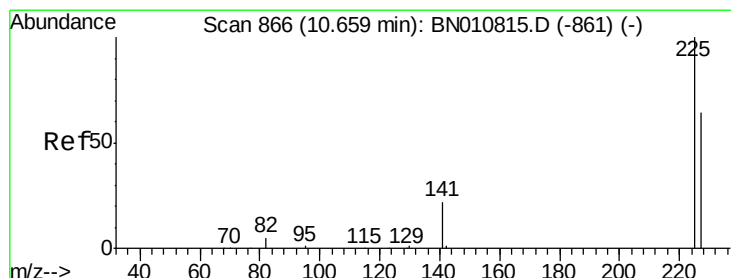
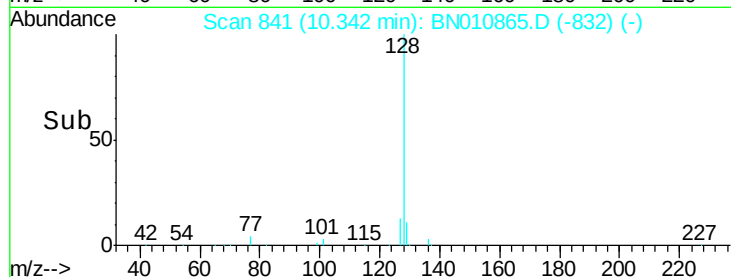
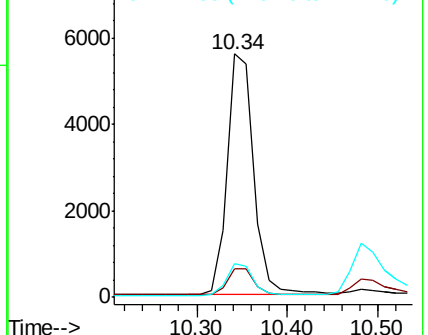
127 13.8 11.4 17.2



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: 0.398 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.03 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

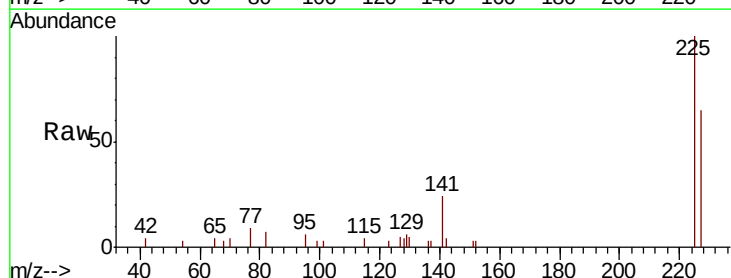
Tgt Ion:225 Resp: 2607

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

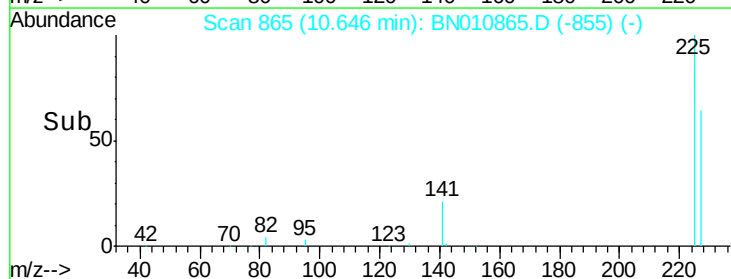
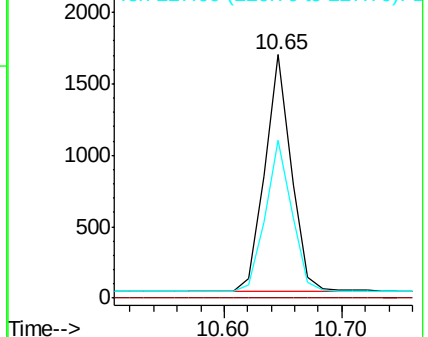
227 64.1 50.5 75.7

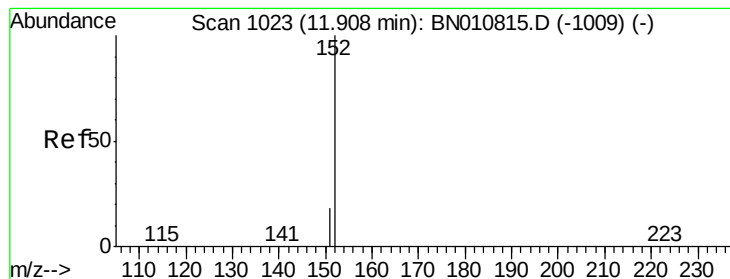


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.429 ng

RT: 11.90 min Scan# 1021

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

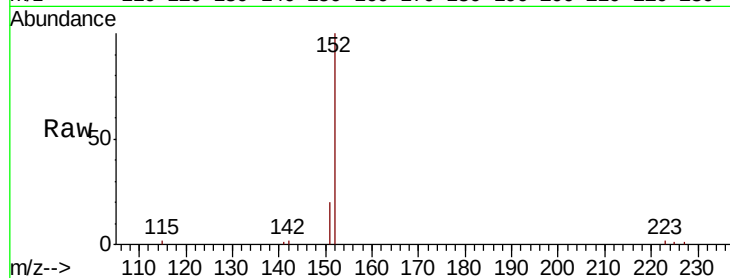
SSTDCCC0.4EC

Tot Ion:152 Resp: 7030

Ion Ratio Lower Upper

152 100

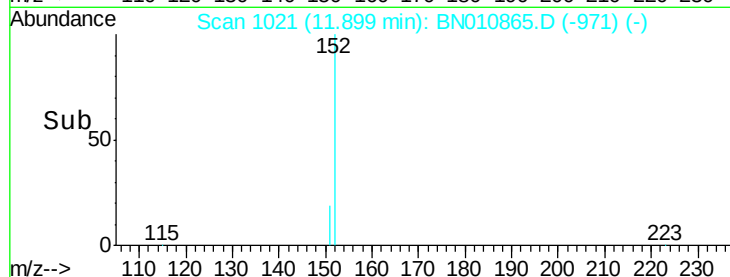
151 19.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.90



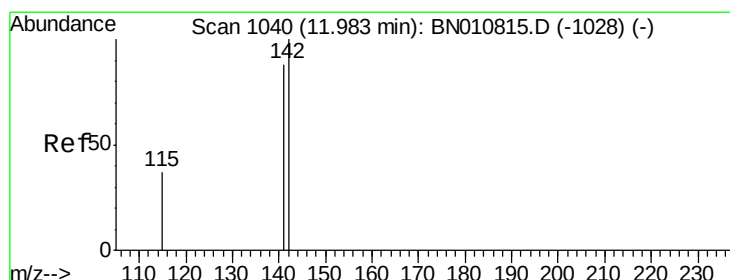
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.90

Time-->



#12

2-Methylnaphthalene

Concen: 0.425 ng

RT: 11.97 min Scan# 1037

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

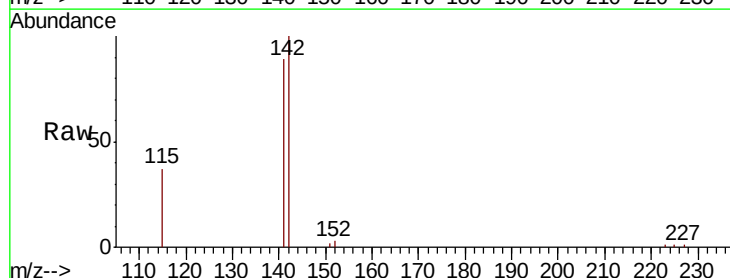
Tgt Ion:142 Resp: 7552

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

115 36.6 31.5 47.3

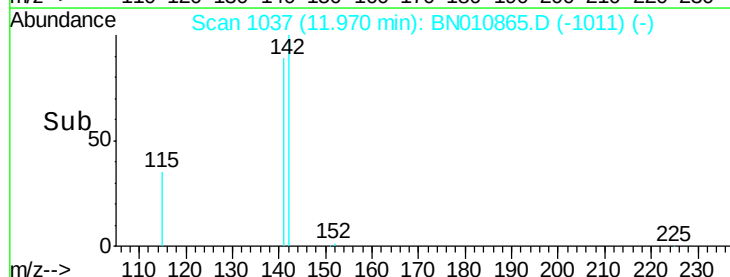


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.97



Abundance

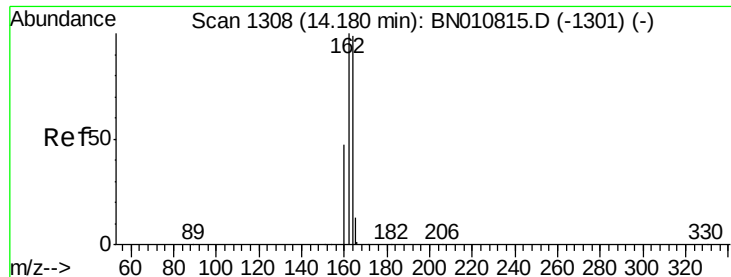
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.97

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

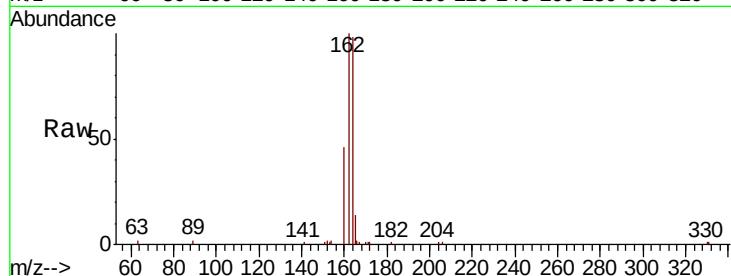
Tot Ion:164 Resp: 5796

Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.6

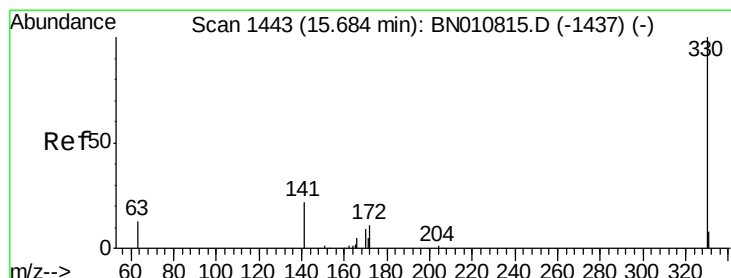
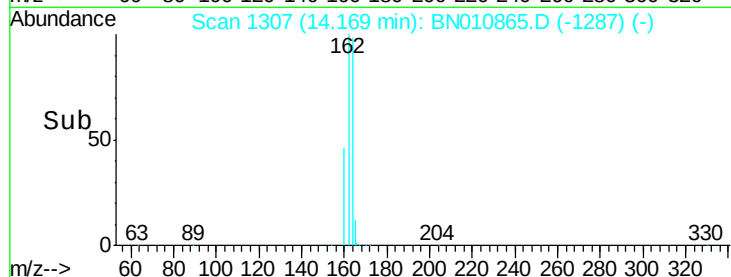
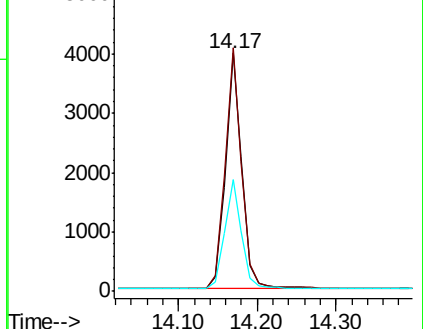
160 47.2 38.9 58.3



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: 0.406 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

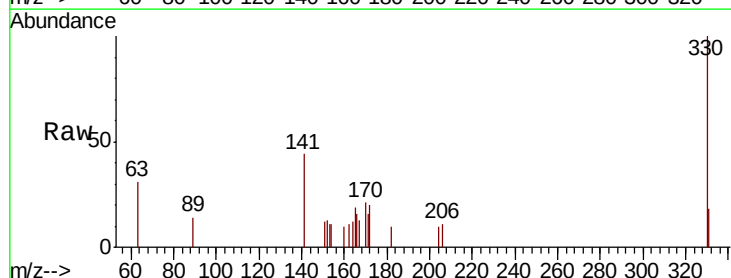
Tgt Ion:330 Resp: 842

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

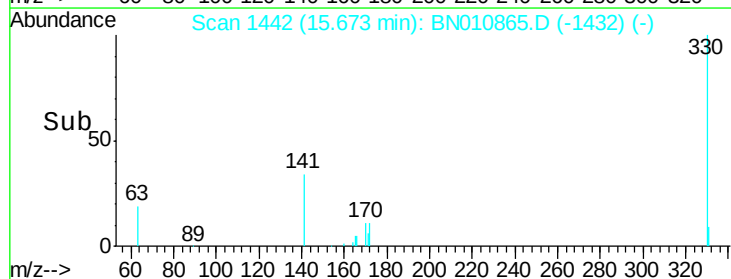
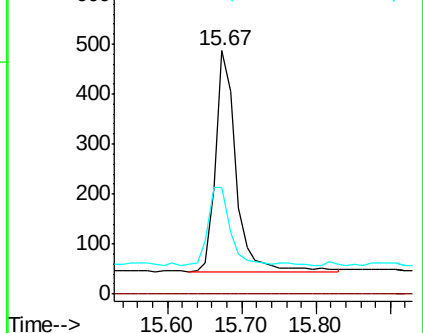
141 37.2 33.2 49.8

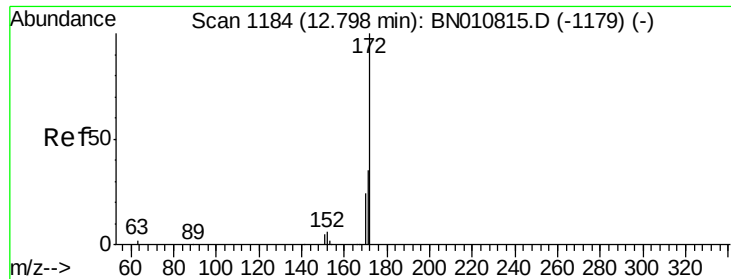


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

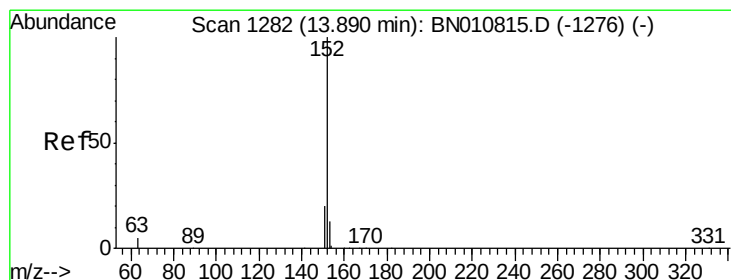
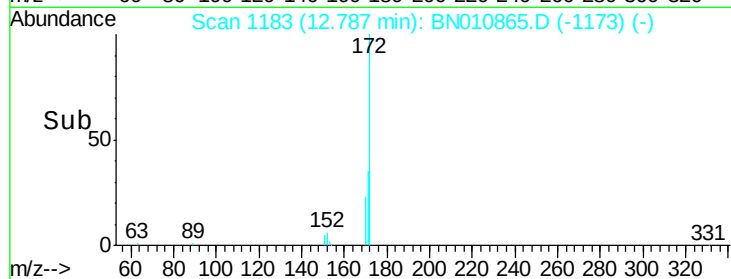
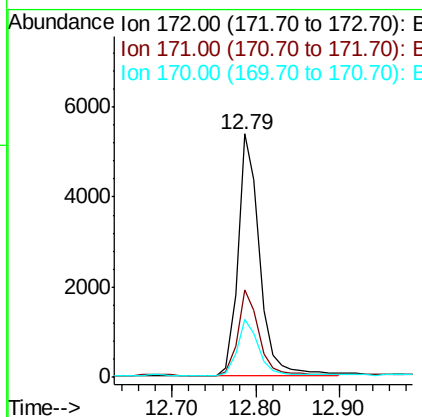
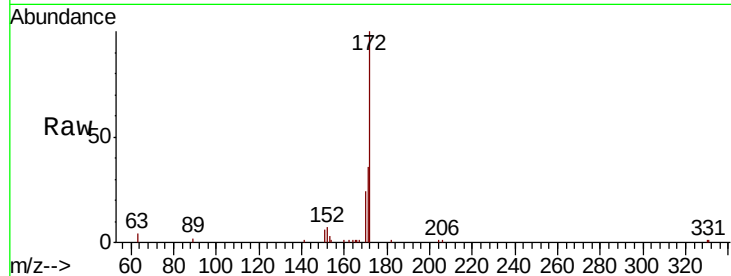




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

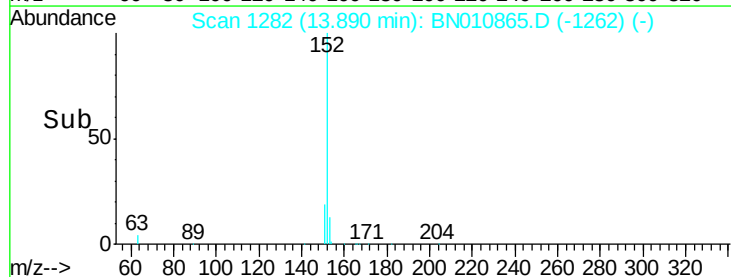
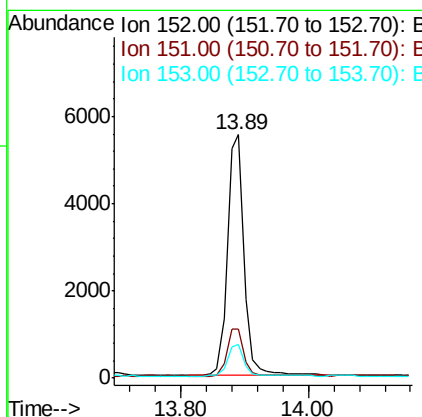
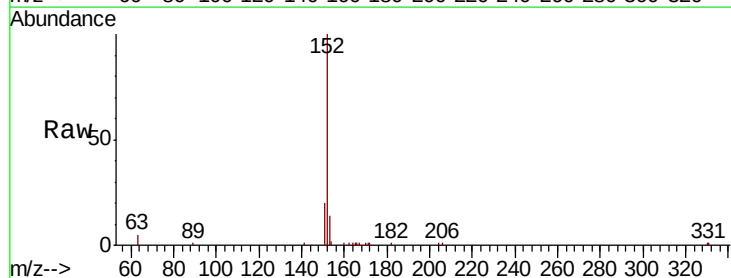
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

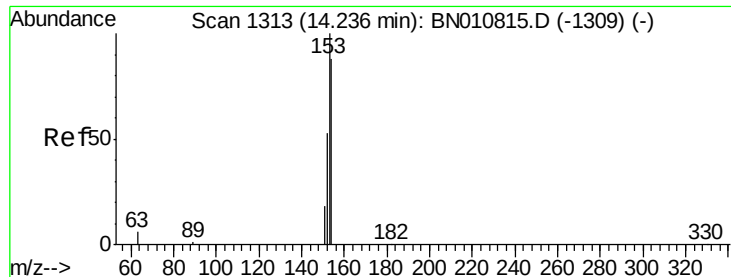
Tot Ion:172 Resp: 9512
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.7 19.7 29.5



#16
Acenaphthylene
Concen: 0.422 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:152 Resp: 10014
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 12.9 10.6 16.0





#17

Acenaphthene

Concen: 0.429 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

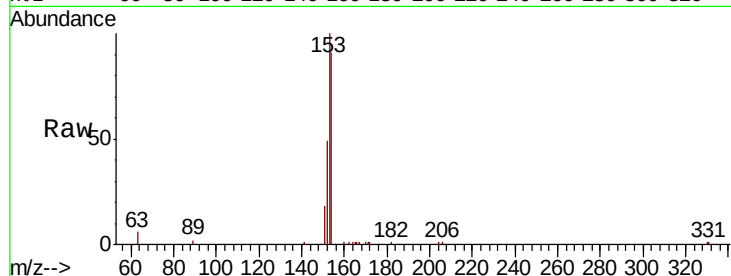
Tot Ion:154 Resp: 6946

Ion Ratio Lower Upper

154 100

153 114.4 91.8 137.6

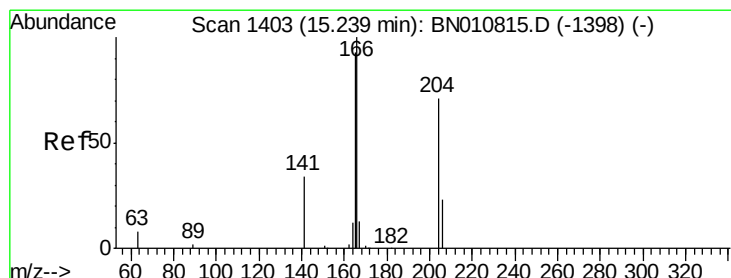
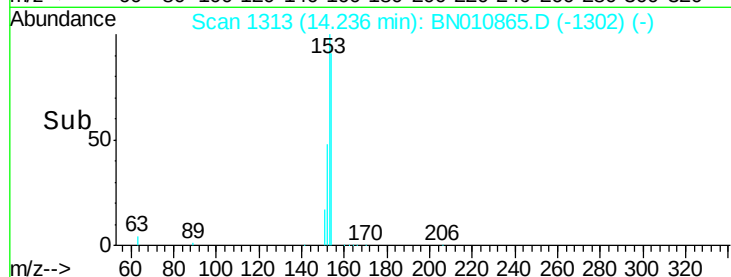
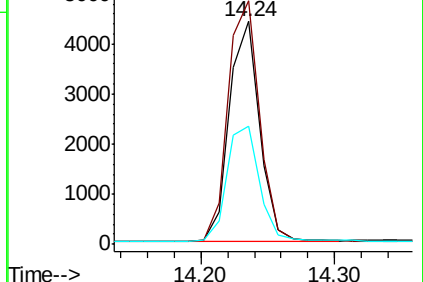
152 56.2 47.6 71.4



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: 0.417 ng

RT: 15.23 min Scan# 1402

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

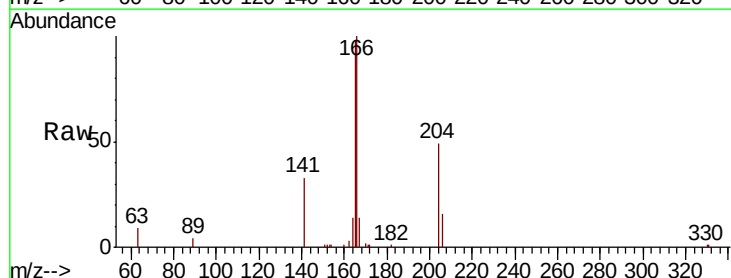
Tgt Ion:166 Resp: 8701

Ion Ratio Lower Upper

166 100

165 98.0 77.2 115.8

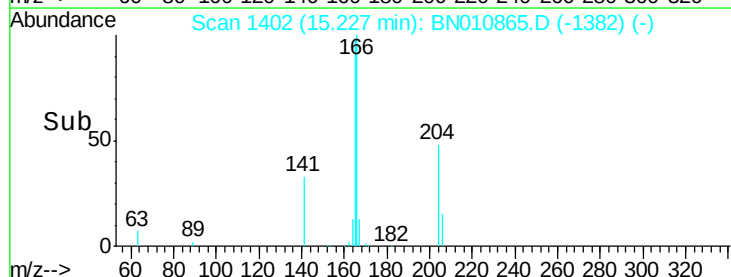
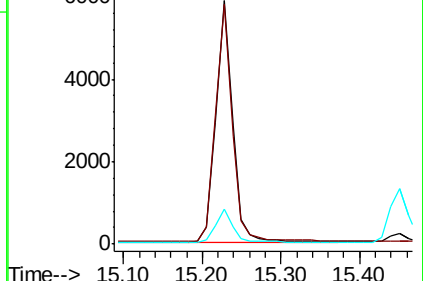
167 13.6 10.7 16.1

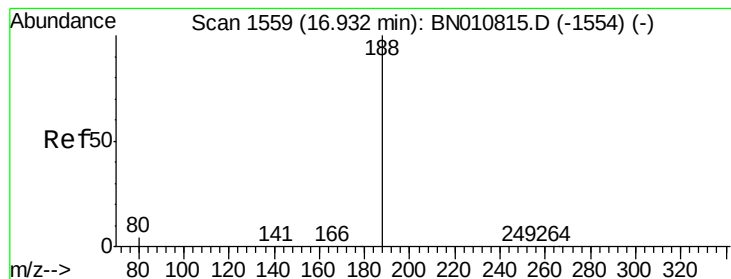


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.92 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

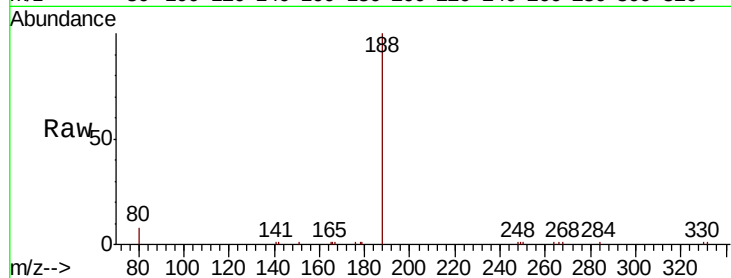
Tot Ion:188 Resp: 11698

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

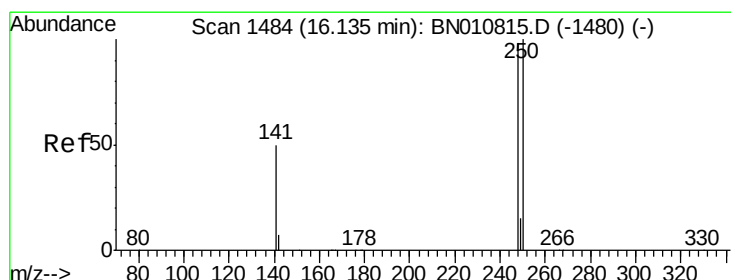
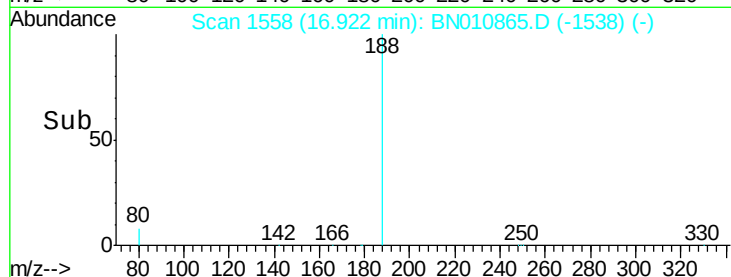
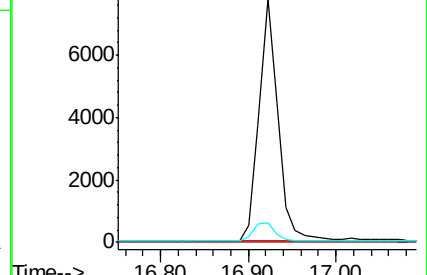
80 8.3 4.5 6.7#



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. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

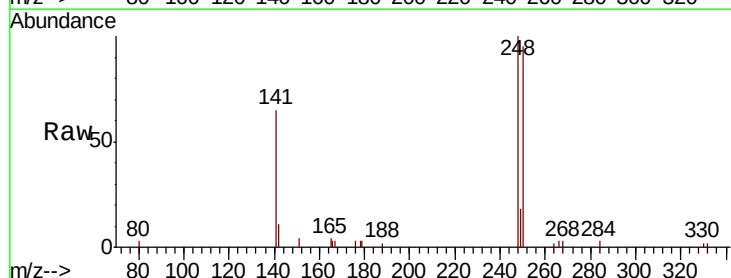
Tgt Ion:248 Resp: 2781

Ion Ratio Lower Upper

248 100

250 94.7 81.8 122.8

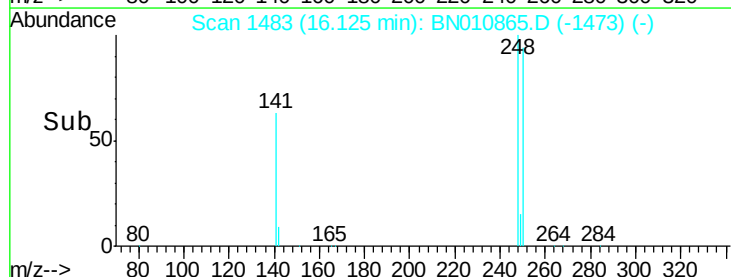
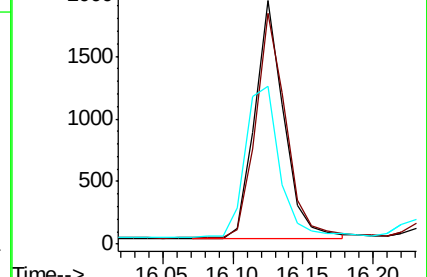
141 65.0 42.6 64.0#

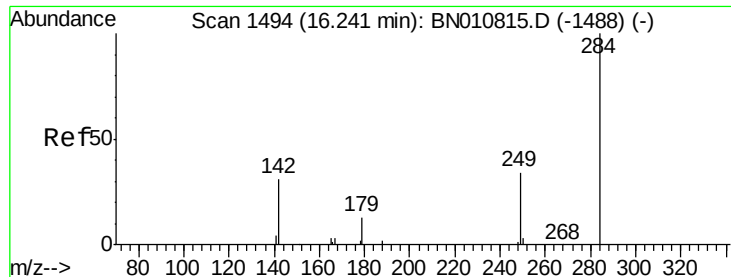


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.422 ng

RT: 16.24 min Scan# 1494

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

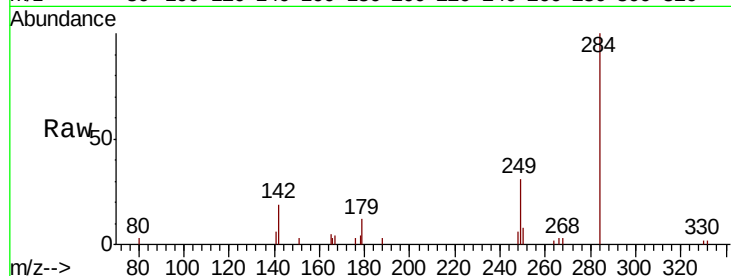
Tot Ion:284 Resp: 3092

Ion Ratio Lower Upper

284 100

142 35.0 31.0 46.4

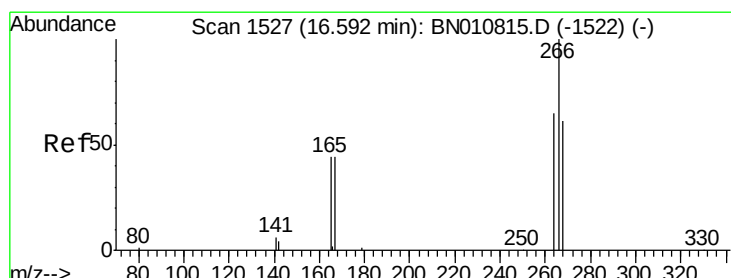
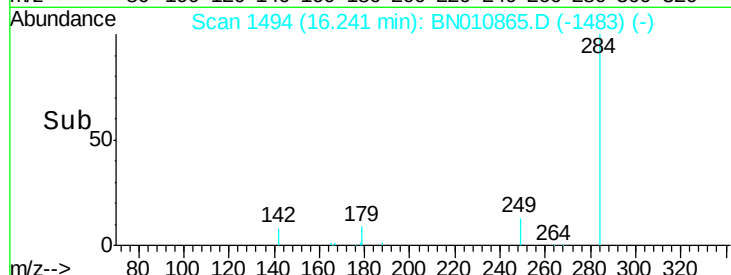
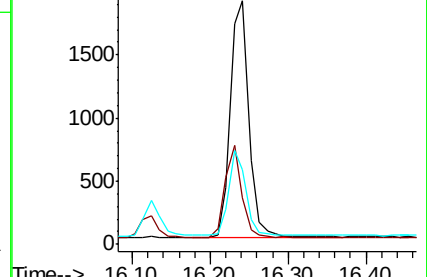
249 32.7 27.1 40.7



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: 0.381 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

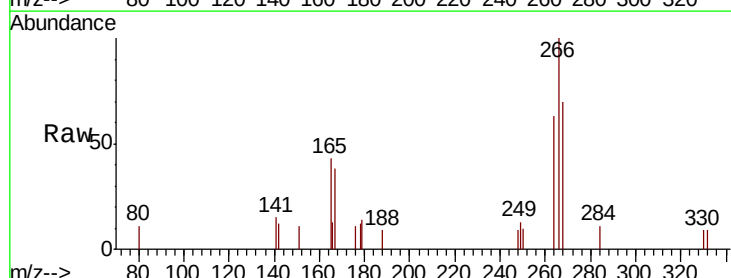
Tgt Ion:266 Resp: 939

Ion Ratio Lower Upper

266 100

264 62.9 54.8 82.2

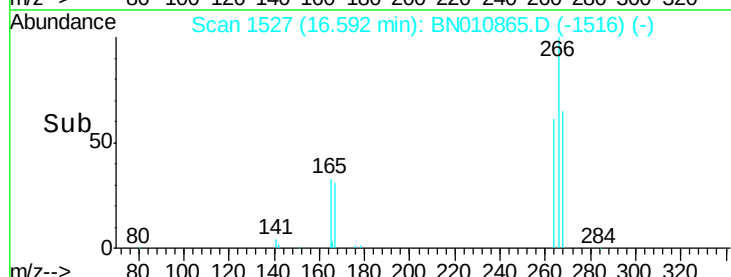
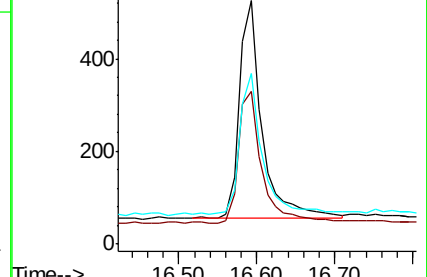
268 70.2 55.9 83.9

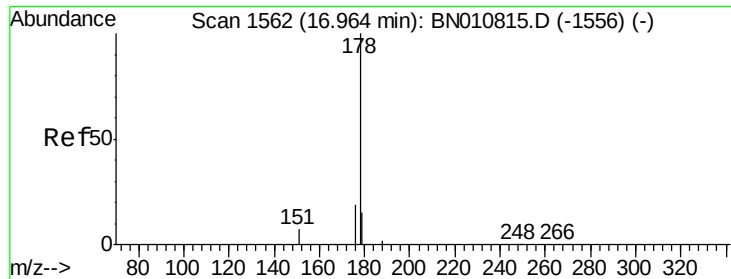


Abundance Ion 266.00 (265.70 to 266.70): E

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. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

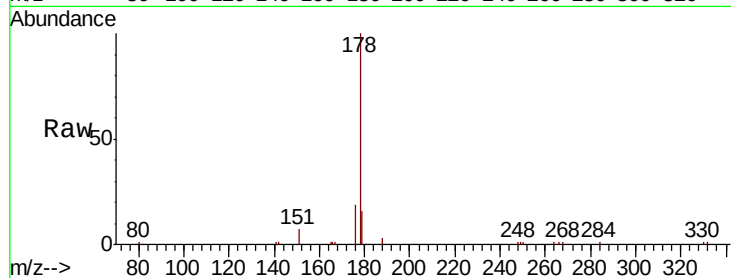
Tot Ion:178 Resp: 13519

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

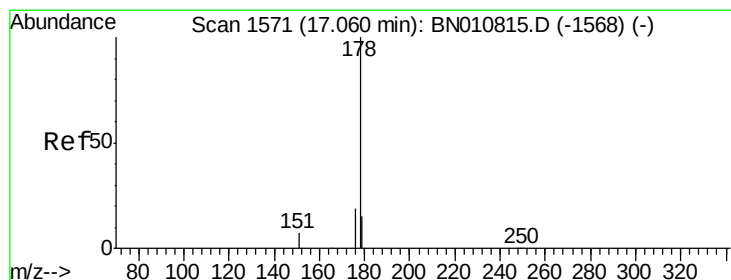
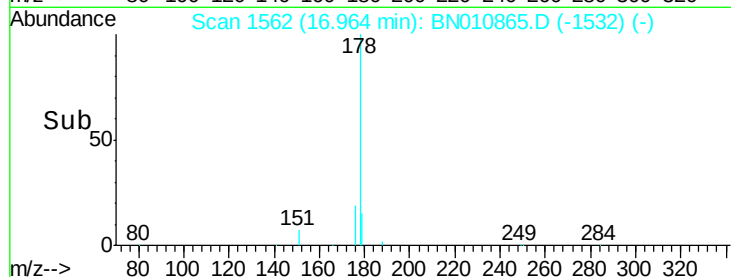
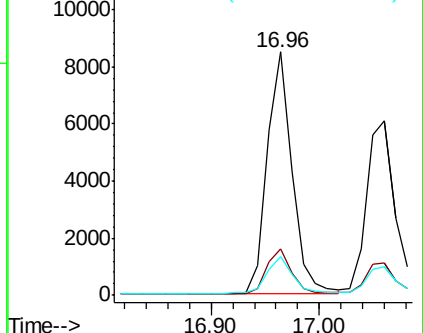
179 15.3 12.6 19.0



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: 0.425 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

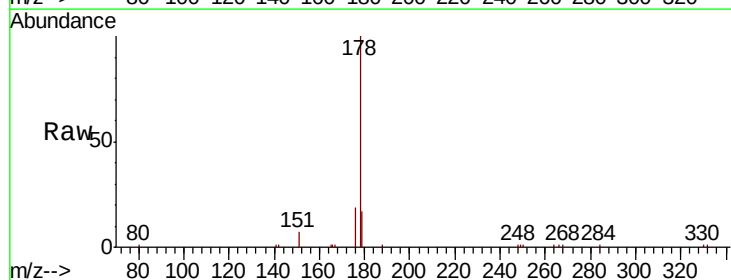
Tgt Ion:178 Resp: 11334

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

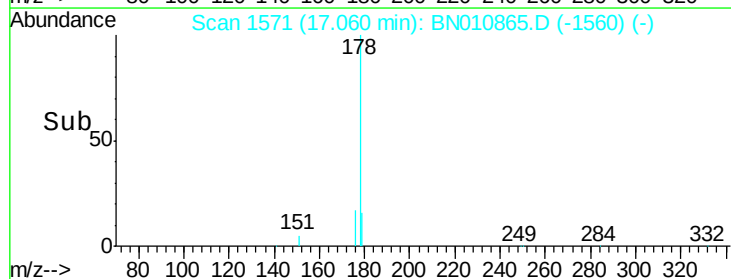
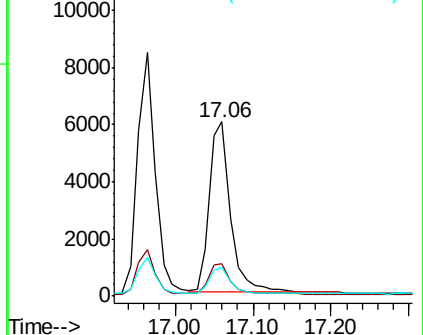
179 15.2 12.3 18.5

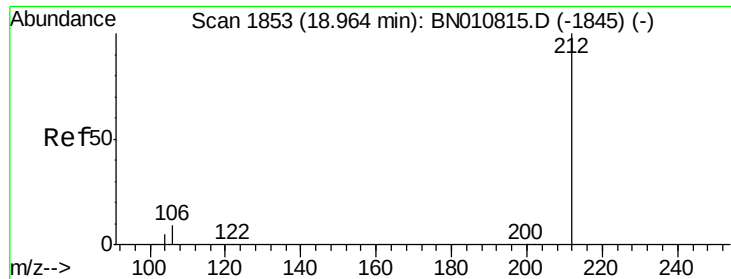


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.432 ng

RT: 18.96 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

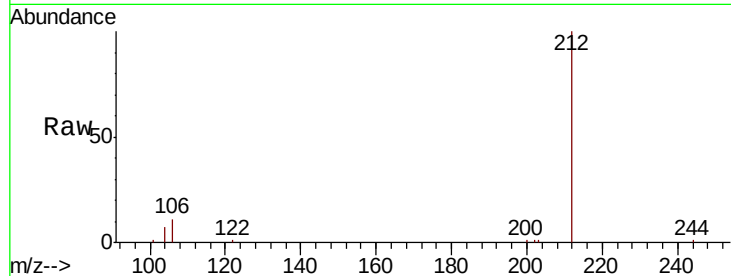
Tot Ion:212 Resp: 13950

Ion Ratio Lower Upper

212 100

106 10.2 6.6 10.0#

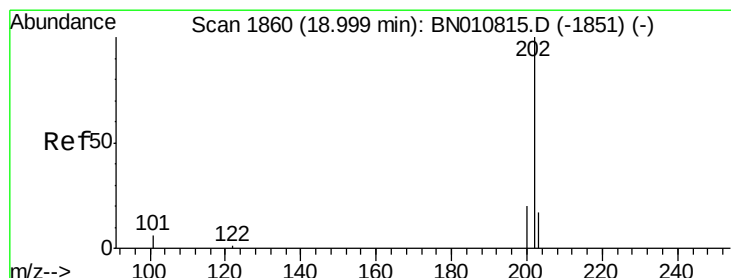
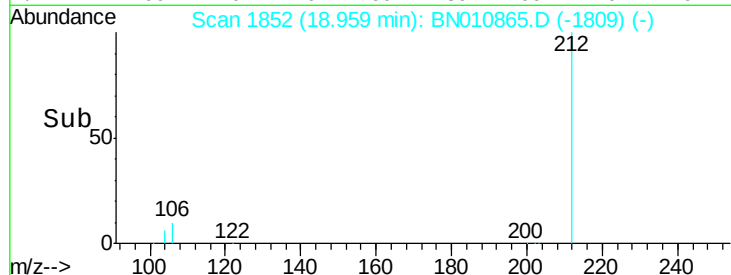
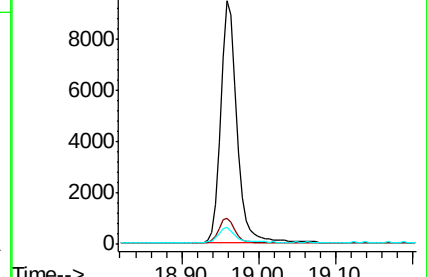
104 6.0 4.0 6.0



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: 0.423 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

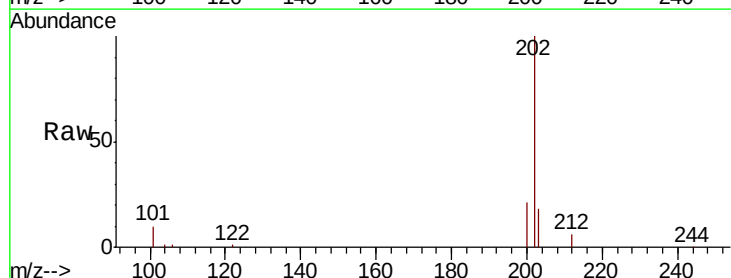
Tgt Ion:202 Resp: 15355

Ion Ratio Lower Upper

202 100

101 9.0 5.8 8.6#

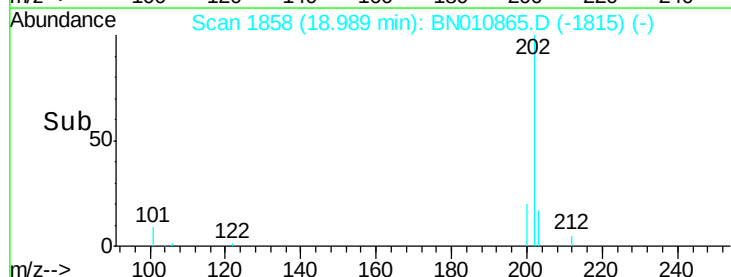
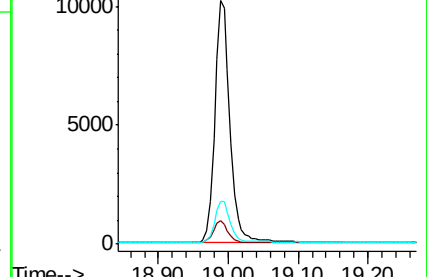
203 17.2 13.7 20.5

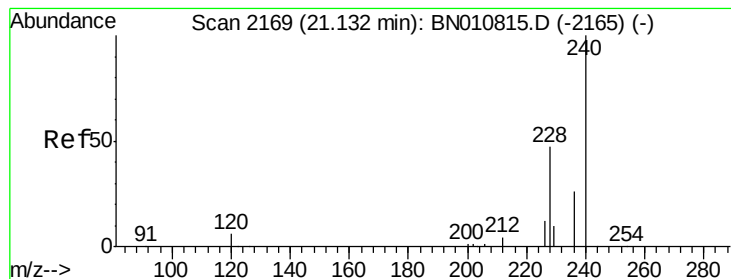


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

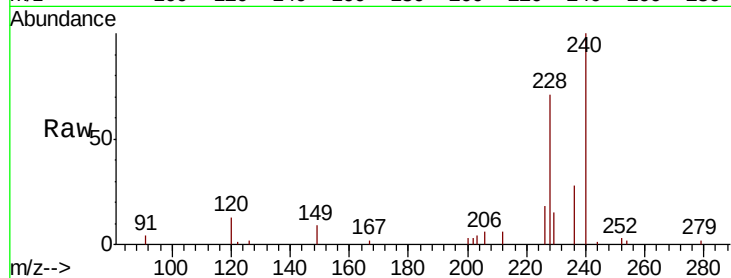
Tot Ion:240 Resp: 11396

Ion Ratio Lower Upper

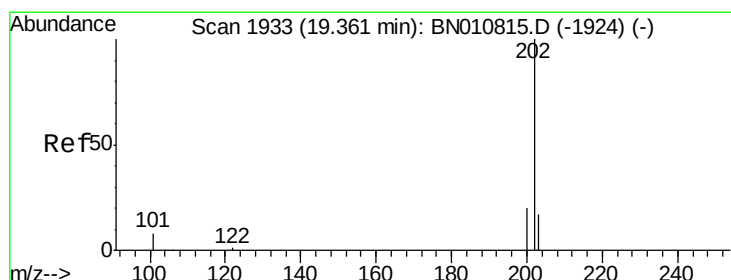
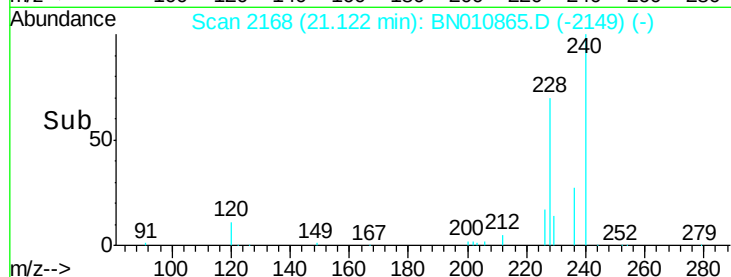
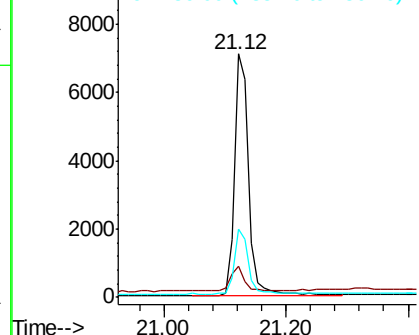
240 100

120 12.9 7.5 11.3#

236 28.2 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: 0.411 ng

RT: 19.36 min Scan# 1932

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

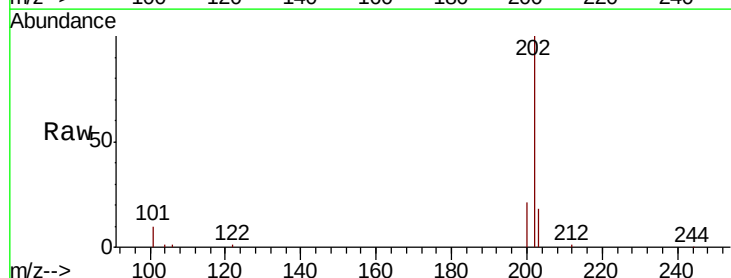
Tgt Ion:202 Resp: 15487

Ion Ratio Lower Upper

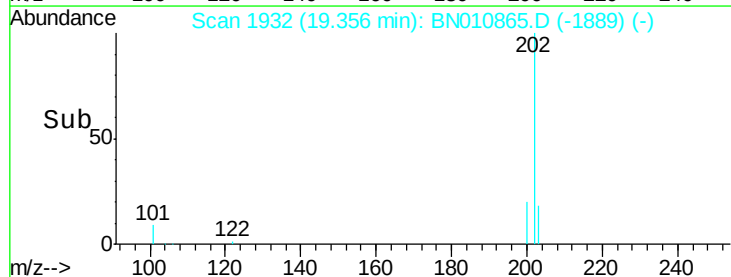
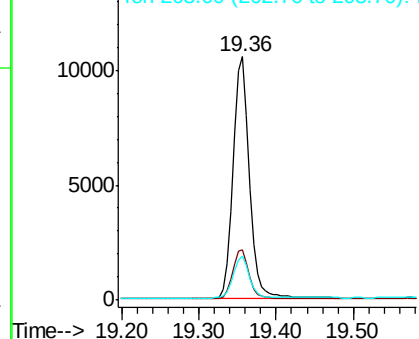
202 100

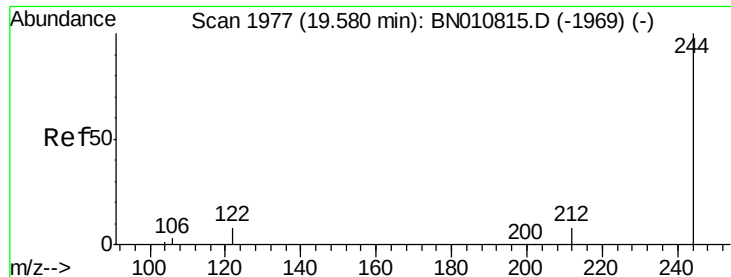
200 20.4 16.4 24.6

203 17.4 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: 0.406 ng

RT: 19.57 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

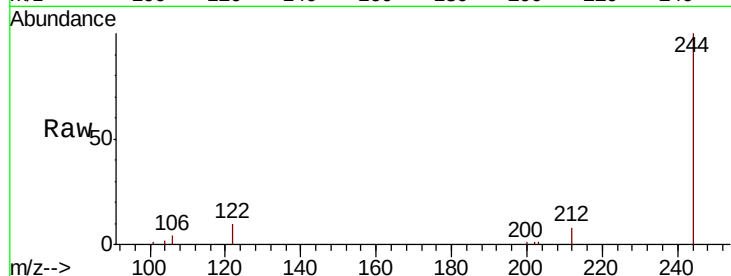
Tot Ion:244 Resp: 10827

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

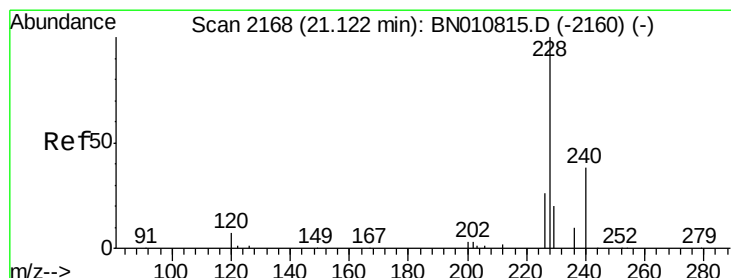
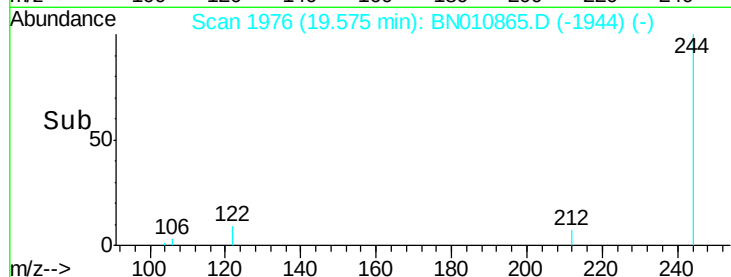
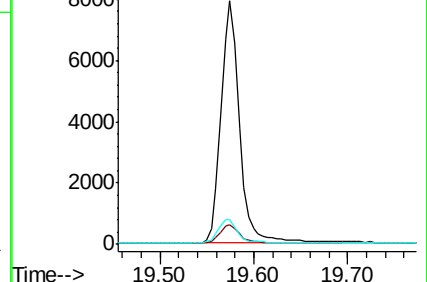
122 10.1 7.5 11.3



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: 0.423 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

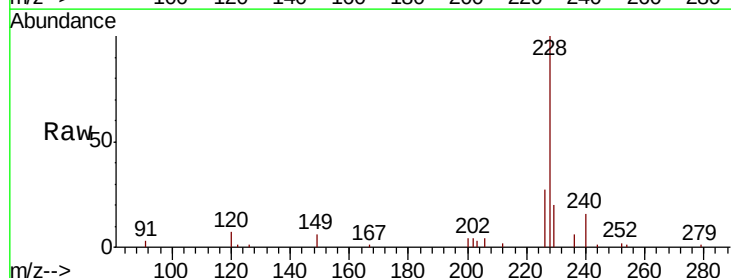
Tgt Ion:228 Resp: 14153

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

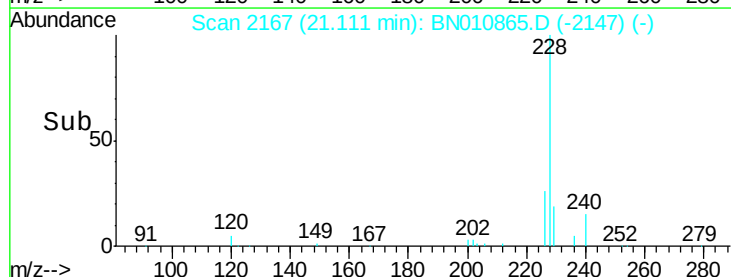
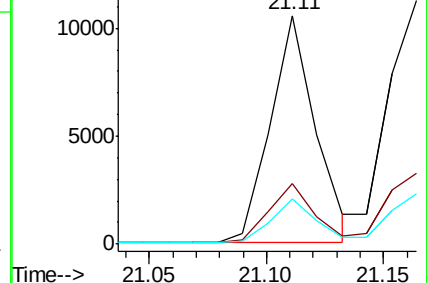
229 19.7 16.6 24.8

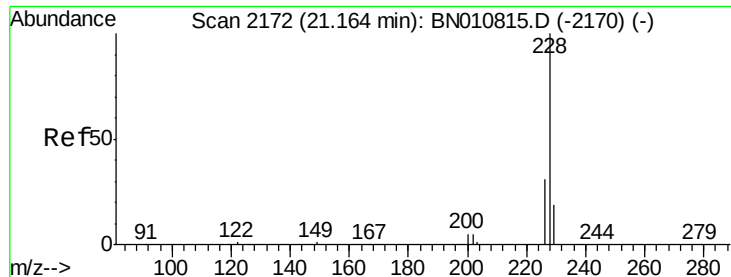


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.424 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

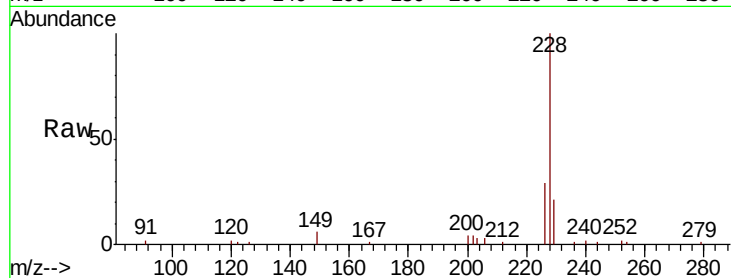
Tot Ion:228 Resp: 16560

Ion Ratio Lower Upper

228 100

226 29.3 25.0 37.6

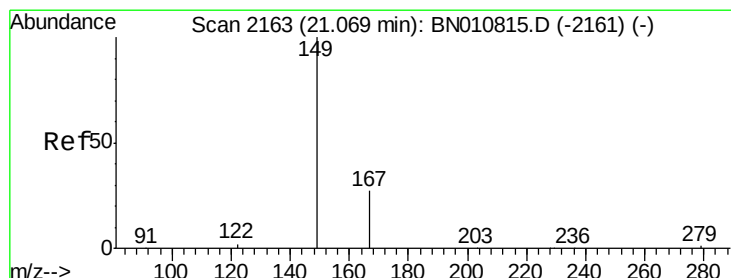
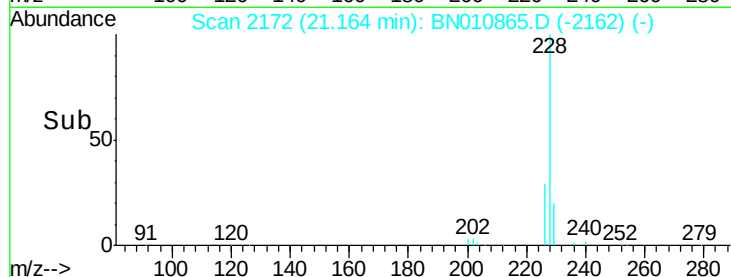
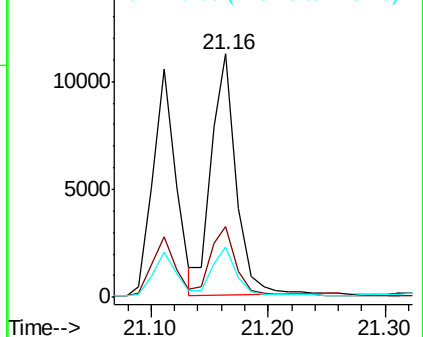
229 20.8 16.1 24.1



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. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

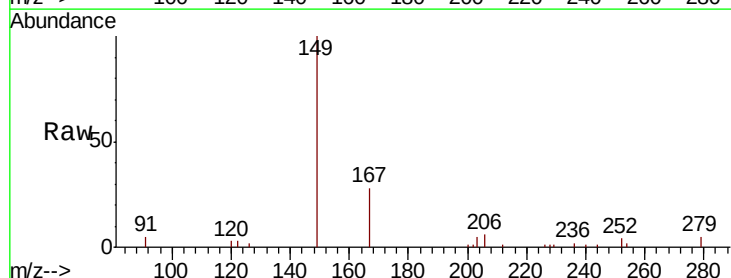
Tgt Ion:149 Resp: 5523

Ion Ratio Lower Upper

149 100

167 28.1 24.1 36.1

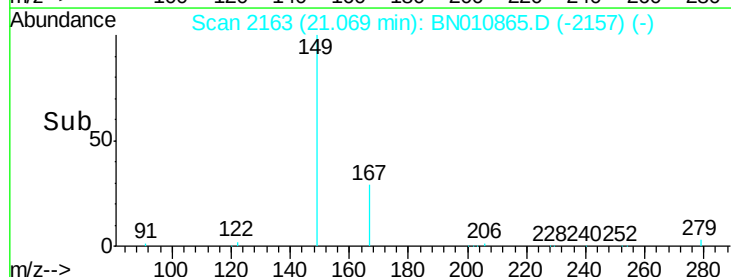
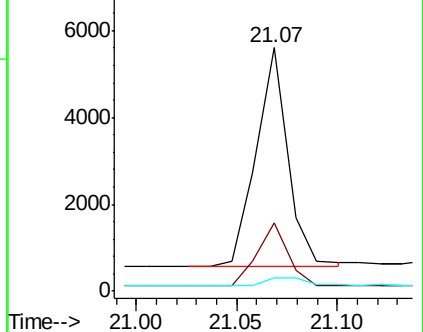
279 4.4 4.6 7.0#

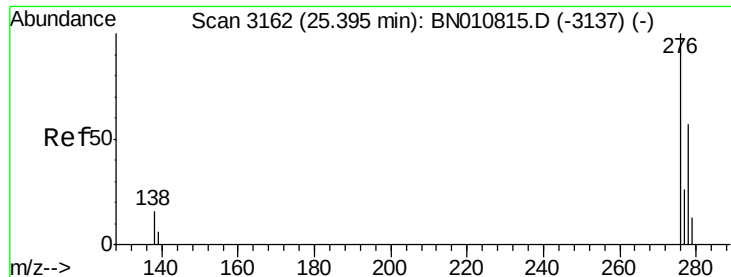


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.432 ng

RT: 25.38 min Scan# 3158

Delta R.T. 0.02 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

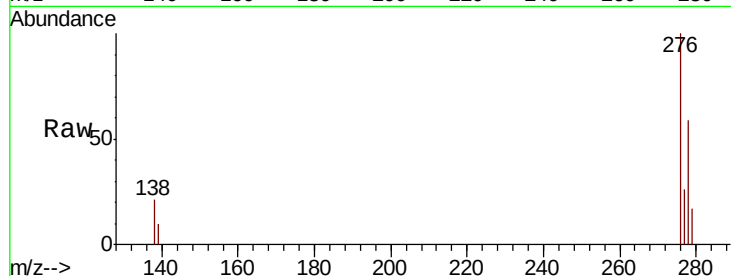
Tot Ion:276 Resp: 18845

Ion Ratio Lower Upper

276 100

138 21.5 13.0 19.6#

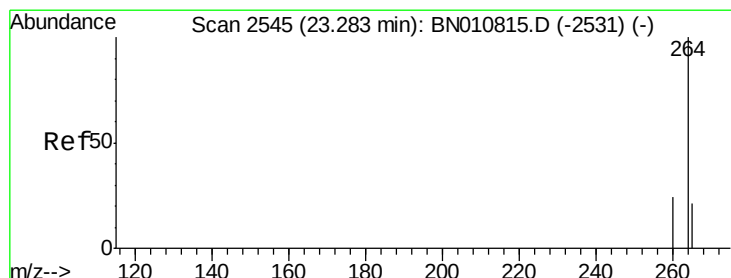
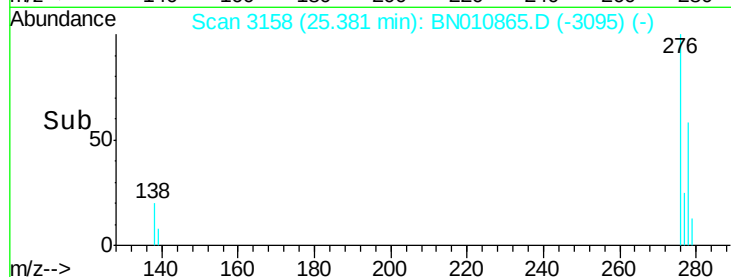
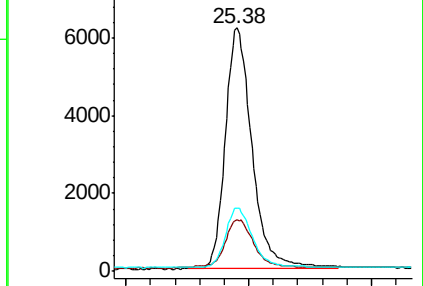
277 25.0 19.7 29.5



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: 23.28 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

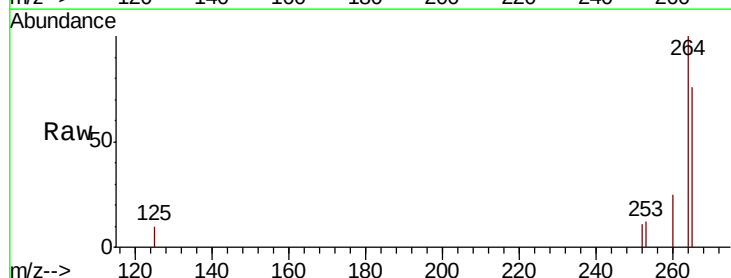
Tgt Ion:264 Resp: 11978

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

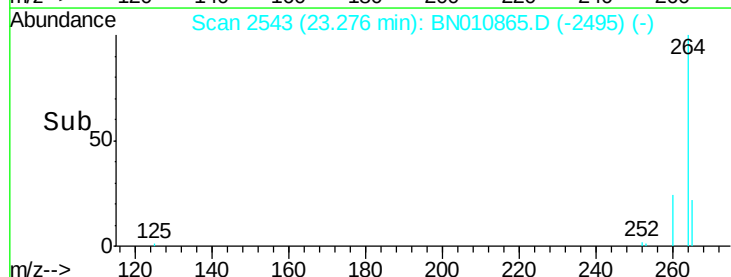
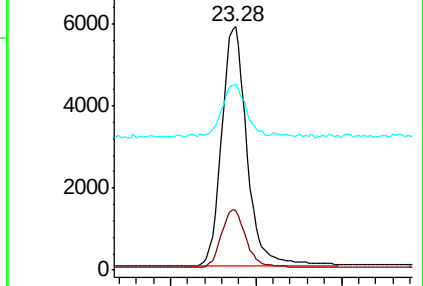
265 76.3 75.0 112.4

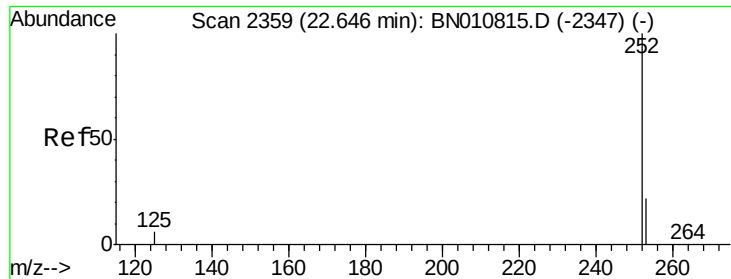


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.390 ng

RT: 22.64 min Scan# 2357

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

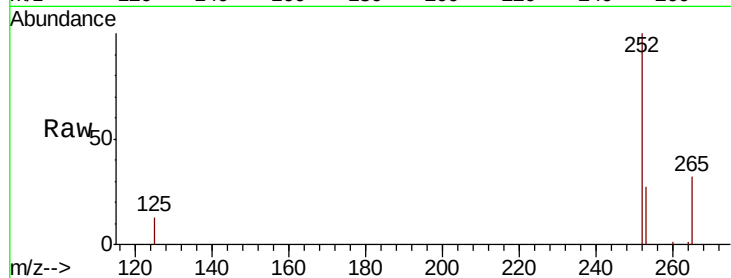
Tot Ion:252 Resp: 15892

Ion Ratio Lower Upper

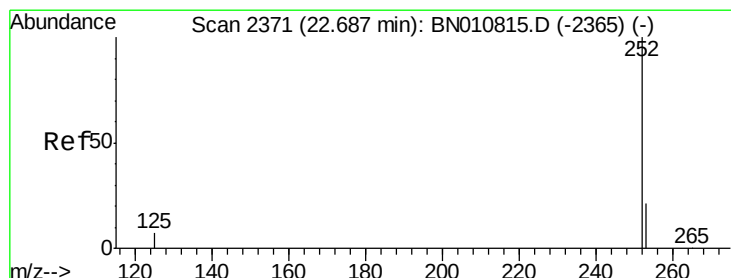
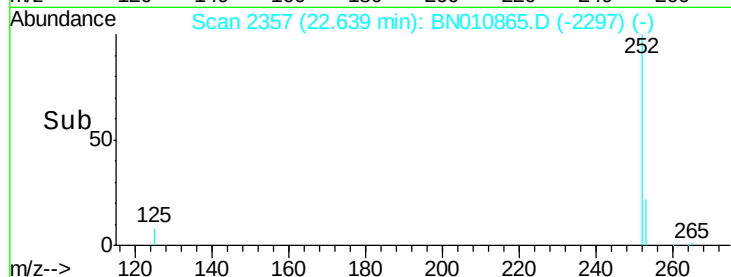
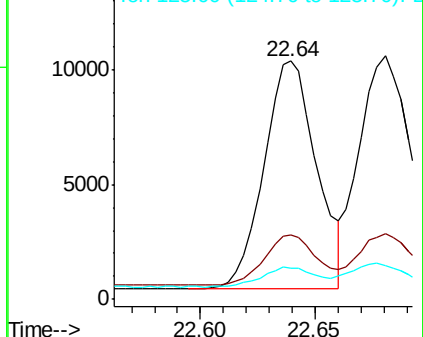
252 100

253 27.0 22.4 33.6

125 13.2 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: 0.390 ng

RT: 22.68 min Scan# 2369

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

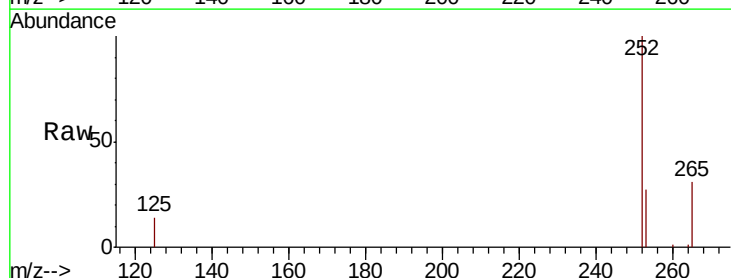
Tgt Ion:252 Resp: 16923

Ion Ratio Lower Upper

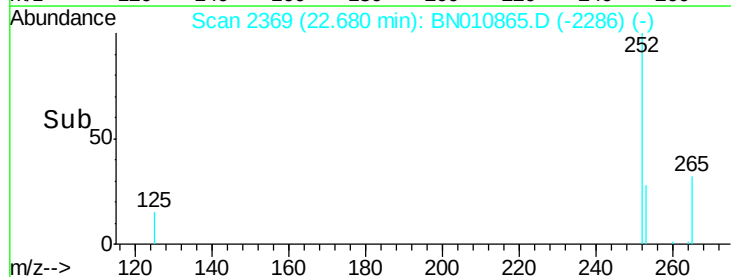
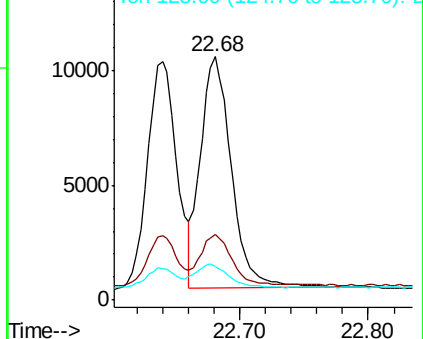
252 100

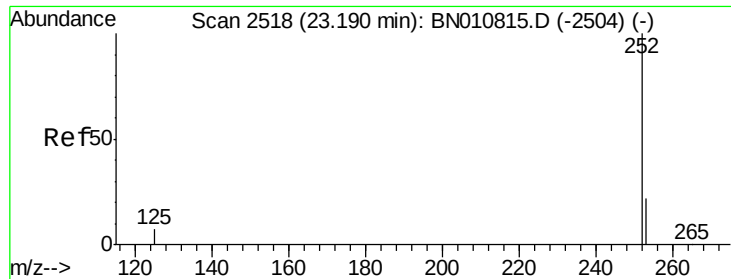
253 26.9 22.2 33.4

125 14.1 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: 0.411 ng

RT: 23.18 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

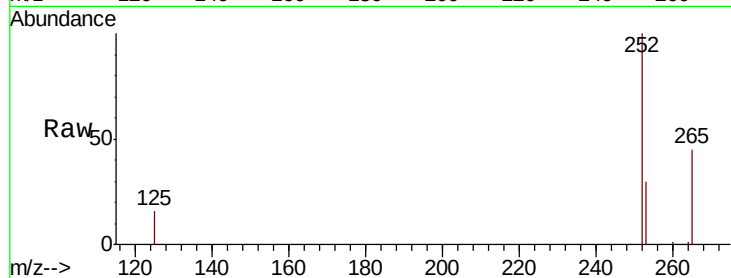
Tot Ion:252 Resp: 14367

Ion Ratio Lower Upper

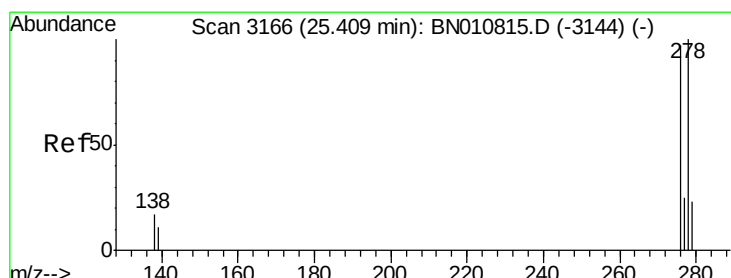
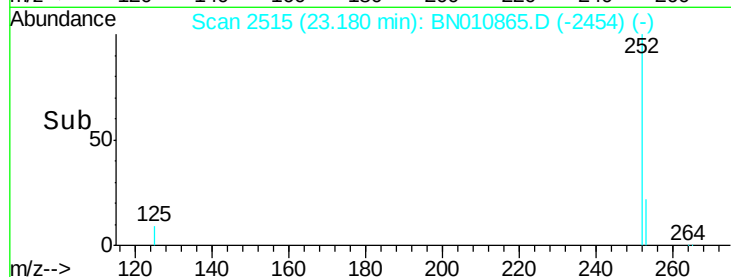
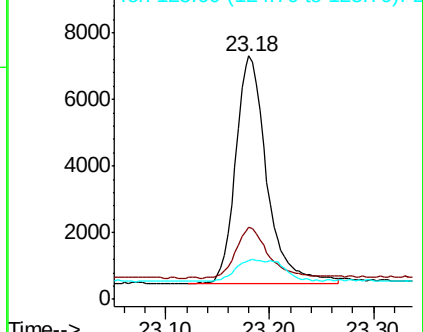
252 100

253 29.5 25.8 38.8

125 16.1 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: 0.385 ng

RT: 25.39 min Scan# 3162

Delta R.T. 0.01 min

Lab File: BN010865.D

Acq: 13 Jun 2020 05:07

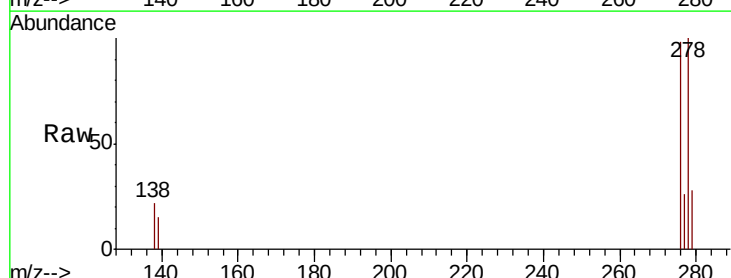
Tgt Ion:278 Resp: 15327

Ion Ratio Lower Upper

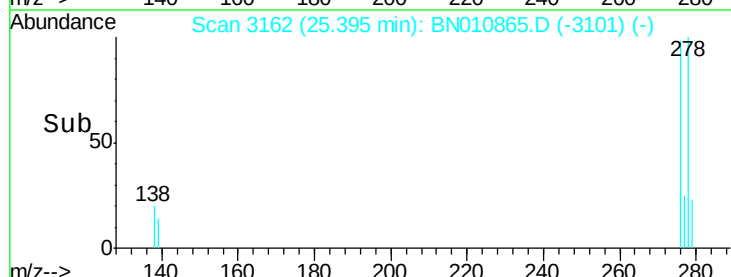
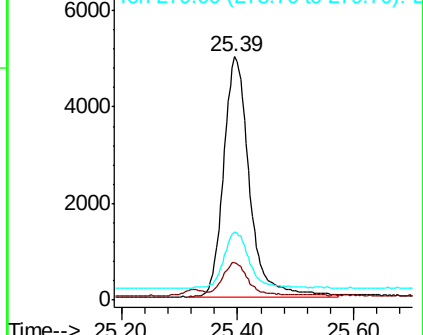
278 100

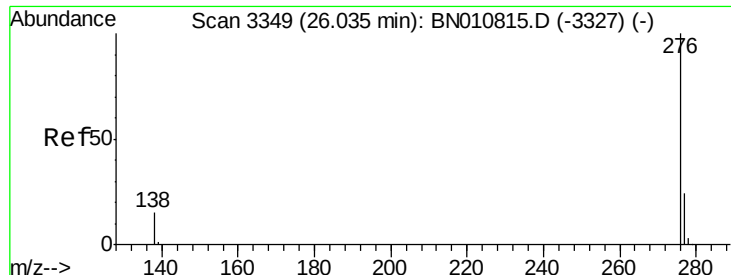
139 15.5 10.6 15.8

279 27.8 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# 3345

Delta R.T. 0.02 min

Lab File: BN010865.D

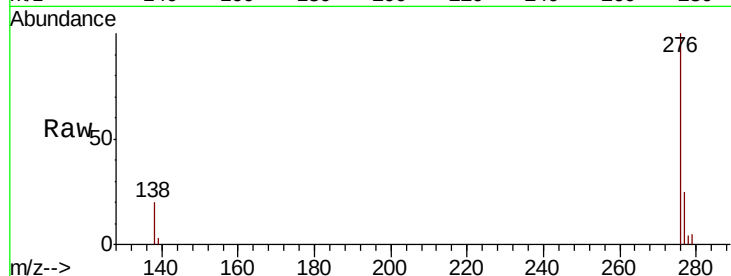
Acq: 13 Jun 2020 05:07

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



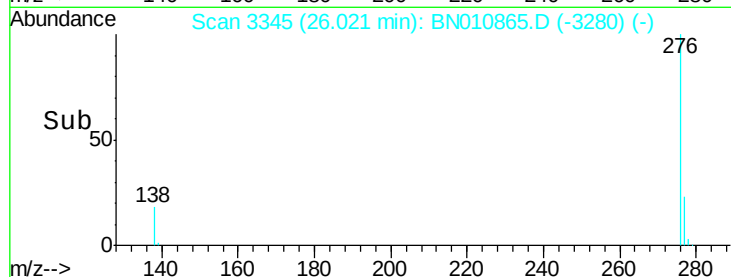
Tot Ion: 276 Resp: 15717

Ion Ratio Lower Upper

276 100

277 25.0 20.5 30.7

138 19.8 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

