

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
 Data File : BN010849.D
 Acq On : 12 Jun 2020 18:20
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 23 19:58:55 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	7.56	152	2652	0.40	ng	0.02
7) Naphthalene-d8	10.30	136	9341	0.40	ng	0.03
13) Acenaphthene-d10	14.18	164	5142	0.40	ng	0.03
19) Phenanthrene-d10	16.93	188	10424	0.40	ng	0.02
27) Chrysene-d12	21.13	240	9940	0.40	ng	0.01
34) Perylene-d12	23.28	264	10642	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	2562	0.50	ng	0.02
5) Phenol-d6	6.75	99	2961	0.49	ng	0.02
8) Nitrobenzene-d5	8.69	82	2855	0.41	ng	0.03
11) 2-Methylnaphthalene-d10	11.90	152	6138	0.42	ng	0.03
14) 2,4,6-Tribromophenol	15.68	330	740	0.40	ng	0.02
15) 2-Fluorobiphenyl	12.79	172	8355	0.41	ng	0.02
25) Fluoranthene-d10	18.97	212	11945	0.42	ng	0.02
29) Terphenyl-d14	19.58	244	9413	0.40	ng	0.01

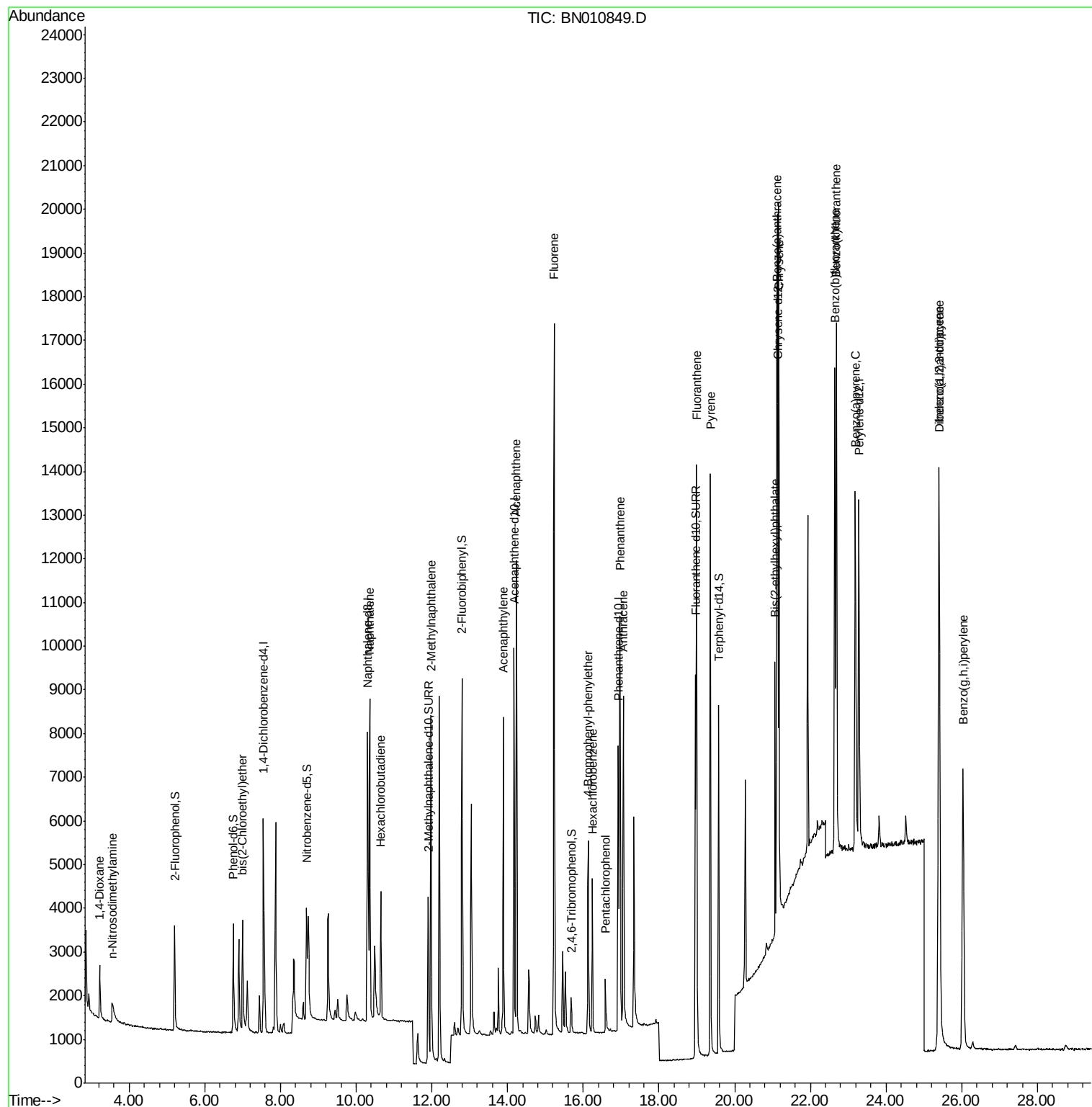
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.22	88	1120	0.431	ng	98
3) n-Nitrosodimethylamine	3.55	42	595	0.394	ng	# 97
6) bis(2-Chloroethyl)ether	7.00	93	2784	0.473	ng	94
9) Naphthalene	10.35	128	10103	0.430	ng	99
10) Hexachlorobutadiene	10.65	225	2339	0.403	ng	# 99
12) 2-Methylnaphthalene	11.97	142	6635	0.422	ng	99
16) Acenaphthylene	13.89	152	8839	0.420	ng	100
17) Acenaphthene	14.23	154	5938	0.413	ng	99
18) Fluorene	15.23	166	7526	0.406	ng	98
20) 4-Bromophenyl-phenylether	16.13	248	2407	0.384	ng	98
21) Hexachlorobenzene	16.24	284	2711	0.415	ng	96
22) Pentachlorophenol	16.59	266	839	0.382	ng	98
23) Phenanthrene	16.97	178	11693	0.411	ng	99
24) Anthracene	17.06	178	9754	0.410	ng	99
26) Fluoranthene	19.00	202	13343	0.413	ng	99
28) Pyrene	19.36	202	13404	0.408	ng	100
30) Benzo(a)anthracene	21.11	228	12596	0.431	ng	98
31) Chrysene	21.17	228	13586	0.399	ng	98
32) Bis(2-ethylhexyl)phthalate	21.07	149	5189	0.533	ng	98
33) Indeno(1,2,3-cd)pyrene	25.39	276	16963	0.446	ng	# 95
35) Benzo(b)fluoranthene	22.64	252	14271	0.394	ng	98
36) Benzo(k)fluoranthene	22.69	252	14855	0.385	ng	99
37) Benzo(a)pyrene	23.19	252	12835	0.414	ng	97
38) Dibenzo(a,h)anthracene	25.41	278	13481	0.381	ng	98
39) Benzo(g,h,i)perylene	26.03	276	14194	0.384	ng	98

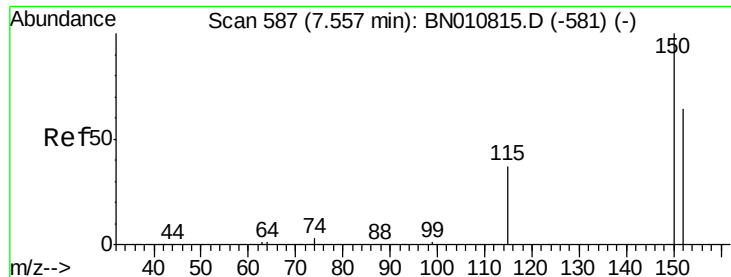
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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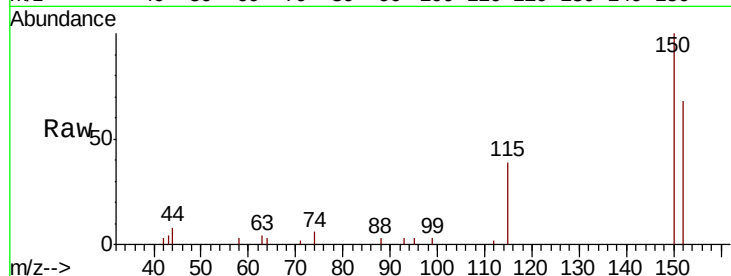


#1

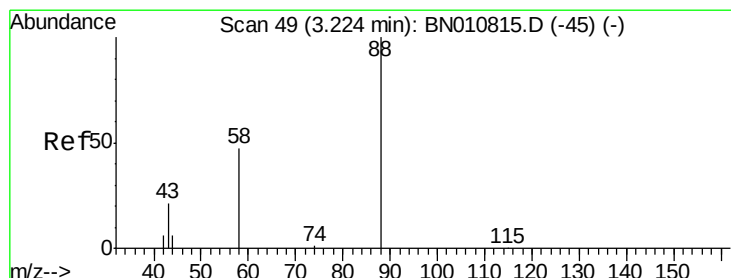
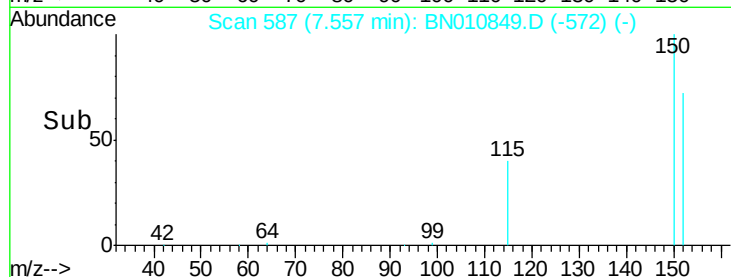
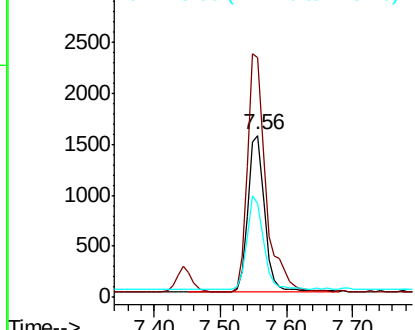
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2652
Ion Ratio Lower Upper
152 100
150 148.0 123.8 185.6
115 58.3 49.2 73.8



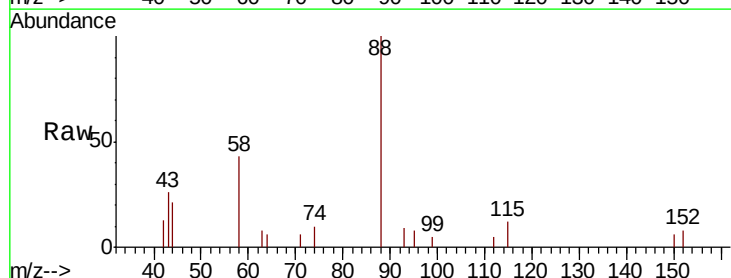
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



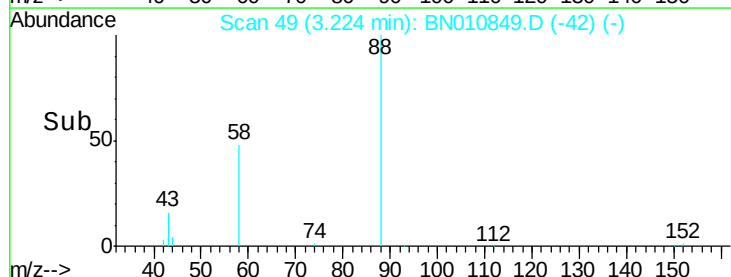
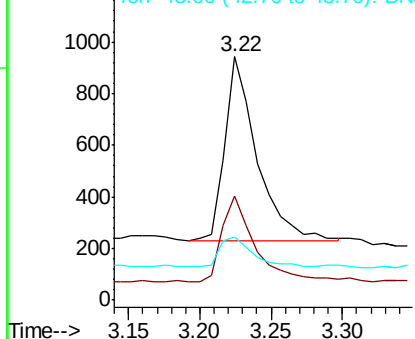
#2

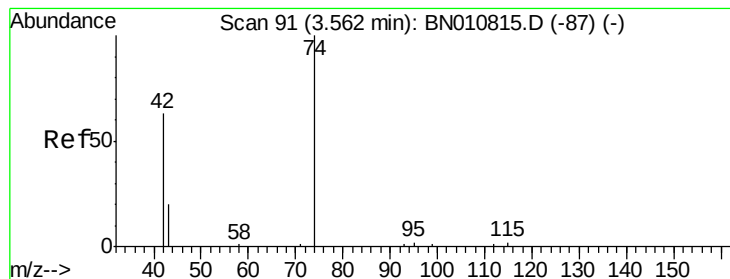
1,4-Dioxane
Concen: 0.431 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion: 88 Resp: 1120
Ion Ratio Lower Upper
88 100
58 47.5 38.2 57.4
43 16.7 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: 0.394 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.00 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

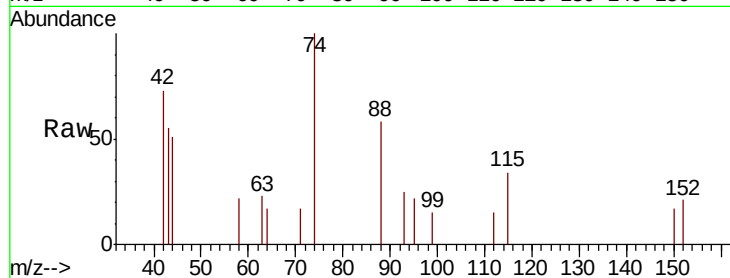
Tot Ion: 42 Resp: 595

Ion Ratio Lower Upper

42 100

74 180.5 140.7 211.1

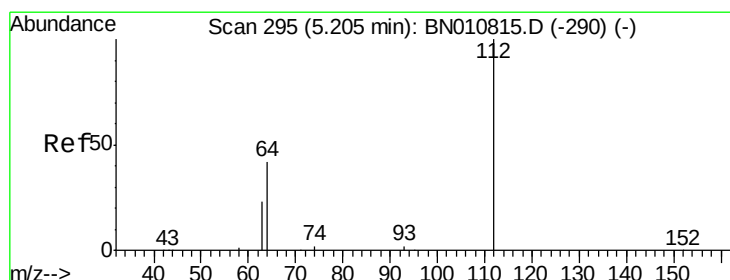
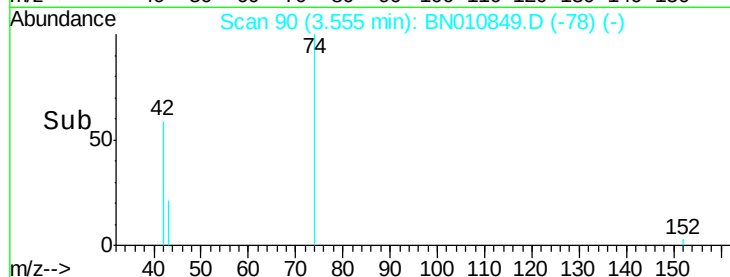
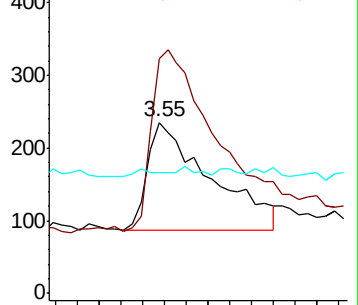
44 0.0 1.4 2.2#



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: 0.500 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

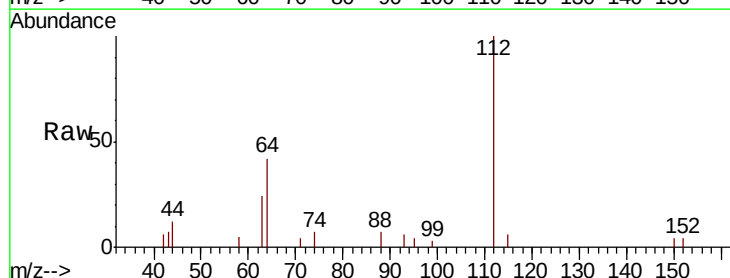
Tgt Ion: 112 Resp: 2562

Ion Ratio Lower Upper

112 100

64 44.9 37.4 56.0

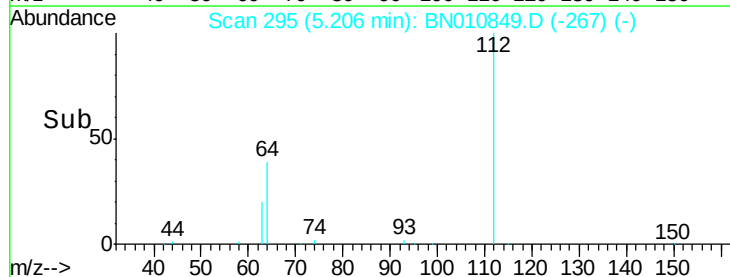
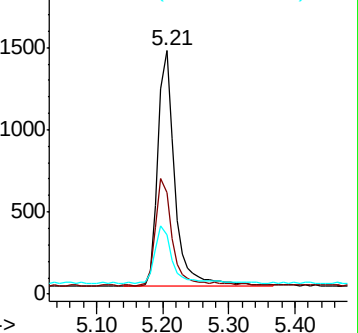
63 25.7 22.2 33.4

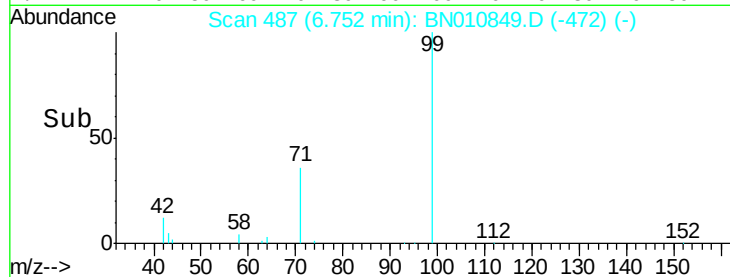
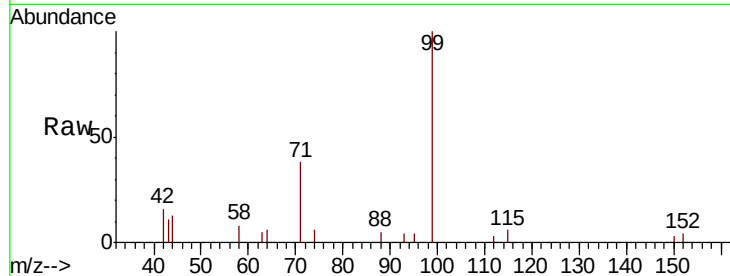
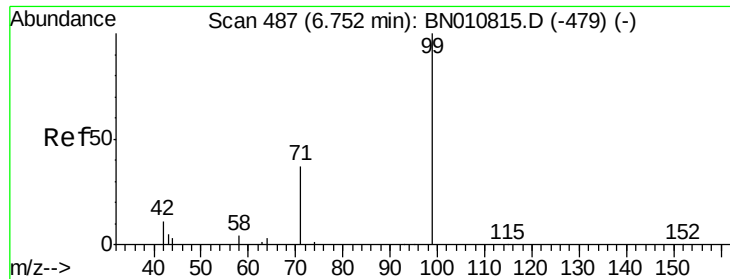


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.491 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

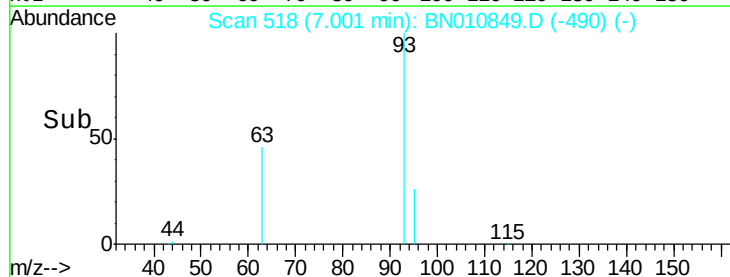
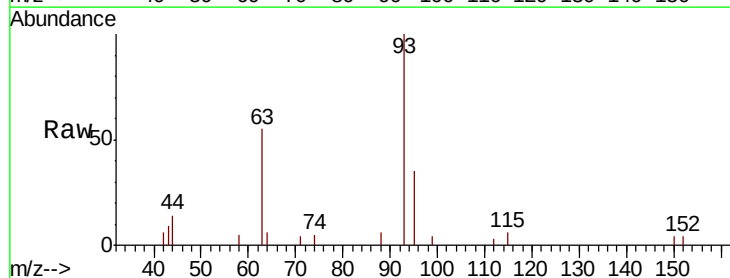
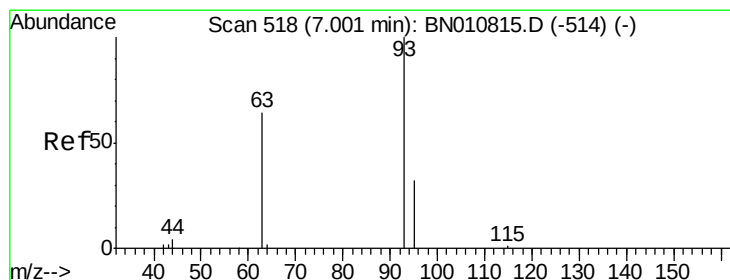
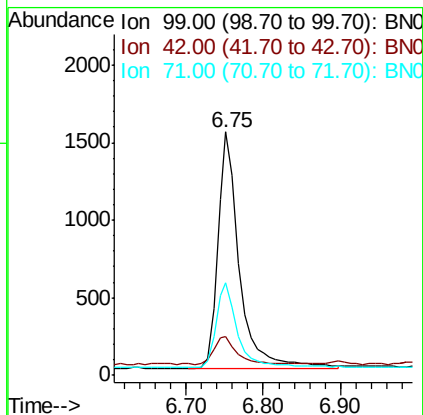
Tot Ion: 99 Resp: 2961

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

71 36.2 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.473 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

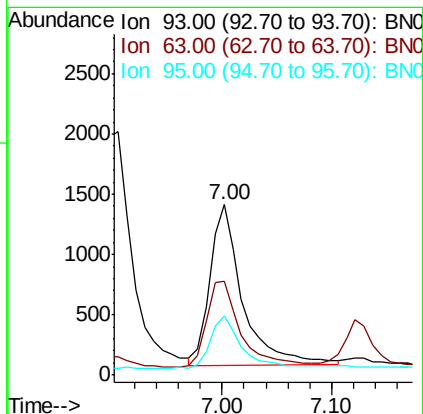
Tgt Ion: 93 Resp: 2784

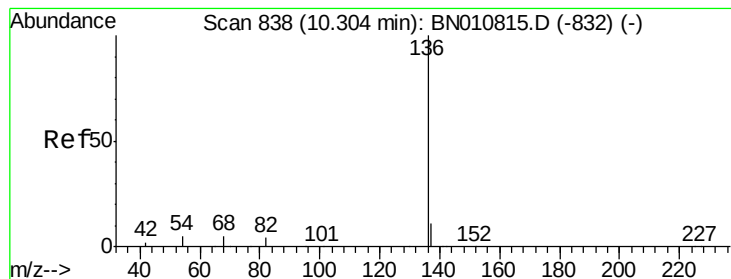
Ion Ratio Lower Upper

93 100

63 56.0 49.4 74.2

95 31.1 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.03 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 9341

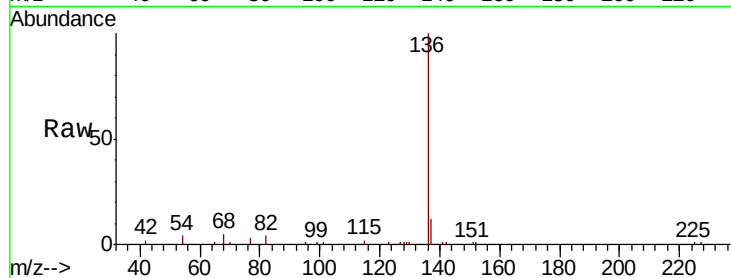
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 4.4 4.9 7.3#

68 5.1 4.7 7.1

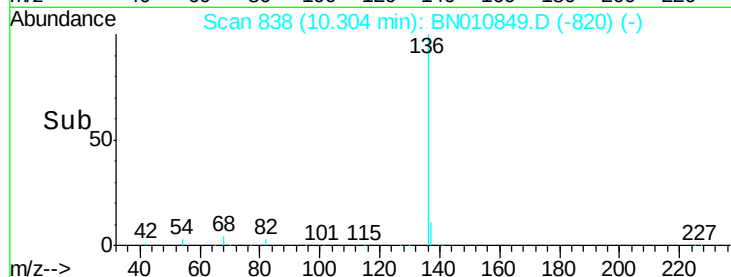


Abundance Ion 136.00 (135.70 to 136.70): E

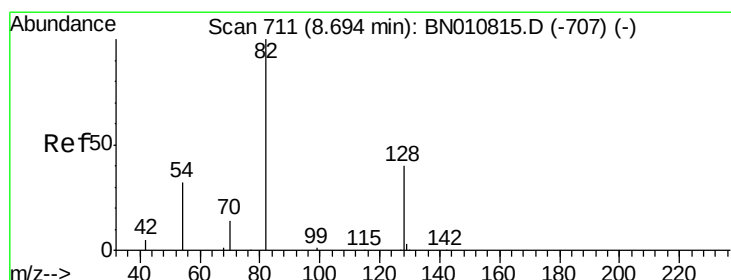
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.413 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.03 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

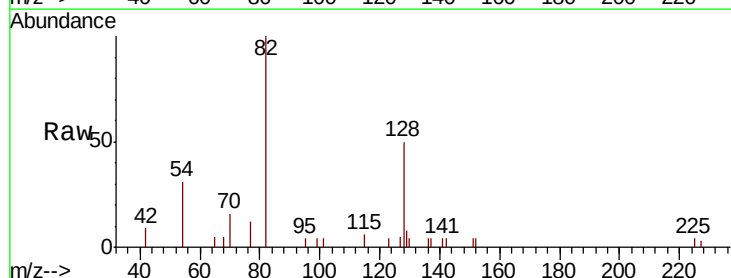
Tgt Ion: 82 Resp: 2855

Ion Ratio Lower Upper

82 100

128 49.6 35.4 53.0

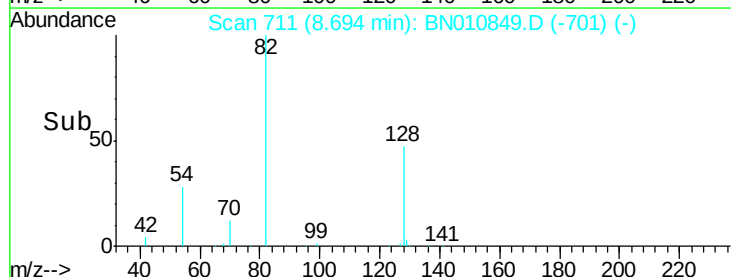
54 30.9 28.2 42.4



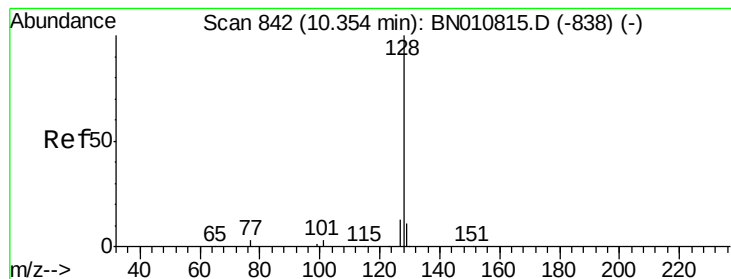
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.430 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.03 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

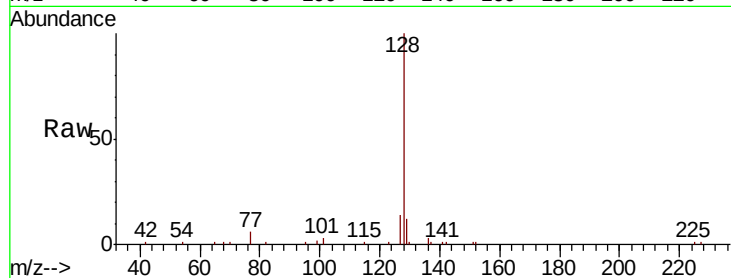
Tot Ion:128 Resp: 10103

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

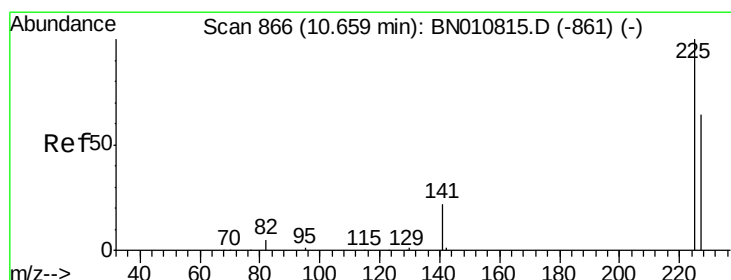
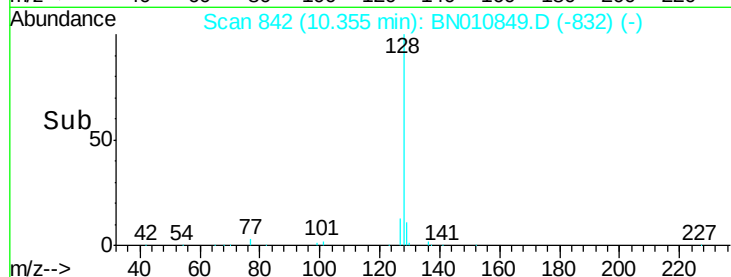
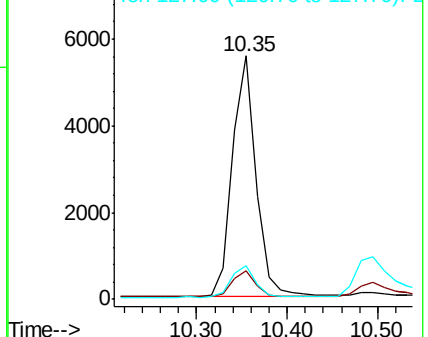
127 13.8 11.4 17.2



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: 0.403 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.03 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

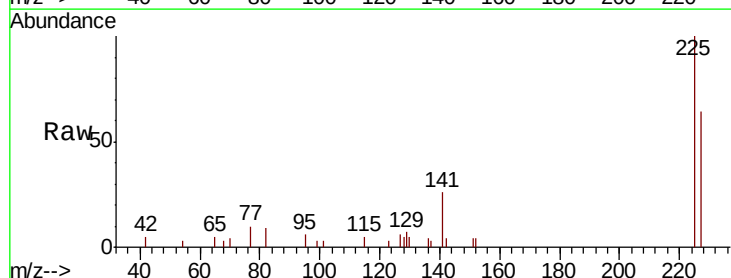
Tgt Ion:225 Resp: 2339

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

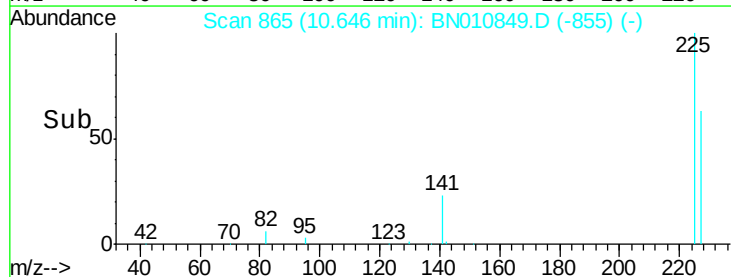
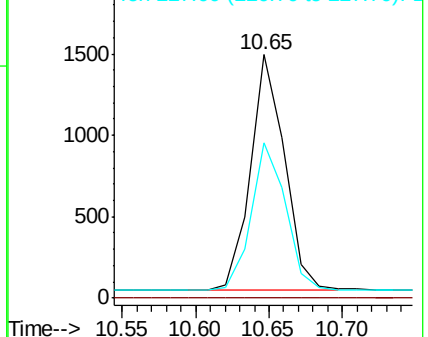
227 63.6 50.5 75.7

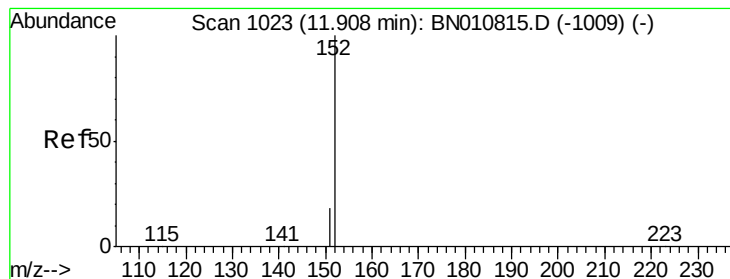


Abundance Ion 225.00 (224.70 to 225.70): E

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. 0.03 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

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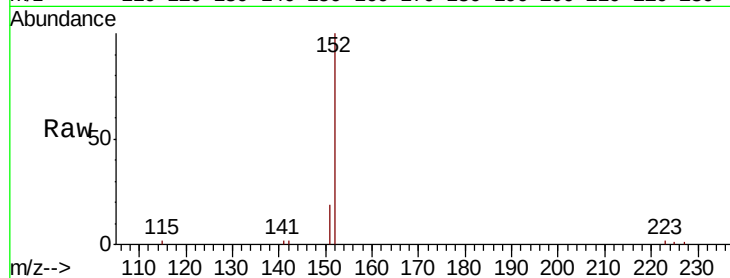
SSTDCCC0.4EC

Tot Ion:152 Resp: 6138

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

11.90

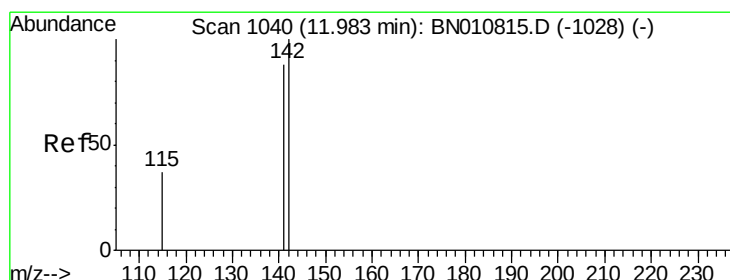
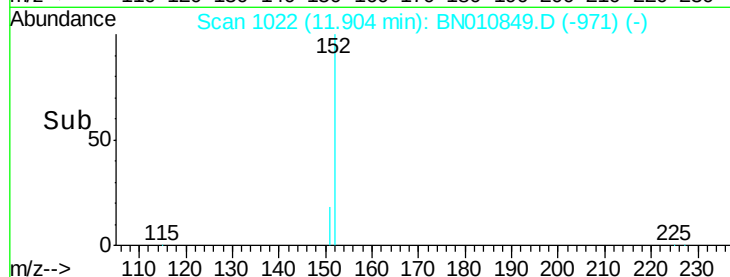
3000

2000

1000

0

Time--> 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.422 ng

RT: 11.97 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

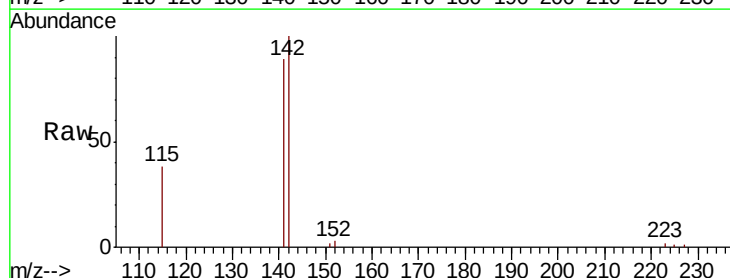
Tgt Ion:142 Resp: 6635

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

115 37.9 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

4000

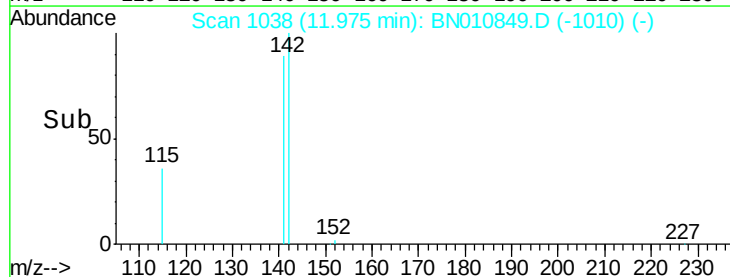
3000

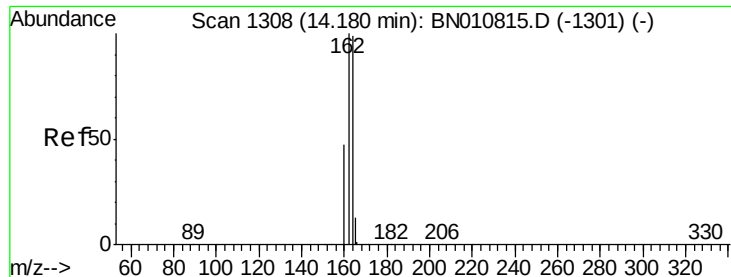
2000

1000

0

Time--> 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1307

Delta R.T. 0.03 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

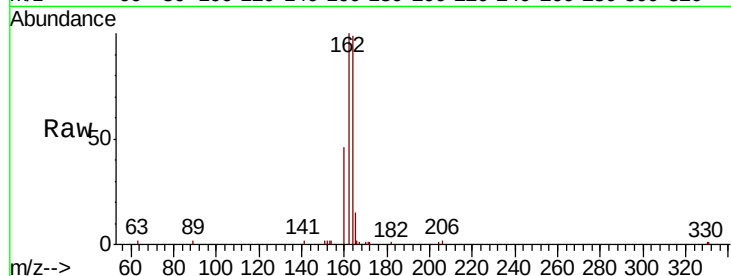
Tot Ion:164 Resp: 5142

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

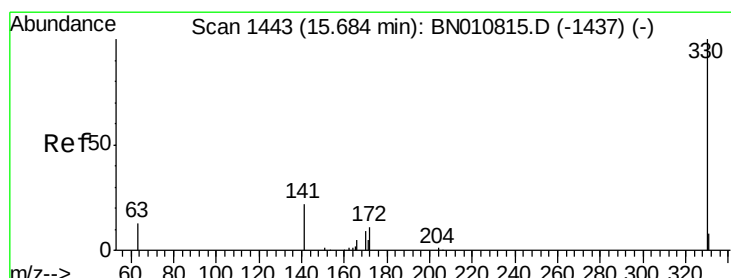
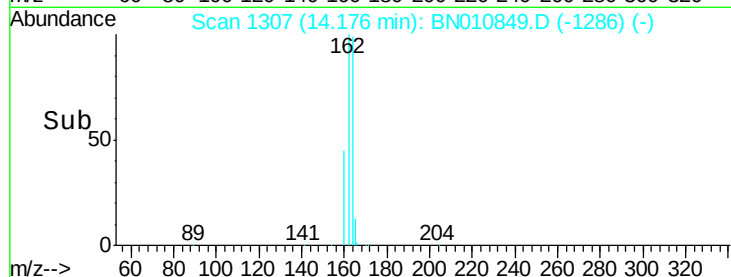
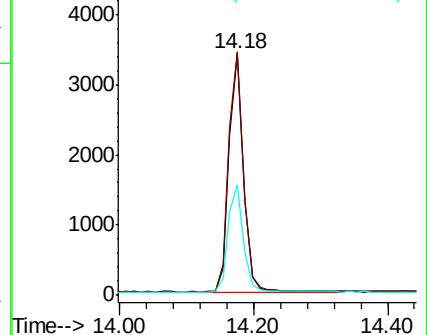
160 45.9 38.9 58.3



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

2,4,6-Tribromophenol

Concen: 0.402 ng

RT: 15.68 min Scan# 1442

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

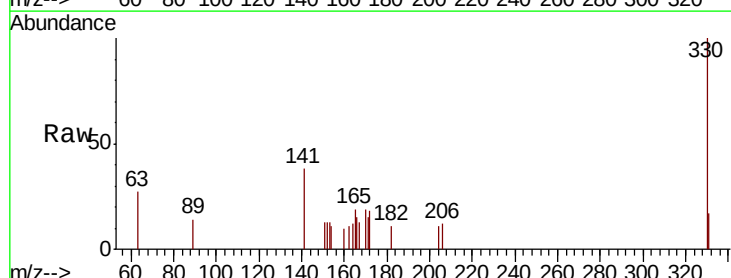
Tgt Ion:330 Resp: 740

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

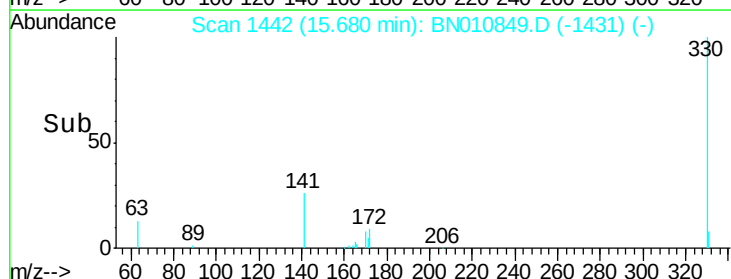
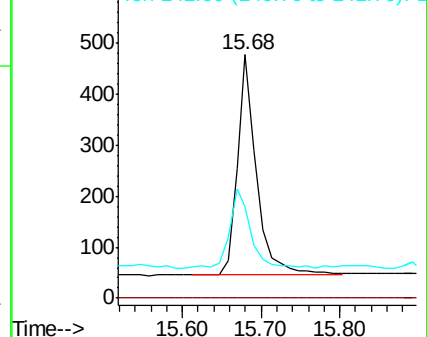
141 40.0 33.2 49.8

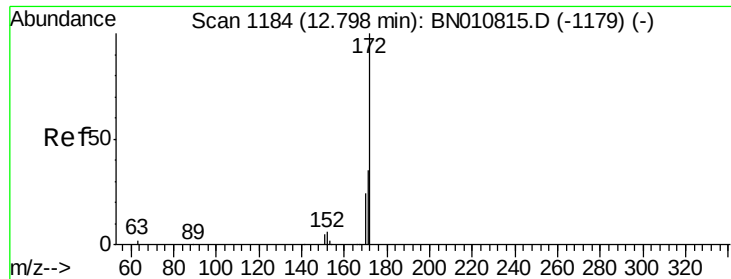


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

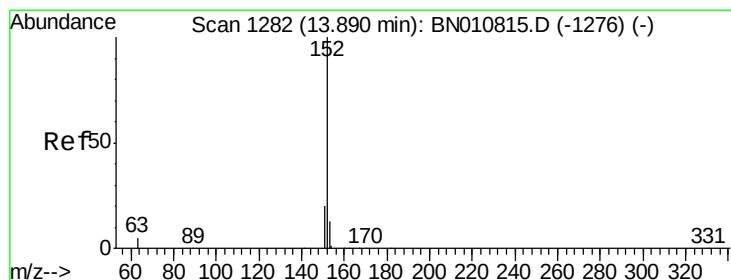
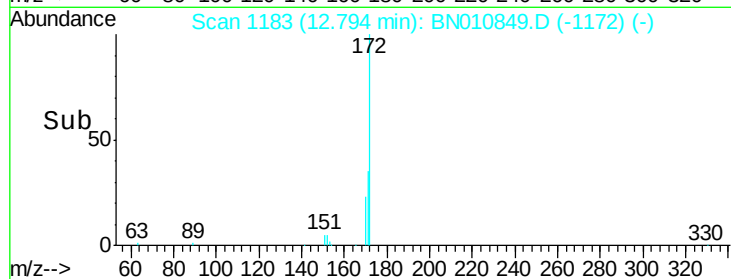
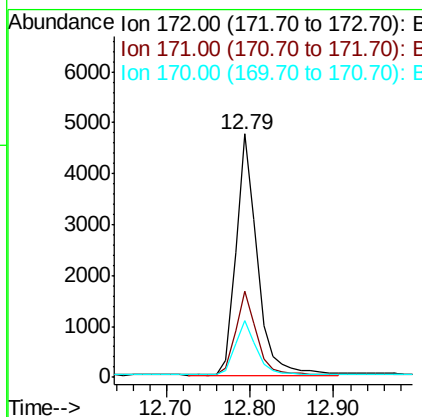
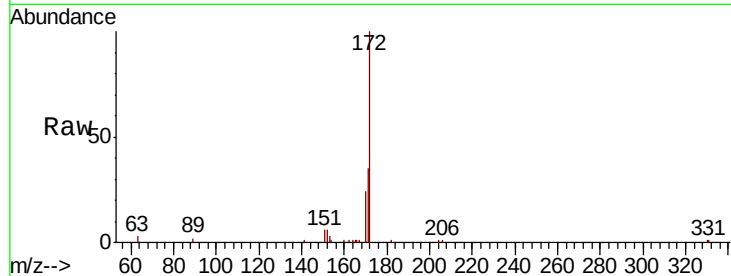




#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

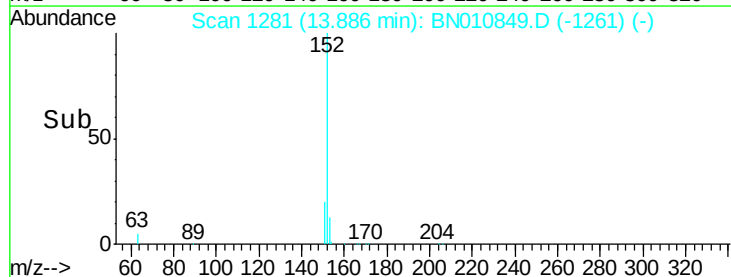
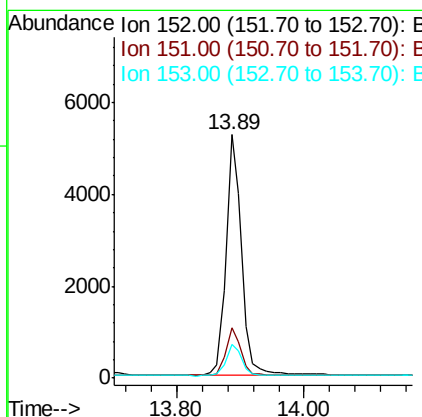
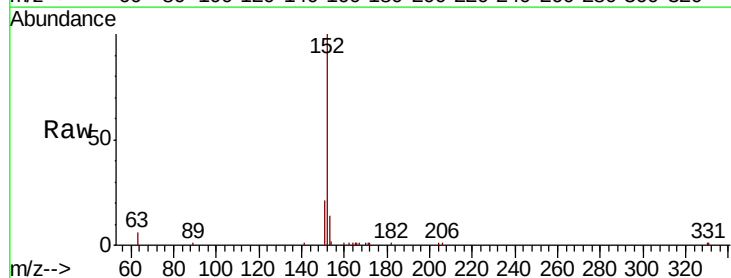
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

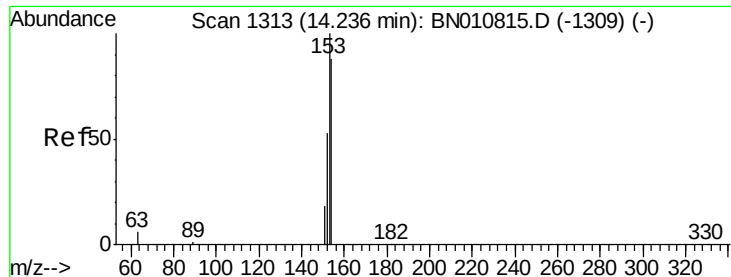
Tot Ion:172 Resp: 8355
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 19.7 29.5



#16
Acenaphthylene
Concen: 0.420 ng
RT: 13.89 min Scan# 1281
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:152 Resp: 8839
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.413 ng

RT: 14.23 min Scan# 1312

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

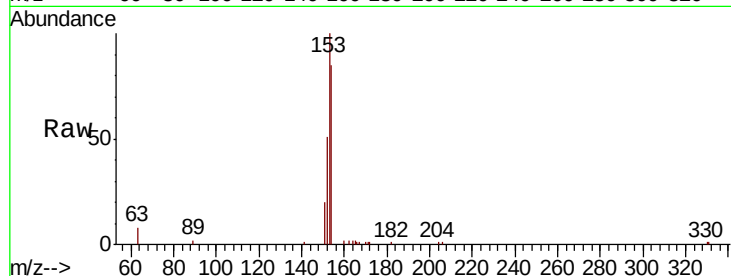
Tot Ion:154 Resp: 5938

Ion Ratio Lower Upper

154 100

153 114.4 91.8 137.6

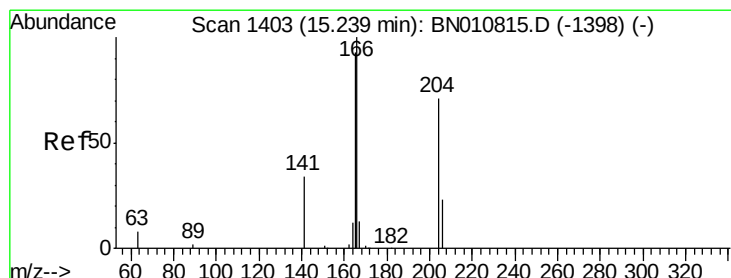
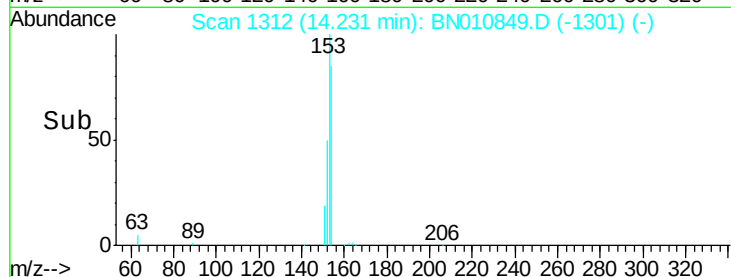
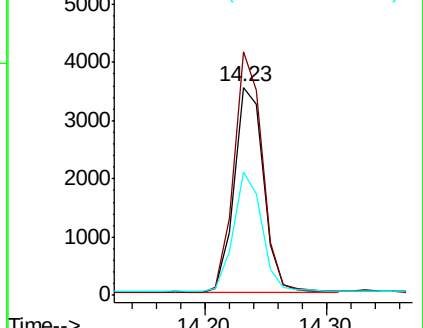
152 57.4 47.6 71.4



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: 0.406 ng

RT: 15.23 min Scan# 1402

Delta R.T. 0.03 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

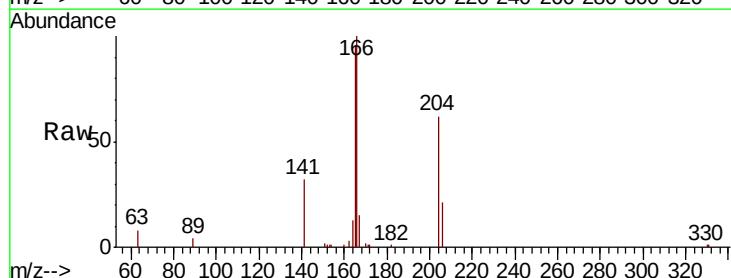
Tgt Ion:166 Resp: 7526

Ion Ratio Lower Upper

166 100

165 98.2 77.2 115.8

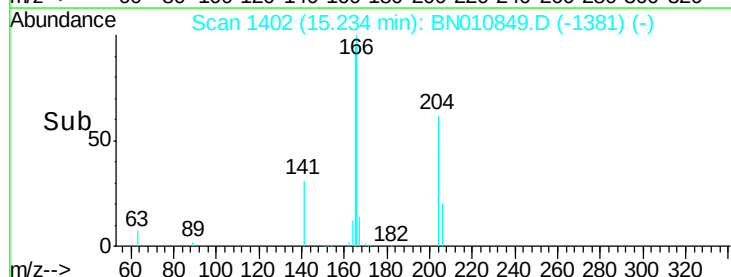
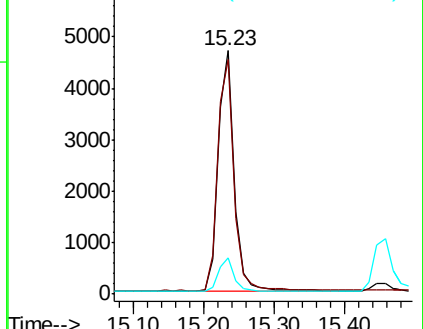
167 13.9 10.7 16.1

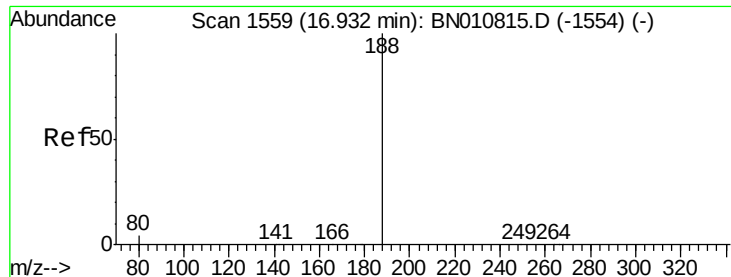


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.93 min Scan# 1558

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

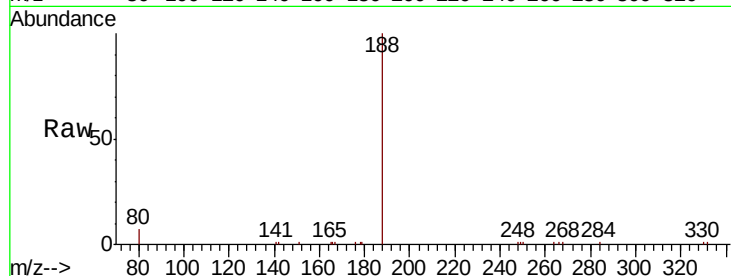
Tot Ion:188 Resp: 10424

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

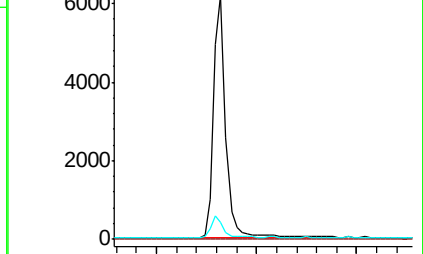
80 6.9 4.5 6.7#



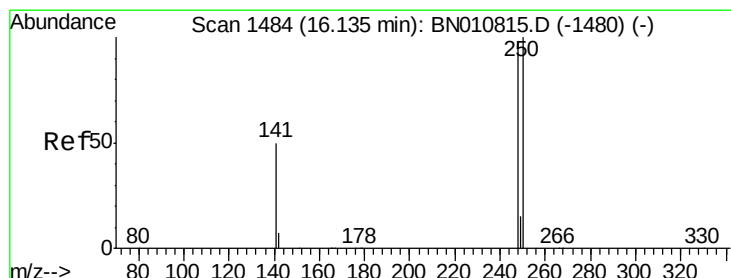
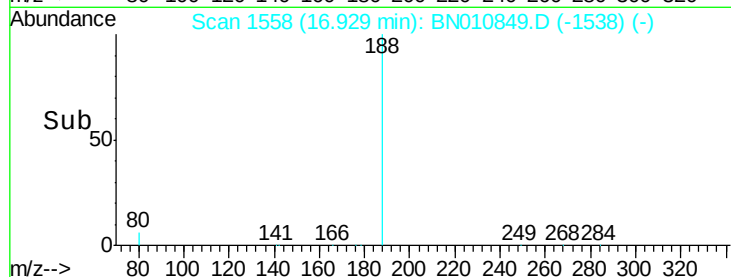
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.384 ng

RT: 16.13 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

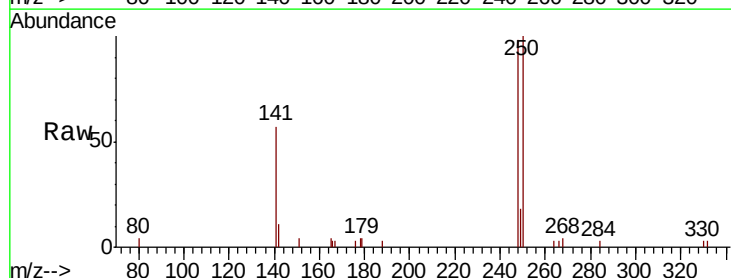
Tgt Ion:248 Resp: 2407

Ion Ratio Lower Upper

248 100

250 102.0 81.8 122.8

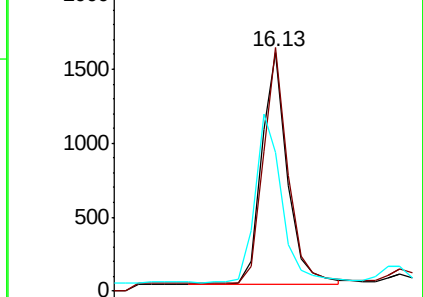
141 57.9 42.6 64.0



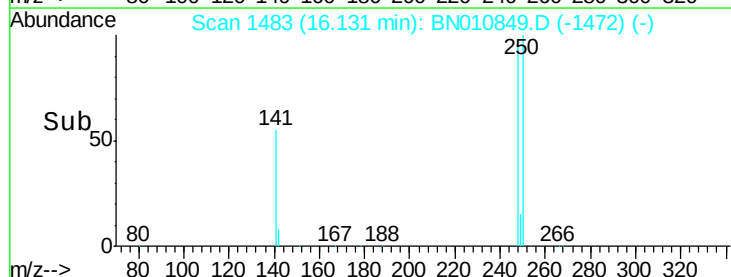
Abundance Ion 248.00 (247.70 to 248.70): E

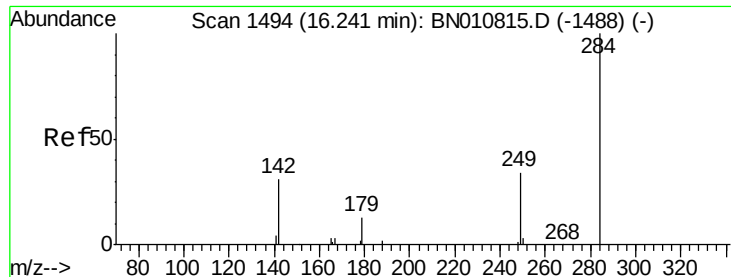
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 16.24 min Scan# 1493

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

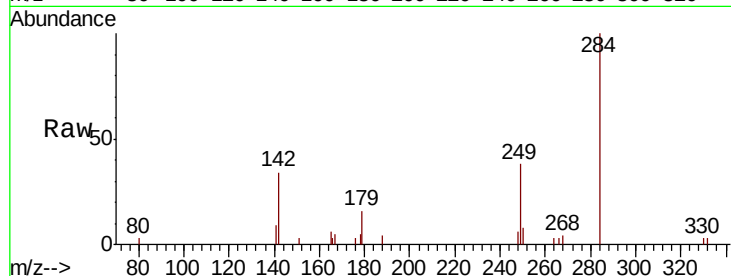
Tot Ion:284 Resp: 2711

Ion Ratio Lower Upper

284 100

142 35.2 31.0 46.4

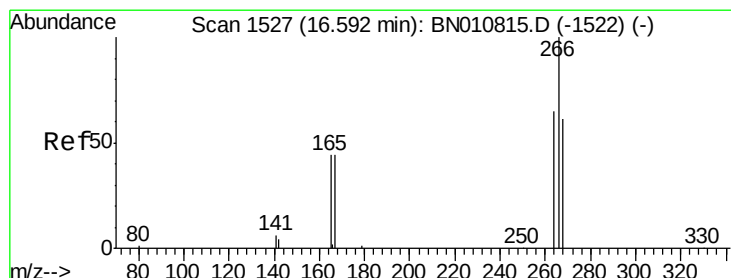
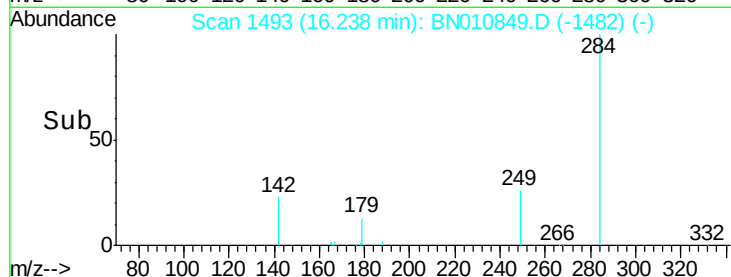
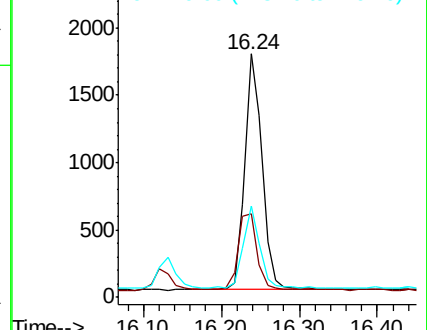
249 33.1 27.1 40.7



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: 0.382 ng

RT: 16.59 min Scan# 1526

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

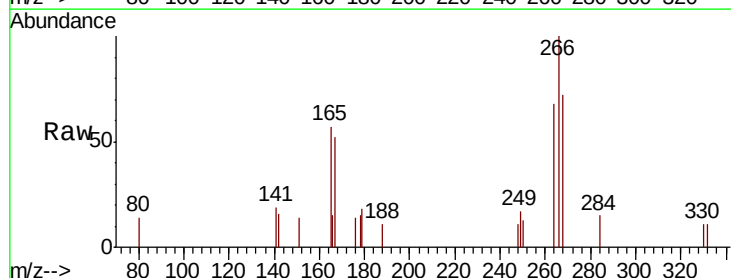
Tgt Ion:266 Resp: 839

Ion Ratio Lower Upper

266 100

264 68.5 54.8 82.2

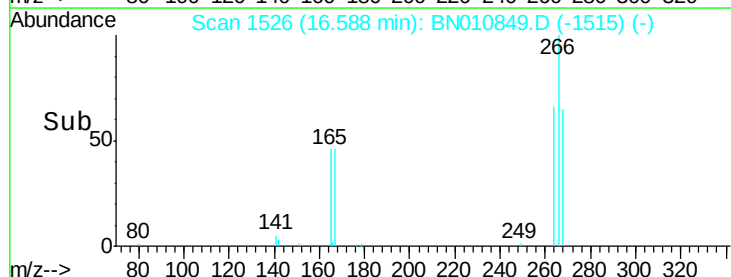
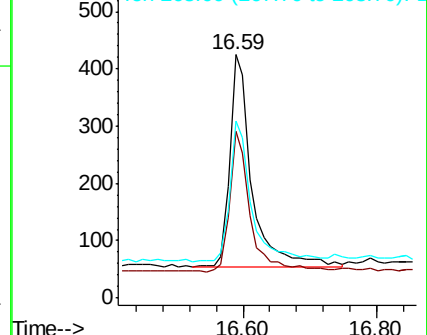
268 72.5 55.9 83.9

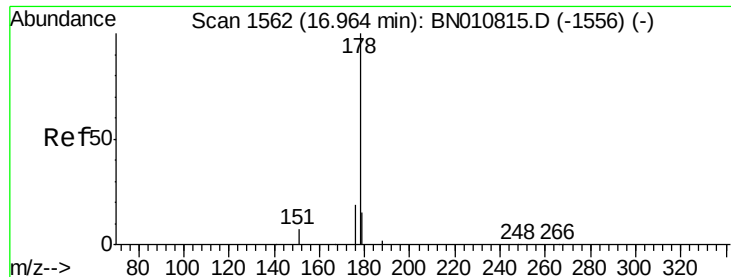


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.411 ng

RT: 16.97 min Scan# 1562

Delta R.T. 0.03 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

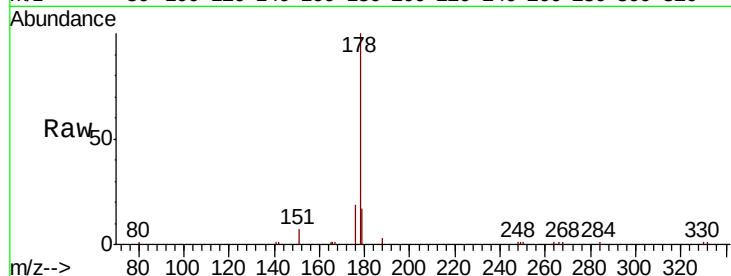
Tot Ion:178 Resp: 11693

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

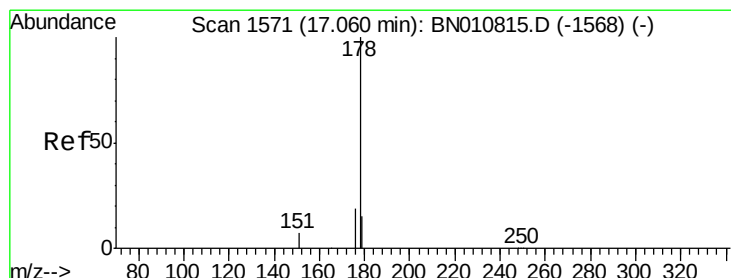
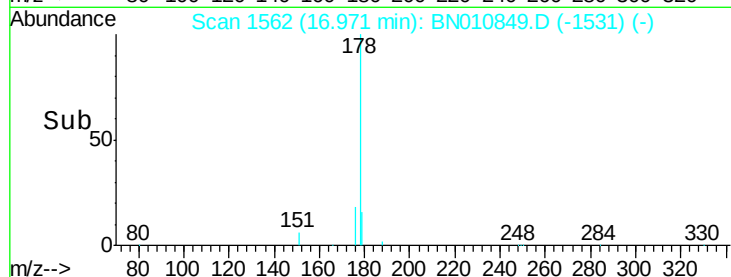
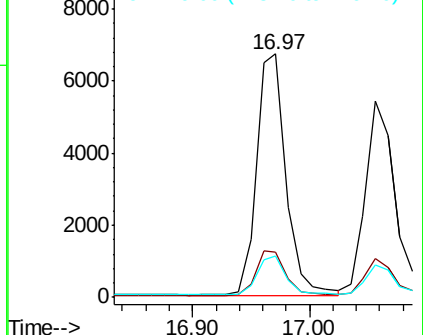
179 15.5 12.6 19.0



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: 0.410 ng

RT: 17.06 min Scan# 1570

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

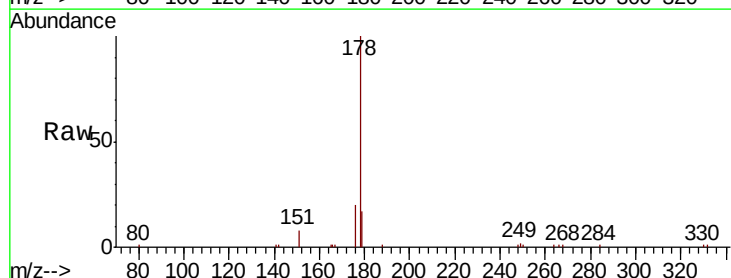
Tgt Ion:178 Resp: 9754

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

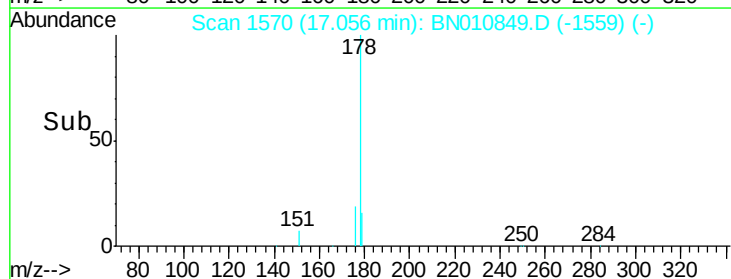
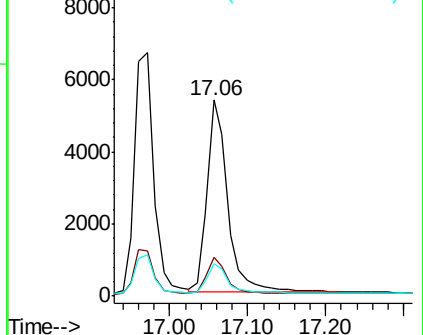
179 15.0 12.3 18.5

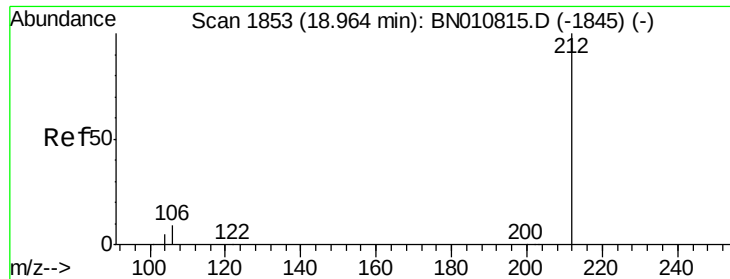


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

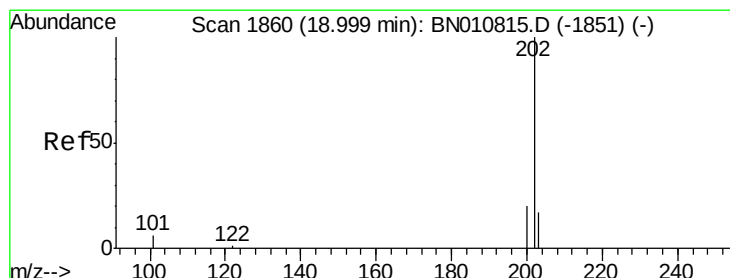
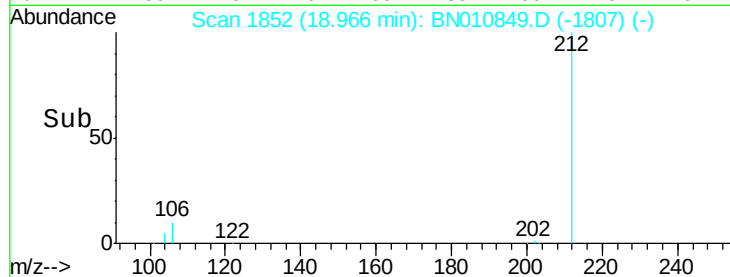
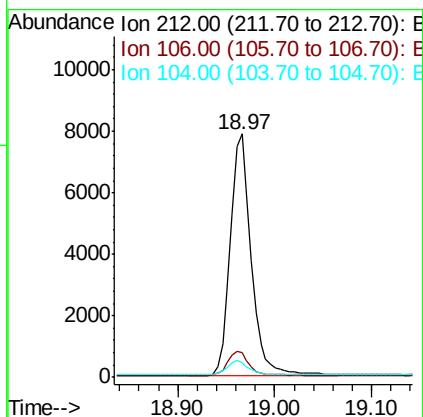
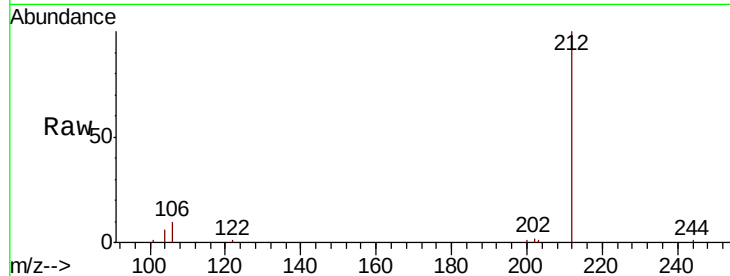




#25
 Fluoranthene-d10
 Concen: 0.415 ng
 RT: 18.97 min Scan# 1852
 Delta R.T. 0.02 min
 Lab File: BN010849.D
 Acq: 12 Jun 2020 18:20

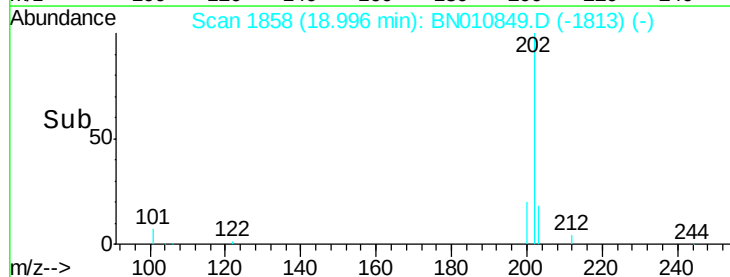
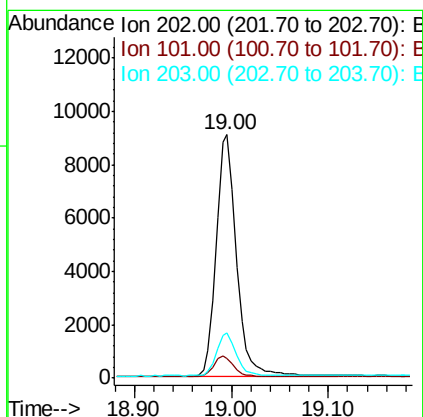
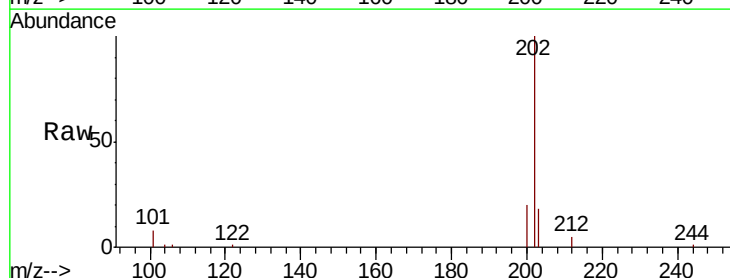
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

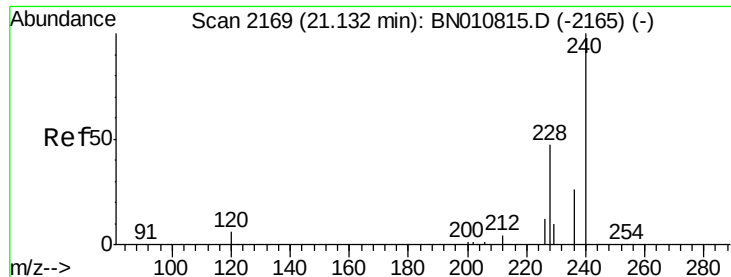
Tot Ion:212 Resp: 11945
 Ion Ratio Lower Upper
 212 100
 106 10.3 6.6 10.0#
 104 5.9 4.0 6.0



#26
 Fluoranthene
 Concen: 0.413 ng
 RT: 19.00 min Scan# 1858
 Delta R.T. 0.02 min
 Lab File: BN010849.D
 Acq: 12 Jun 2020 18:20

Tgt Ion:202 Resp: 13343
 Ion Ratio Lower Upper
 202 100
 101 8.5 5.8 8.6
 203 17.3 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

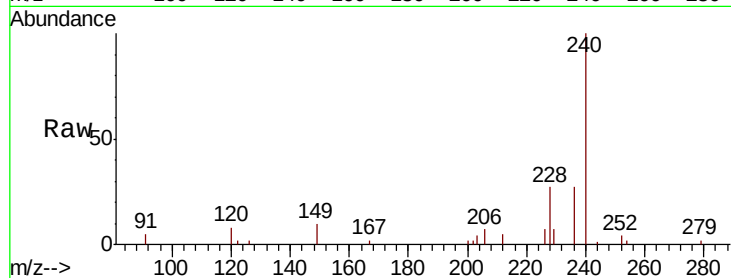
Tot Ion:240 Resp: 9940

Ion Ratio Lower Upper

240 100

120 8.5 7.5 11.3

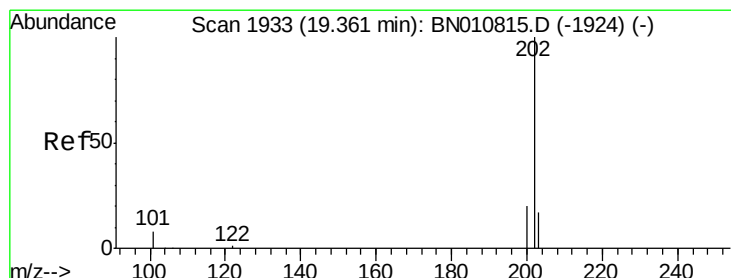
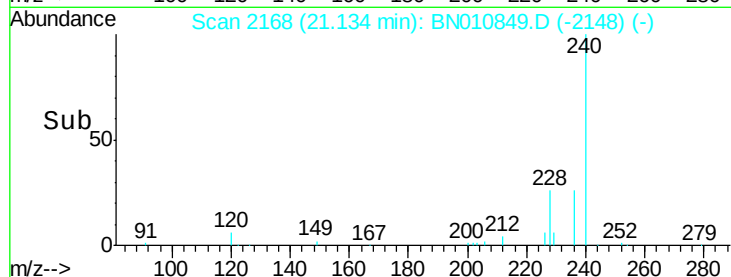
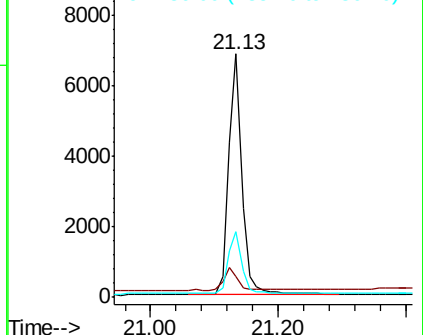
236 27.2 22.3 33.5



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: 0.408 ng

RT: 19.36 min Scan# 1931

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

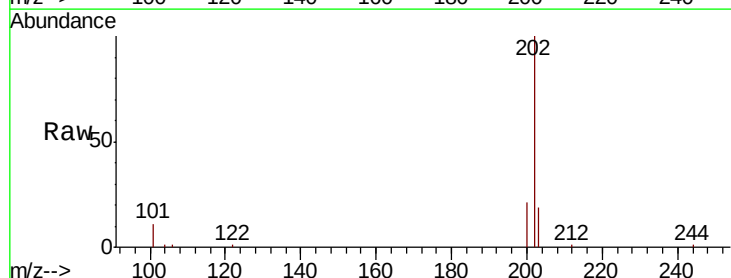
Tgt Ion:202 Resp: 13404

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

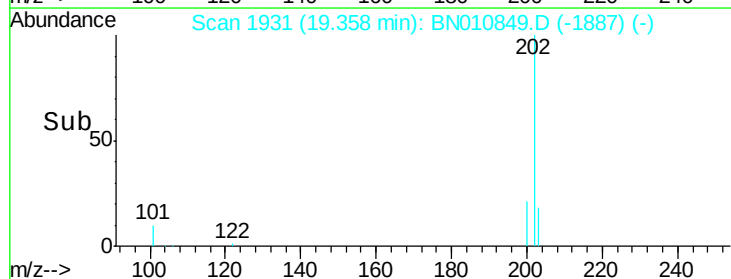
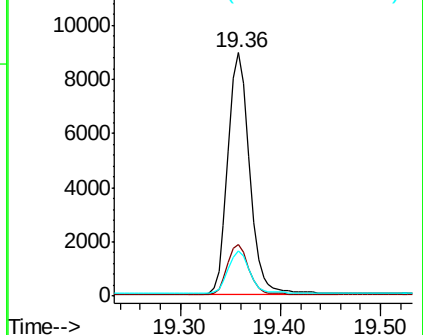
203 17.7 14.2 21.4

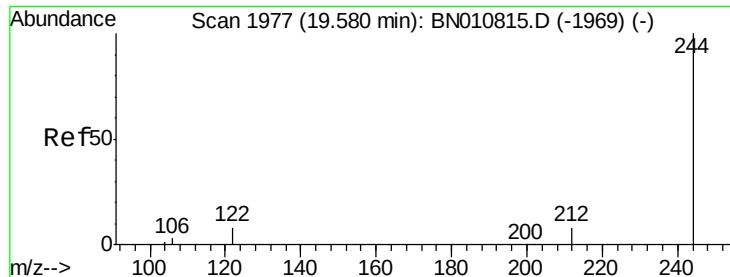


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.58 min Scan# 1975

Delta R.T. 0.01 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

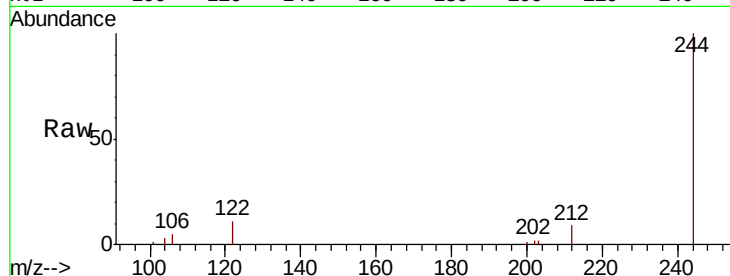
Tot Ion:244 Resp: 9413

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

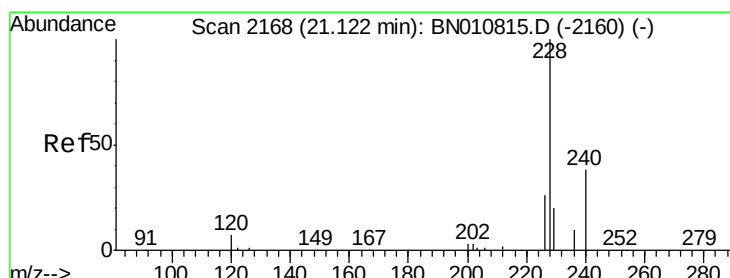
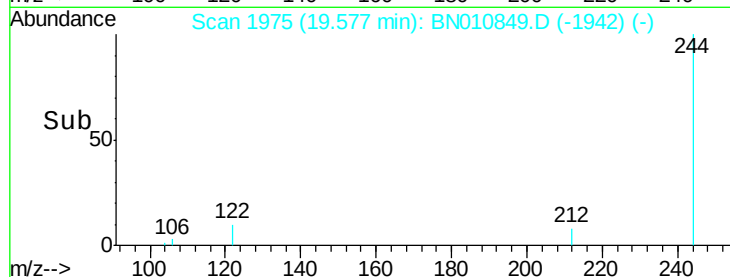
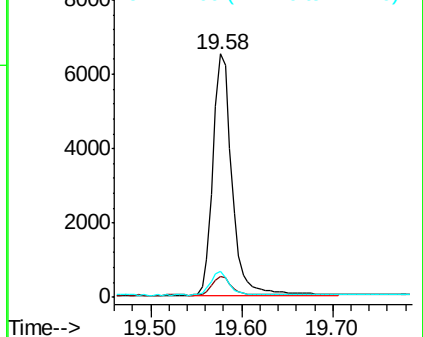
122 10.6 7.5 11.3



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: 0.431 ng

RT: 21.11 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

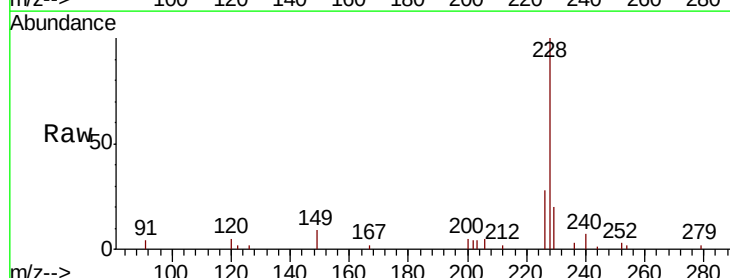
Tgt Ion:228 Resp: 12596

Ion Ratio Lower Upper

228 100

226 28.2 21.3 31.9

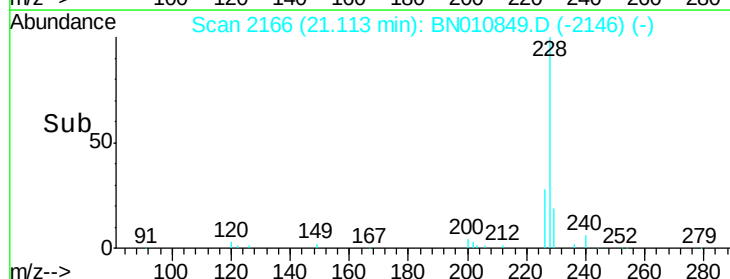
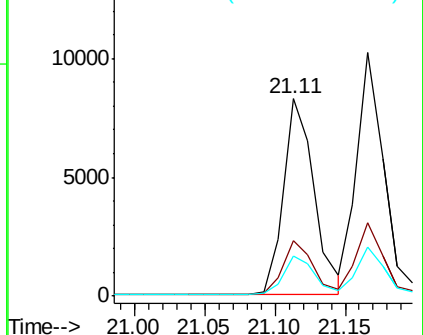
229 20.1 16.6 24.8

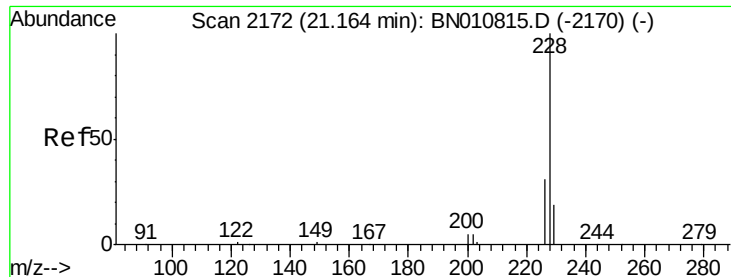


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

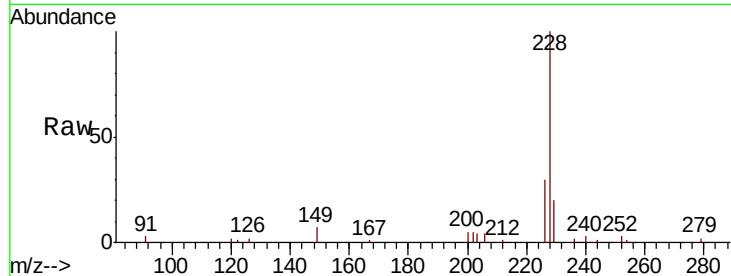




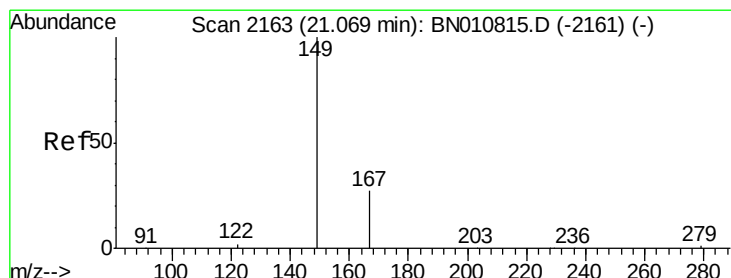
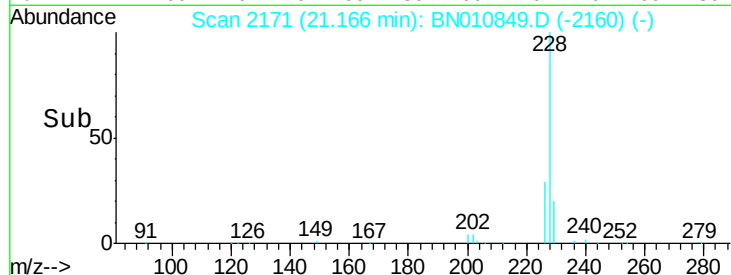
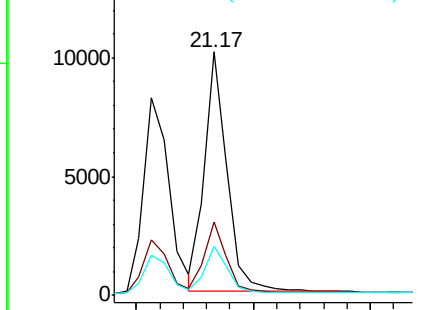
#31
 Chrysene
 Concen: 0.399 ng
 RT: 21.17 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: BN010849.D
 Acq: 12 Jun 2020 18:20

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:228 Resp: 13586
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 20.2 16.1 24.1

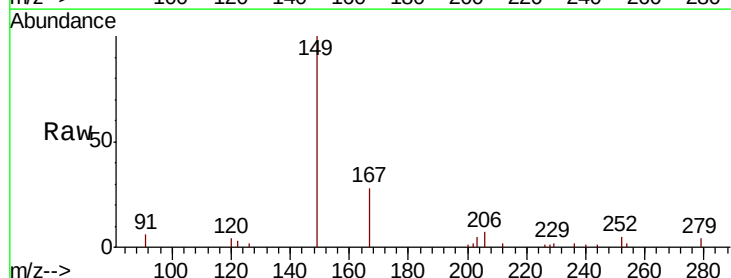


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

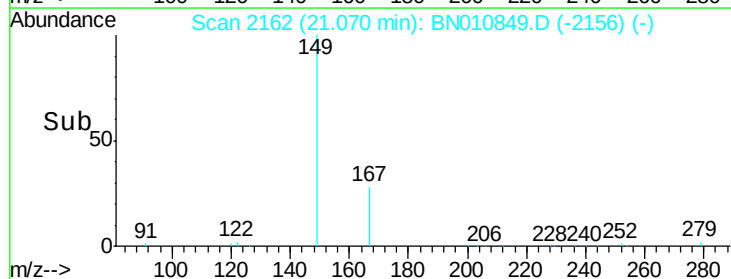
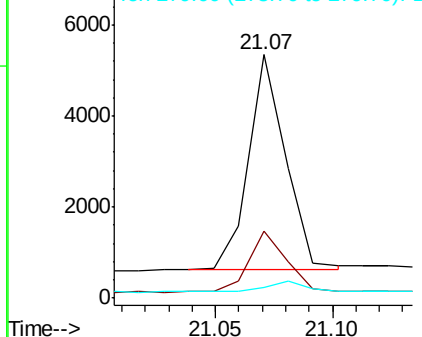


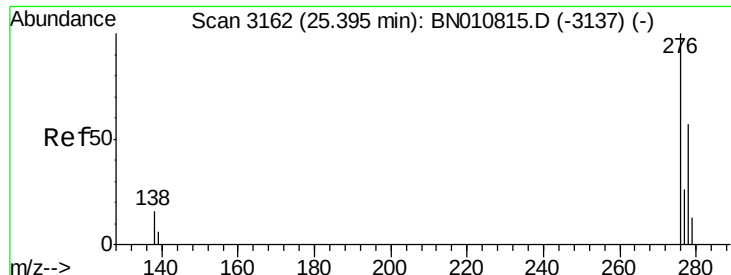
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.533 ng
 RT: 21.07 min Scan# 2162
 Delta R.T. 0.01 min
 Lab File: BN010849.D
 Acq: 12 Jun 2020 18:20

Tgt Ion:149 Resp: 5189
 Ion Ratio Lower Upper
 149 100
 167 28.8 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

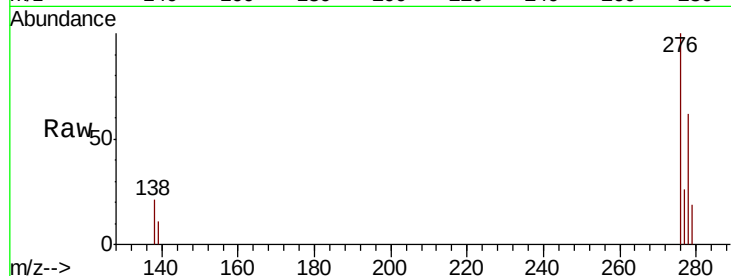




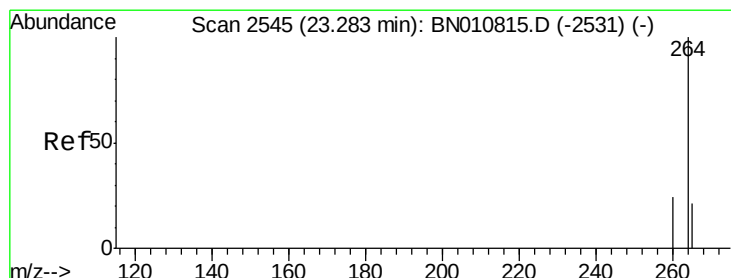
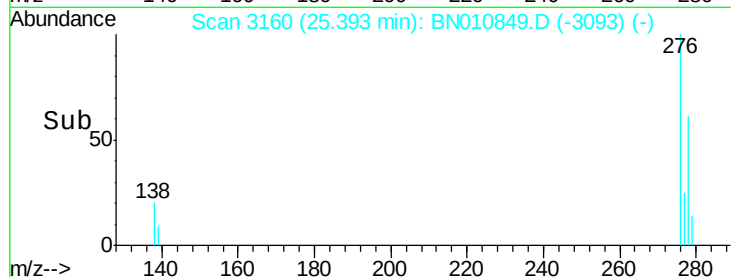
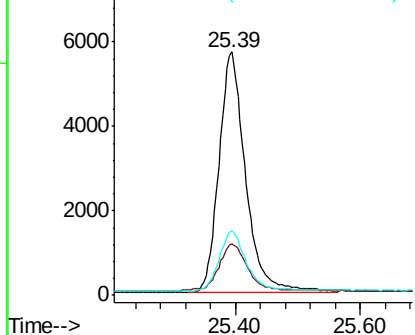
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.446 ng
 RT: 25.39 min Scan# 3160
 Delta R.T. 0.03 min
 Lab File: BN010849.D
 Acq: 12 Jun 2020 18:20

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 16963
 Ion Ratio Lower Upper
 276 100
 138 21.3 13.0 19.6#
 277 25.2 19.7 29.5

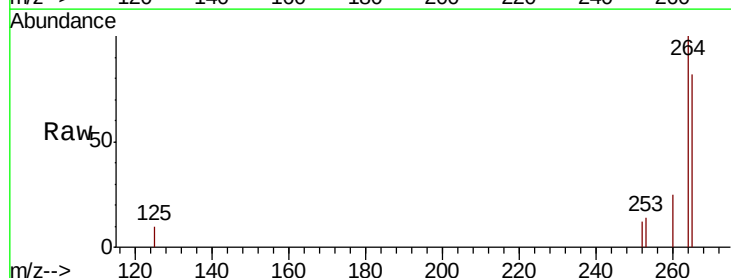


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

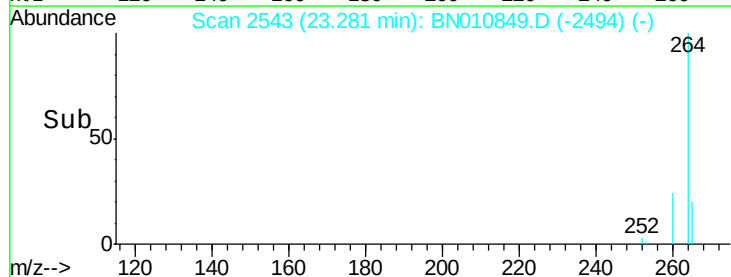
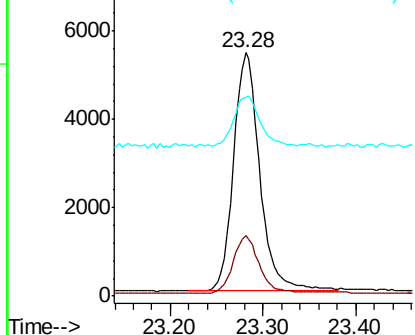


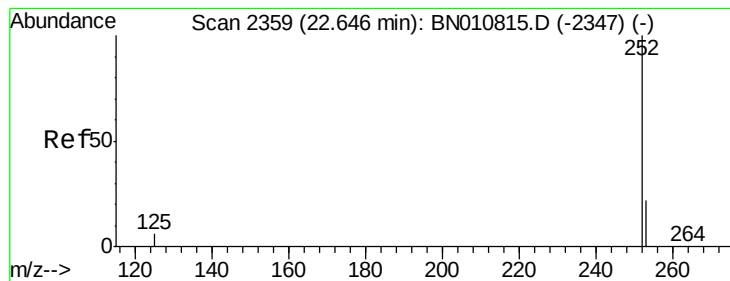
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2543
 Delta R.T. 0.02 min
 Lab File: BN010849.D
 Acq: 12 Jun 2020 18:20

Tgt Ion:264 Resp: 10642
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.4 30.6
 265 81.9 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: 0.394 ng

RT: 22.64 min Scan# 2357

Delta R.T. 0.01 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

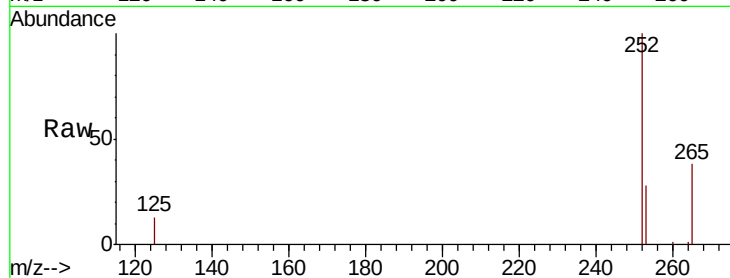
Tot Ion:252 Resp: 14271

Ion Ratio Lower Upper

252 100

253 27.7 22.4 33.6

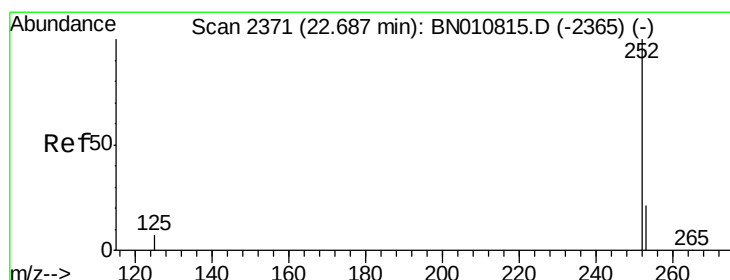
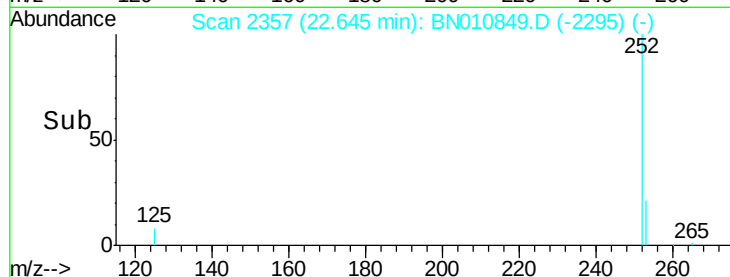
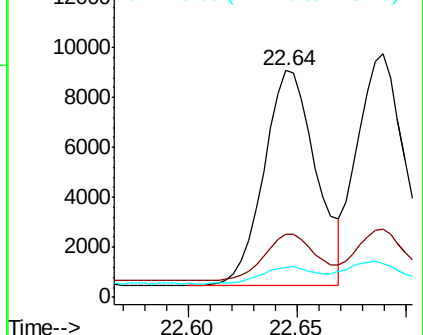
125 13.5 9.4 14.0



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: 0.385 ng

RT: 22.69 min Scan# 2370

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

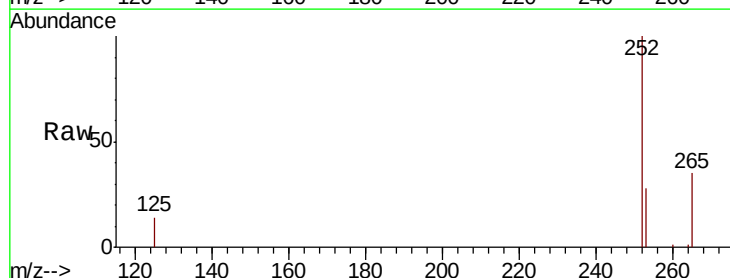
Tgt Ion:252 Resp: 14855

Ion Ratio Lower Upper

252 100

253 27.8 22.2 33.4

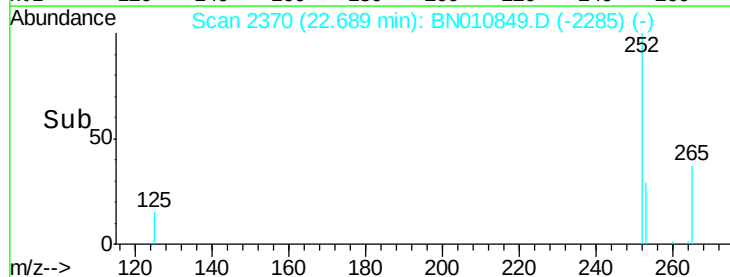
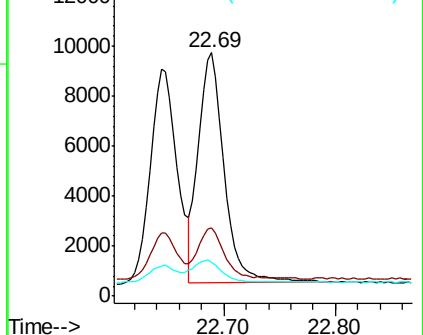
125 14.1 9.8 14.8

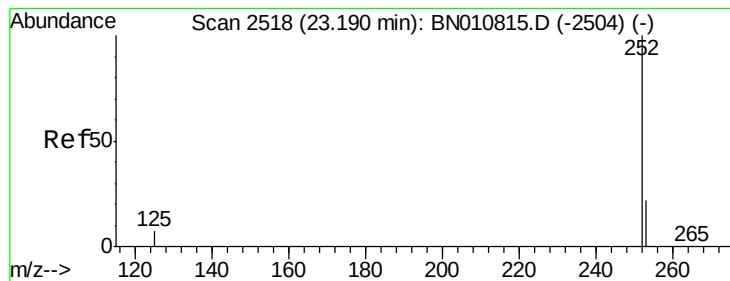


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.414 ng

RT: 23.19 min Scan# 2516

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

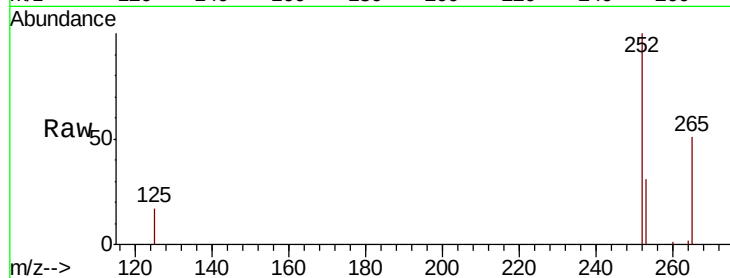
Tot Ion:252 Resp: 12835

Ion Ratio Lower Upper

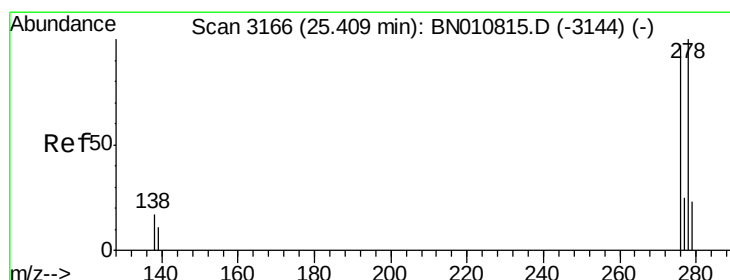
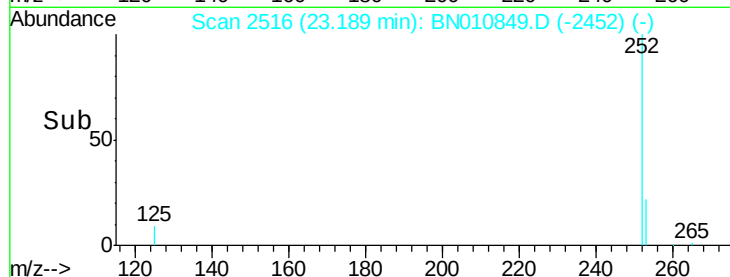
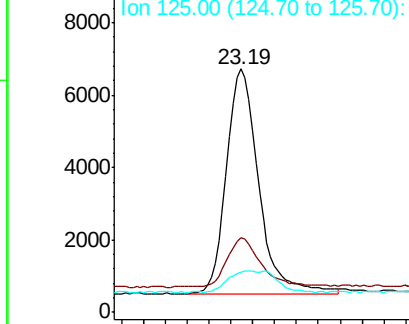
252 100

253 30.5 25.8 38.8

125 16.6 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: 0.381 ng

RT: 25.41 min Scan# 3164

Delta R.T. 0.02 min

Lab File: BN010849.D

Acq: 12 Jun 2020 18:20

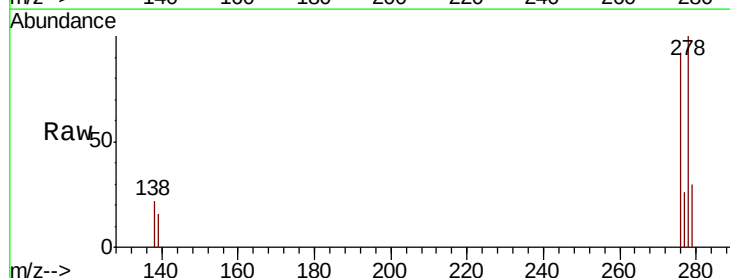
Tgt Ion:278 Resp: 13481

Ion Ratio Lower Upper

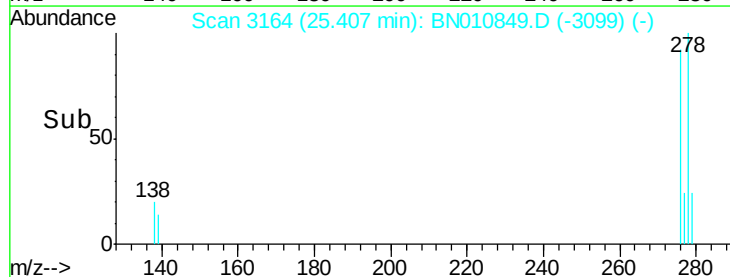
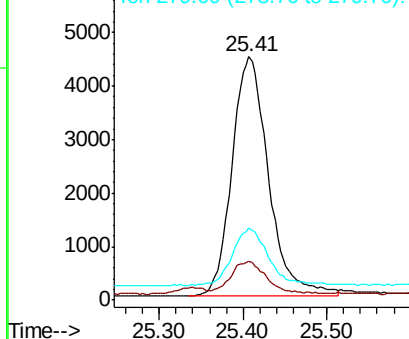
278 100

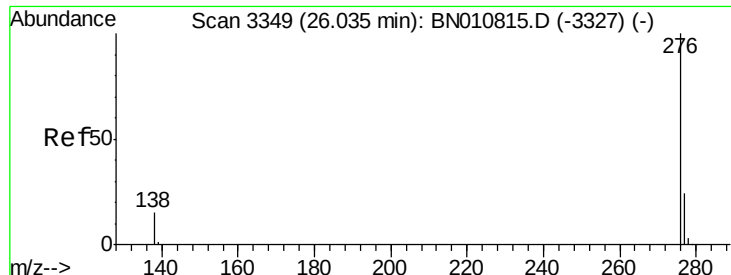
139 15.8 10.6 15.8

279 29.6 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: 0.384 ng

RT: 26.03 min Scan# 3347

Delta R.T. 0.04 min

Lab File: BN010849.D

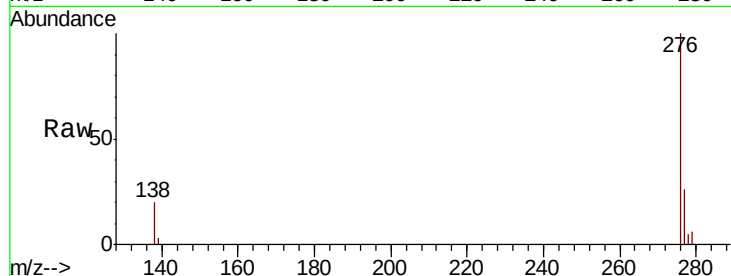
Acq: 12 Jun 2020 18:20

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 14194

Ion Ratio Lower Upper

276 100

277 25.5 20.5 30.7

138 19.6 13.7 20.5

