

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
 Data File : BN010327.D
 Acq On : 24 Mar 2020 15:39
 Operator : CG/JU
 Sample : L1997-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20200315MS

Quant Time: Mar 24 16:17:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4626	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	15711	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9021	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	21361	0.40	ng	0.00
27) Chrysene-d12	21.18	240	23286	0.40	ng	0.00
34) Perylene-d12	23.36	264	22785	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1365	0.15	ng	0.00
5) Phenol-d6	6.80	99	1051	0.09	ng	0.00
8) Nitrobenzene-d5	8.74	82	5993	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	11013	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1131	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	22483	0.65	ng	0.00
25) Fluoranthene-d10	19.02	212	20754	0.32	ng	0.00
29) Terphenyl-d14	19.63	244	26736	0.53	ng	0.00

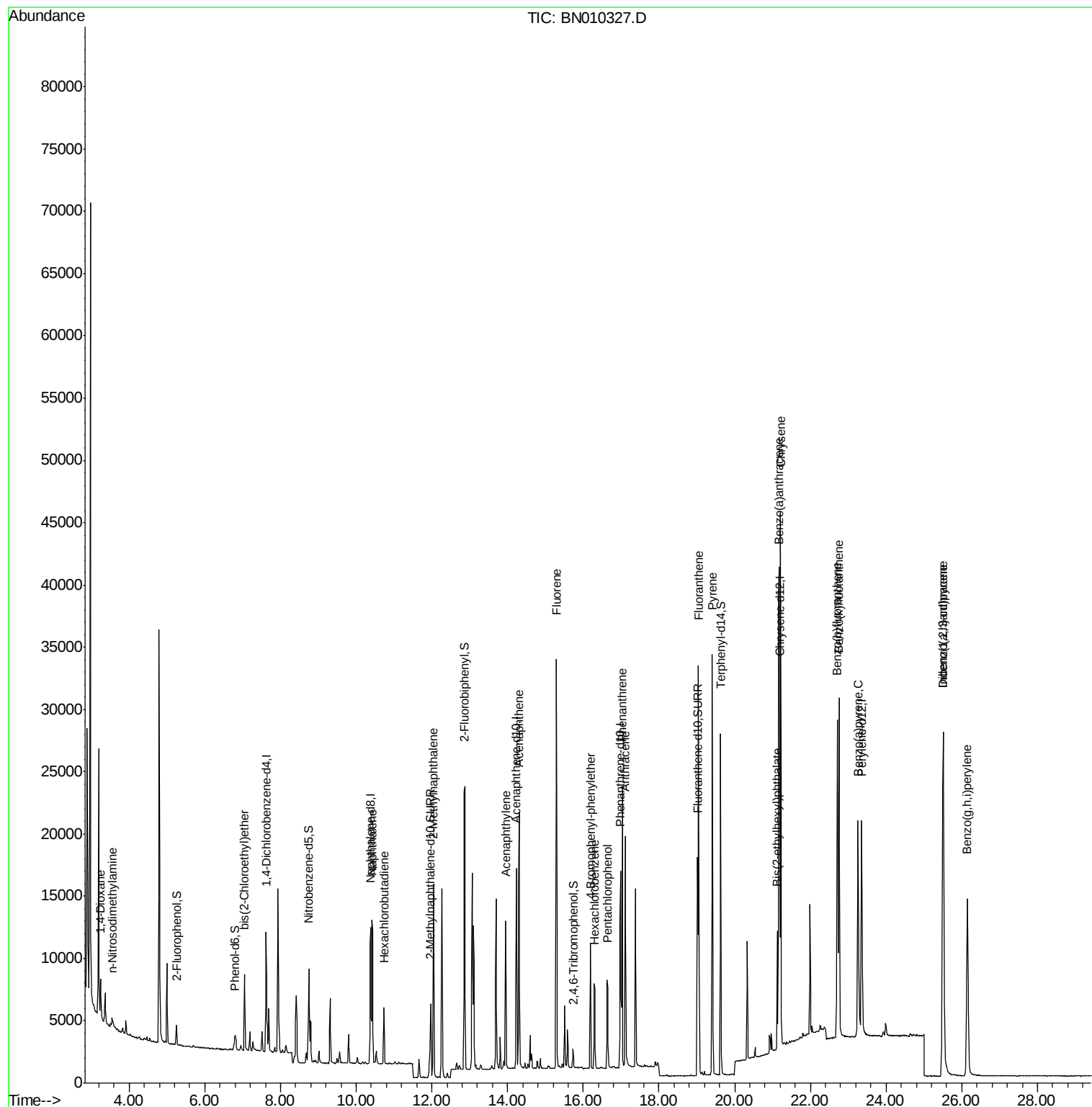
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1902	0.438	ng	# 89
3) n-Nitrosodimethylamine	3.55	42	750	0.204	ng	# 82
6) bis(2-Chloroethyl)ether	7.05	93	4567	0.417	ng	99
9) Naphthalene	10.42	128	16311	0.416	ng	98
10) Hexachlorobutadiene	10.73	225	3844	0.405	ng	# 97
12) 2-Methylnaphthalene	12.04	142	11129	0.410	ng	97
16) Acenaphthylene	13.96	152	14455	0.408	ng	99
17) Acenaphthene	14.30	154	10395	0.412	ng	99
18) Fluorene	15.29	166	13769	0.411	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	5006	0.386	ng	91
21) Hexachlorobenzene	16.30	284	5483	0.412	ng	99
22) Pentachlorophenol	16.65	266	3875	0.851	ng	98
23) Phenanthrene	17.03	178	24356	0.415	ng	100
24) Anthracene	17.11	178	19956	0.397	ng	99
26) Fluoranthene	19.05	202	29970	0.417	ng	100
28) Pyrene	19.41	202	30418	0.420	ng	100
30) Benzo(a)anthracene	21.16	228	29836	0.402	ng	98
31) Chrysene	21.22	228	32747	0.412	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	8709	0.348	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	33284	0.391	ng	99
35) Benzo(b)fluoranthene	22.71	252	31009	0.401	ng	99
36) Benzo(k)fluoranthene	22.76	252	34355	0.436	ng	98
37) Benzo(a)pyrene	23.26	252	27470	0.421	ng	99
38) Dibenzo(a,h)anthracene	25.51	278	28225	0.400	ng	99
39) Benzo(g,h,i)perylene	26.15	276	28779	0.405	ng	100

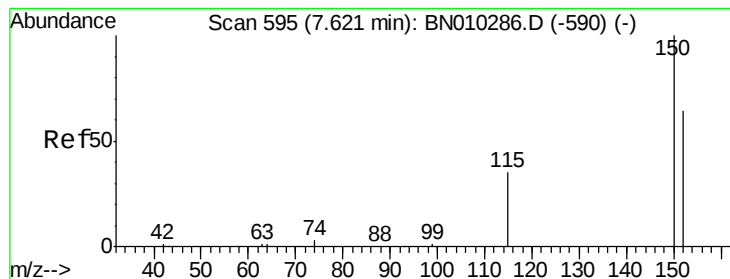
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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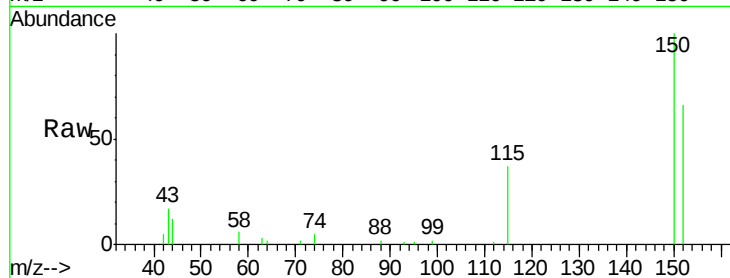


#1

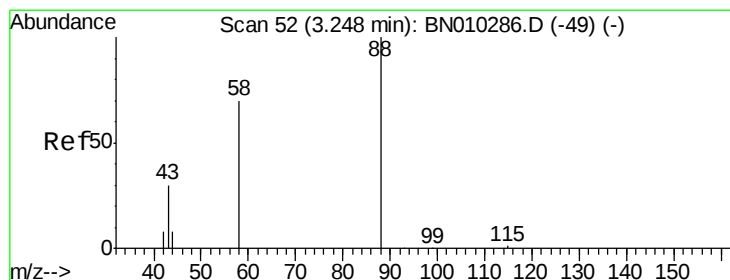
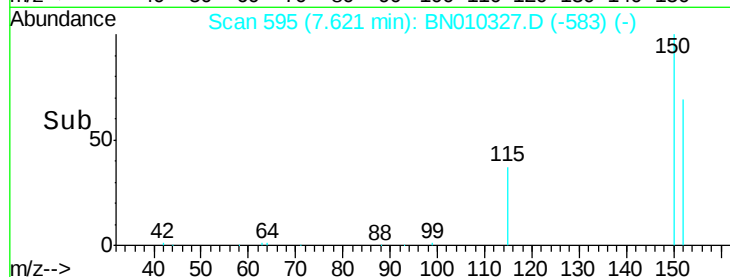
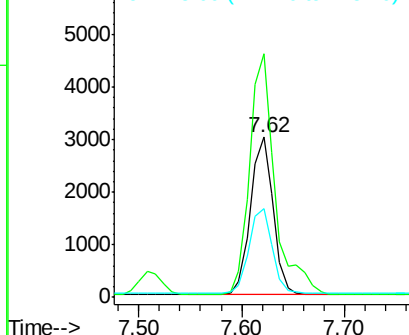
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010327.D
Acq: 24 Mar 2020 15:39

Instrument :
BNA_N
ClientSampleId :
MW203D-20200315MS

Tot Ion:152 Resp: 4626
Ion Ratio Lower Upper
152 100
150 151.9 123.1 184.7
115 55.6 45.2 67.8



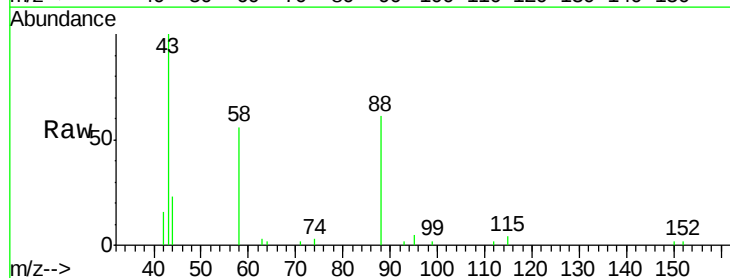
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



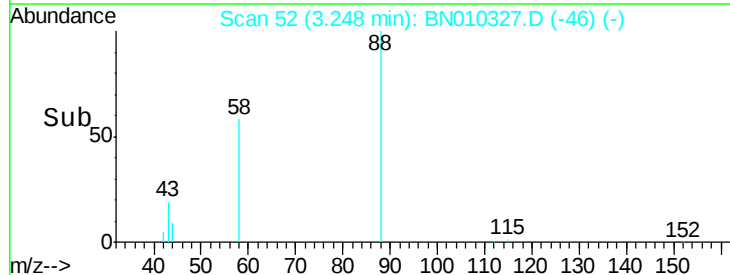
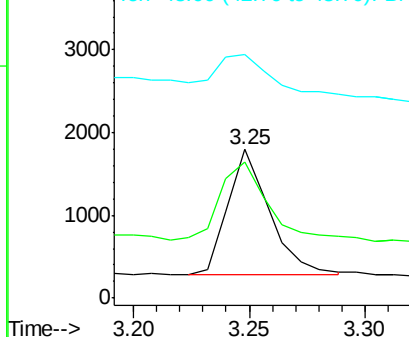
#2

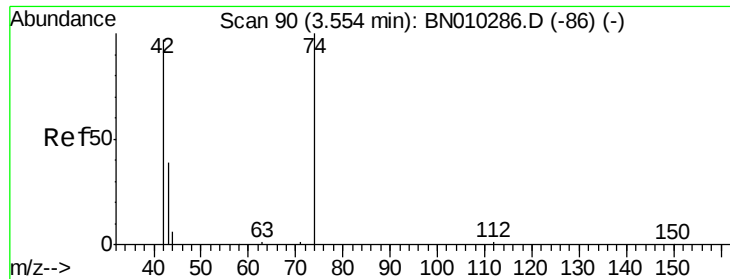
1,4-Dioxane
Concen: 0.438 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010327.D
Acq: 24 Mar 2020 15:39

Tgt Ion: 88 Resp: 1902
Ion Ratio Lower Upper
88 100
58 68.0 51.7 77.5
43 40.3 21.2 31.8



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: 0.204 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

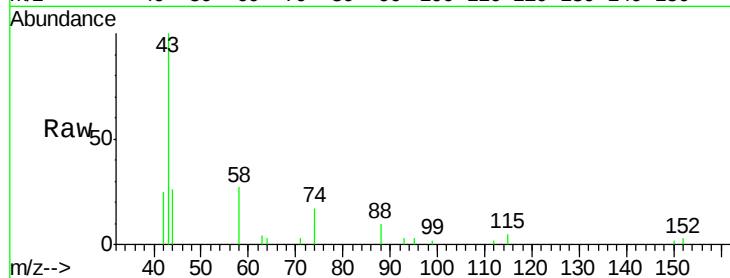
Tot Ion: 42 Resp: 750

Ion Ratio Lower Upper

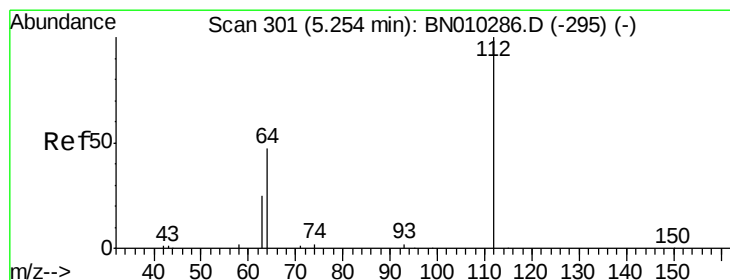
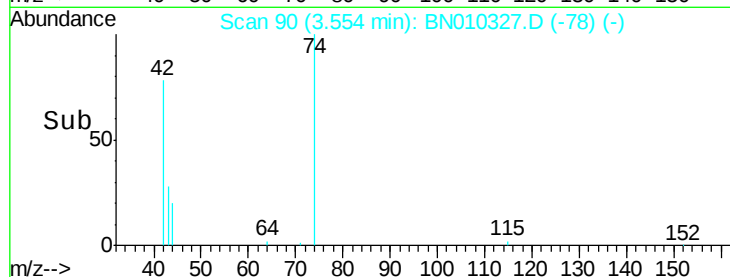
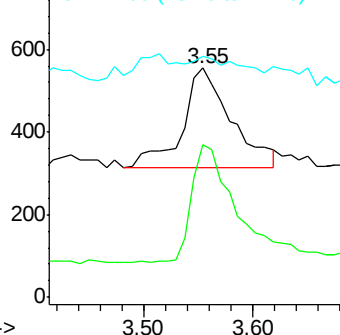
42 100

74 104.1 99.4 149.0

44 14.0 4.8 7.2#



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: 0.149 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

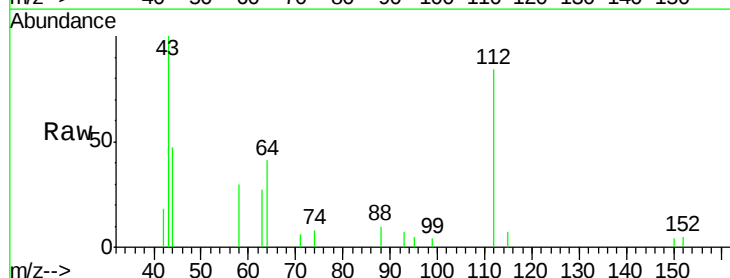
Tgt Ion: 112 Resp: 1365

Ion Ratio Lower Upper

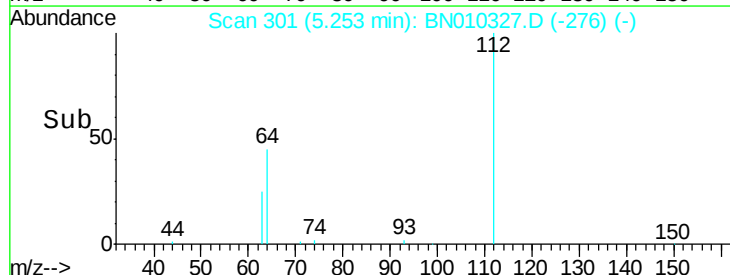
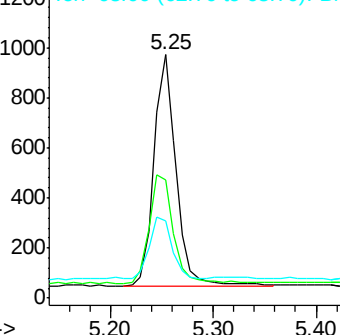
112 100

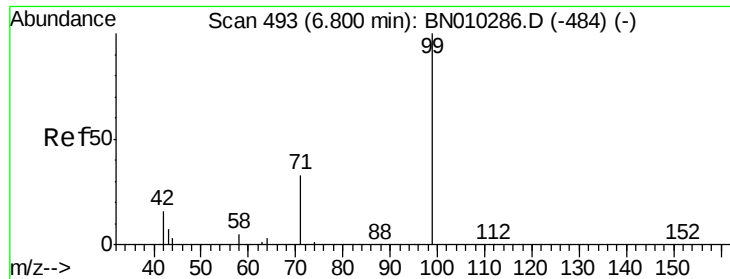
64 51.9 41.4 62.2

63 28.4 22.9 34.3



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: 0.092 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

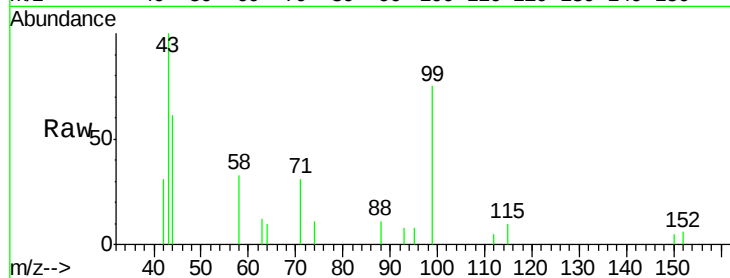
Tot Ion: 99 Resp: 1051

Ion Ratio Lower Upper

99 100

42 33.6 14.8 22.2#

71 37.1 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010327.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010327.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010327.D (-484) (-)

6.80

800

600

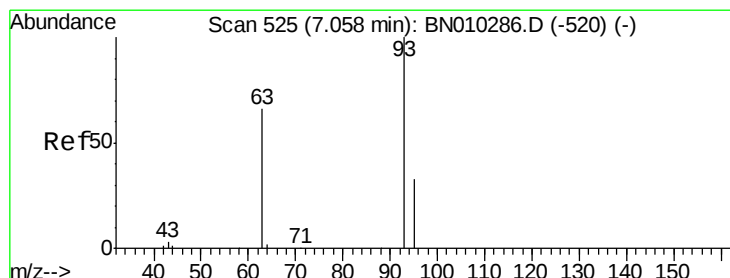
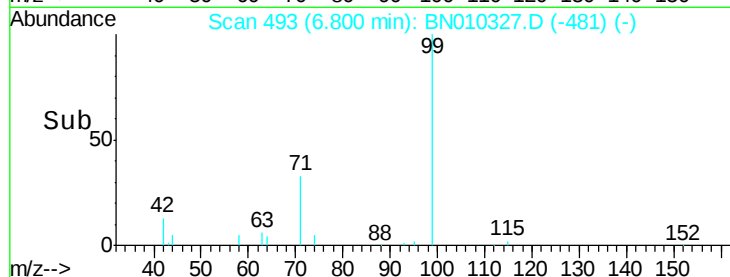
400

200

0

6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.417 ng

RT: 7.05 min Scan# 524

Delta R.T. -0.01 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

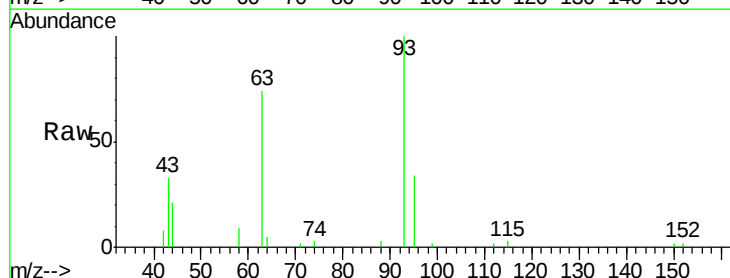
Tgt Ion: 93 Resp: 4567

Ion Ratio Lower Upper

93 100

63 70.8 55.6 83.4

95 33.2 26.2 39.4



Abundance Ion 93.00 (92.70 to 93.70): BN010327.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010327.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010327.D (-500) (-)

7.05

4000

3000

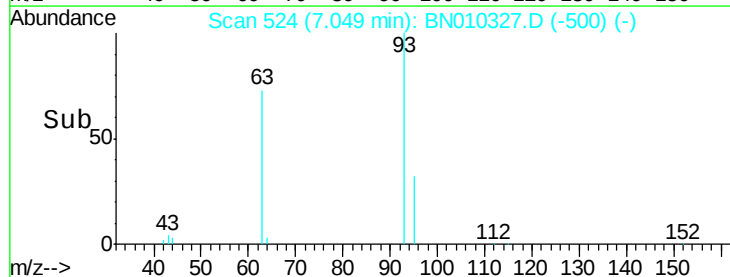
2000

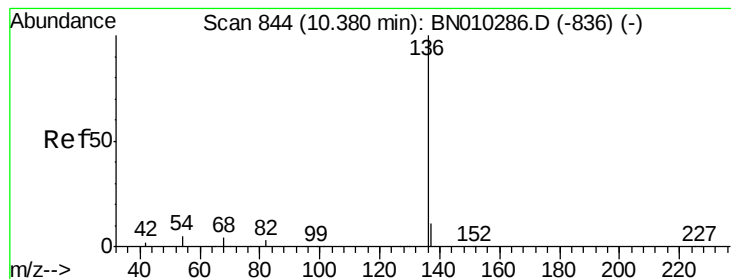
1000

0

7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

Tot Ion:136 Resp: 15711

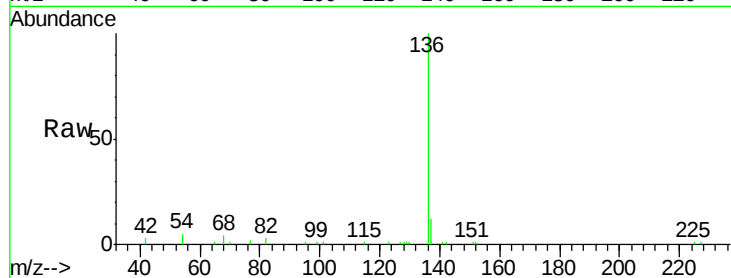
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 4.6 4.8 7.2#

68 4.1 4.1 6.1#

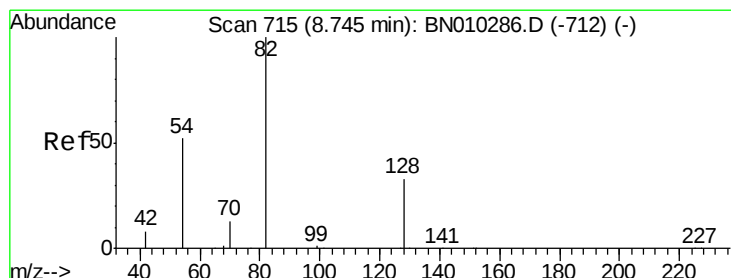
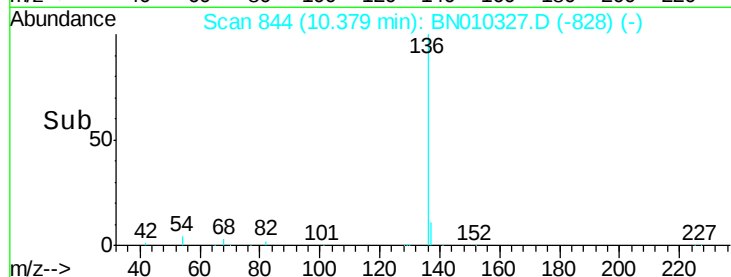
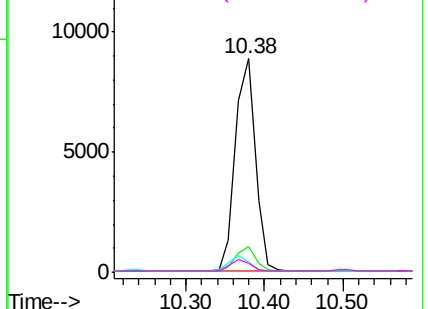


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.595 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

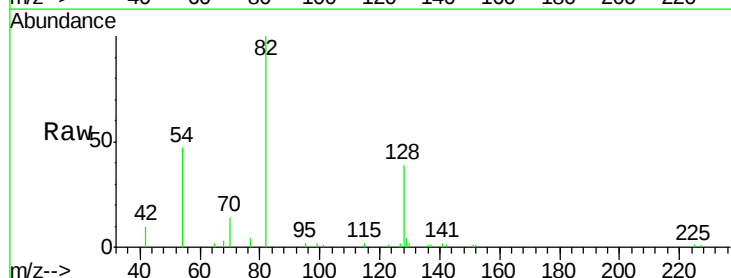
Tgt Ion: 82 Resp: 5993

Ion Ratio Lower Upper

82 100

128 38.8 28.8 43.2

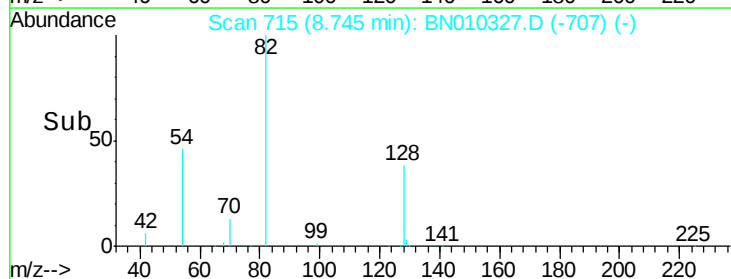
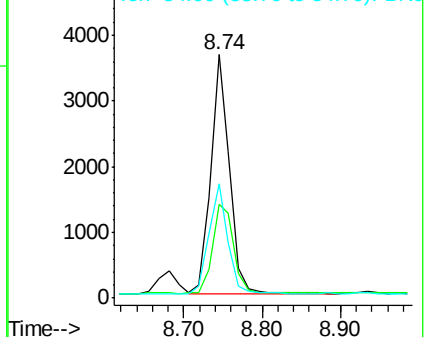
54 47.2 42.1 63.1

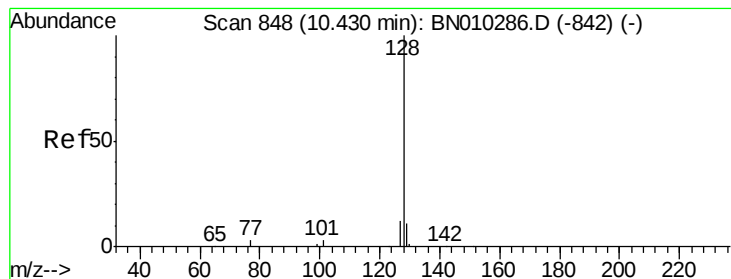


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.416 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.01 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

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MW203D-20200315MS

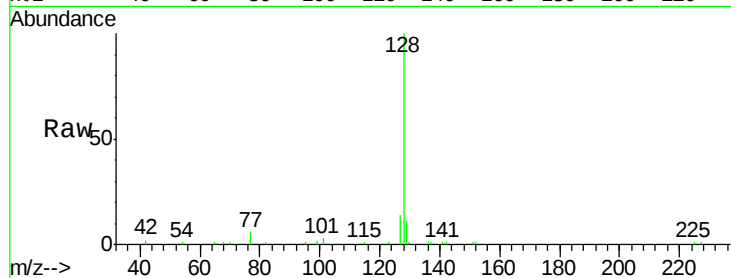
Tot Ion:128 Resp: 16311

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

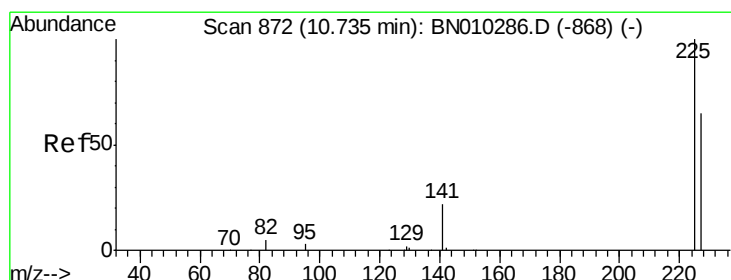
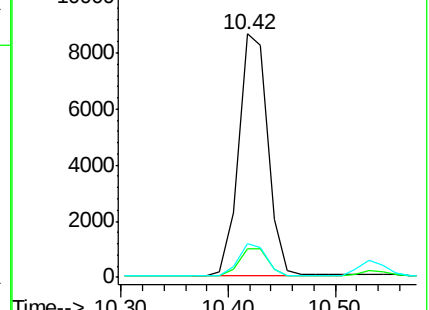
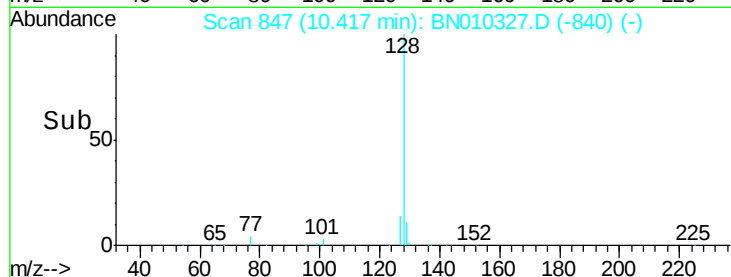
127 14.1 10.4 15.6



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: 0.405 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

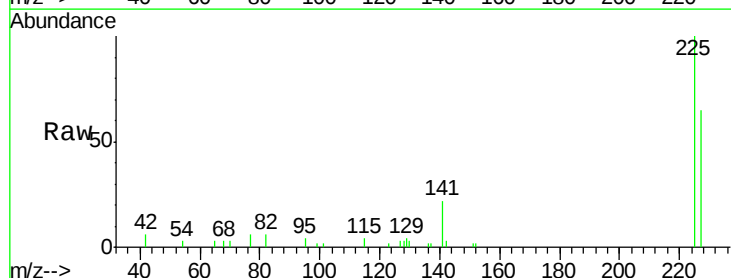
Tgt Ion:225 Resp: 3844

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

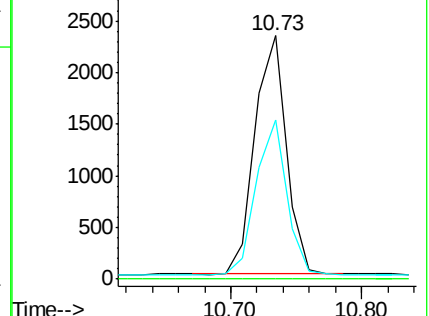
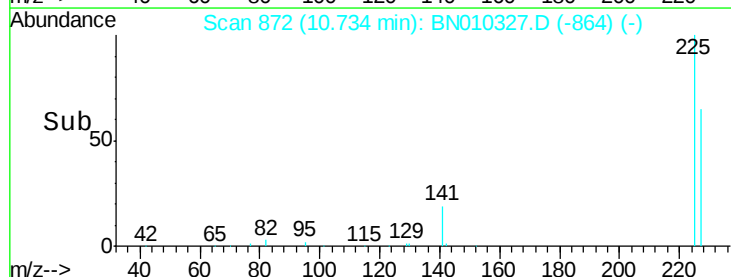
227 62.8 51.9 77.9

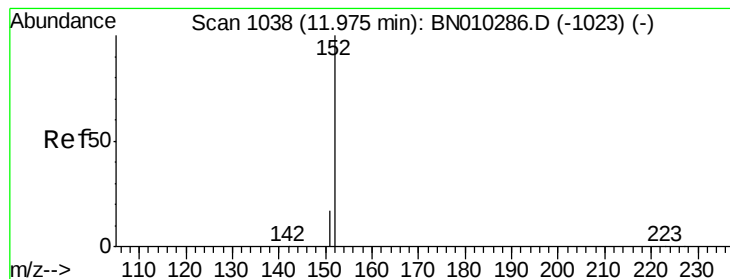


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.439 ng

RT: 11.97 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

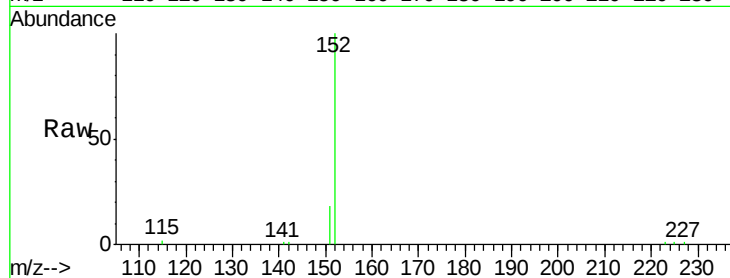
MW203D-20200315MS

Tot Ion:152 Resp: 11013

Ion Ratio Lower Upper

152 100

151 14.3 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.97

6000

5000

4000

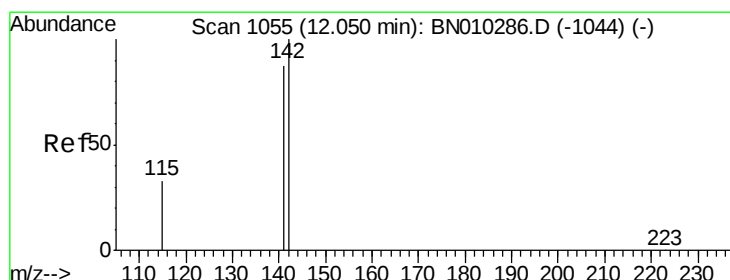
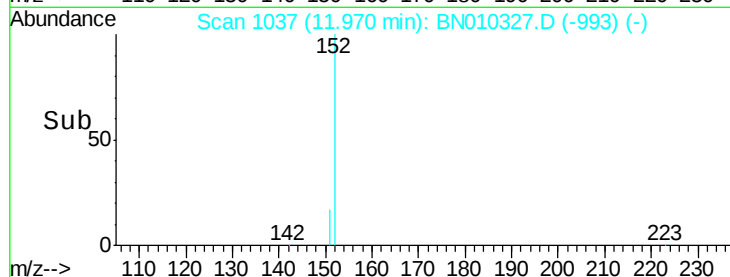
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.410 ng

RT: 12.04 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

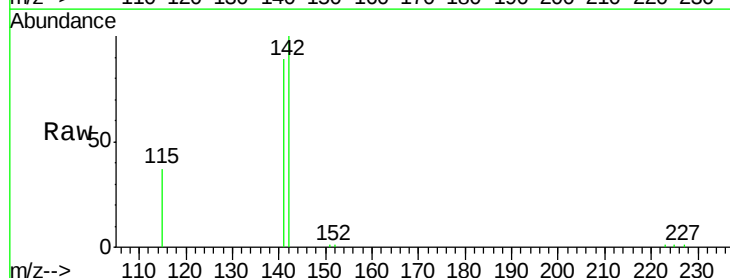
Tgt Ion:142 Resp: 11129

Ion Ratio Lower Upper

142 100

141 88.7 69.5 104.3

115 36.9 27.5 41.3



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

12.04

8000

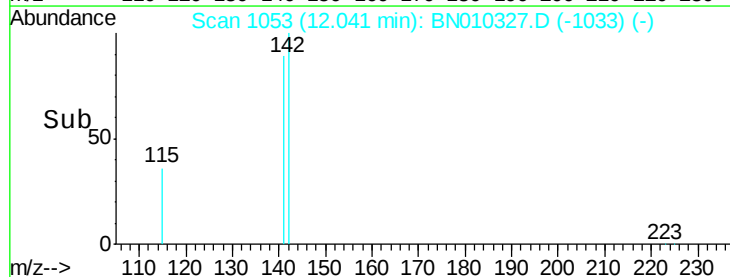
6000

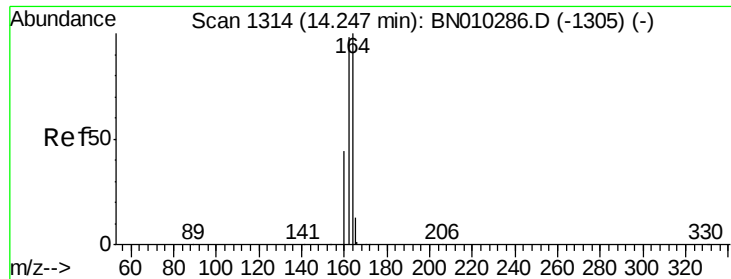
4000

2000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

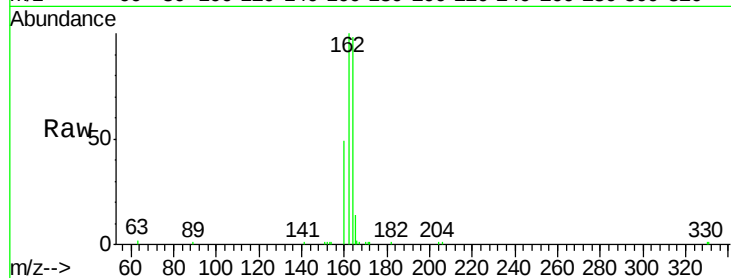
Tot Ion:164 Resp: 9021

Ion Ratio Lower Upper

164 100

162 101.9 78.2 117.2

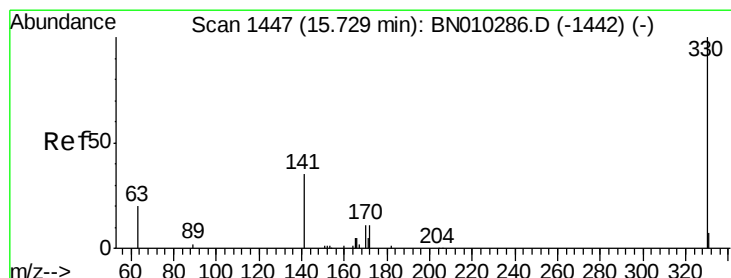
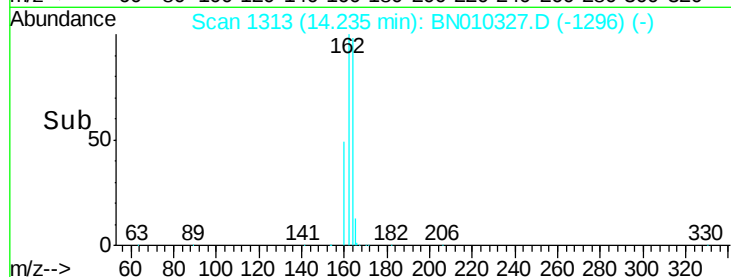
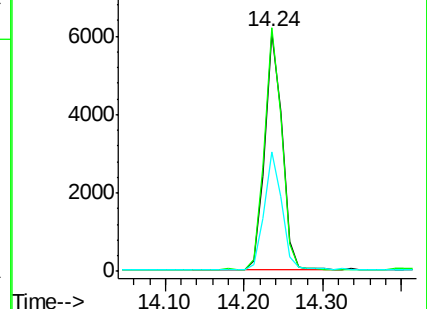
160 50.0 35.8 53.6



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: 0.326 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

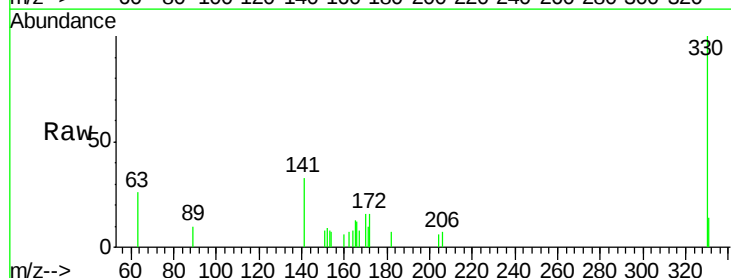
Tgt Ion:330 Resp: 1131

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

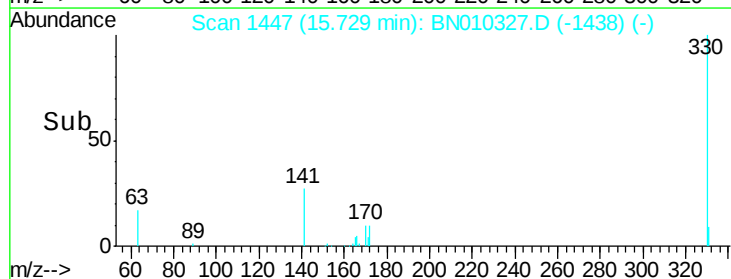
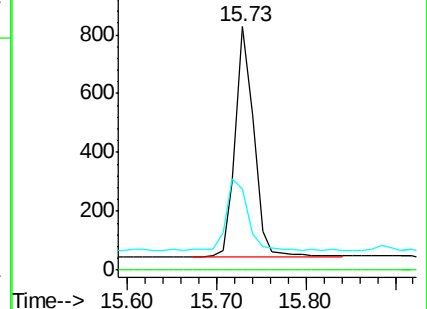
141 38.1 29.3 43.9

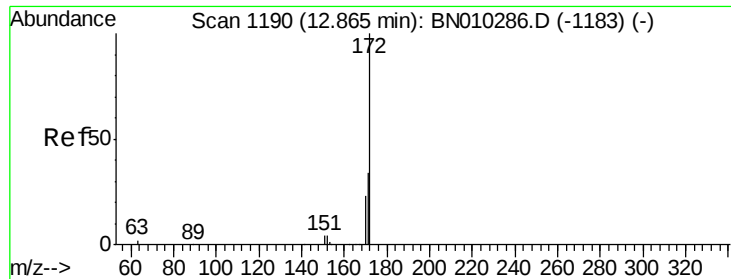


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

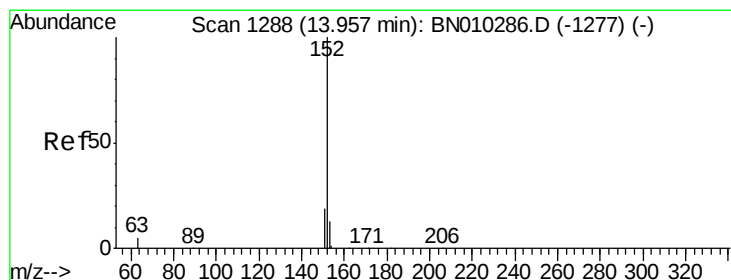
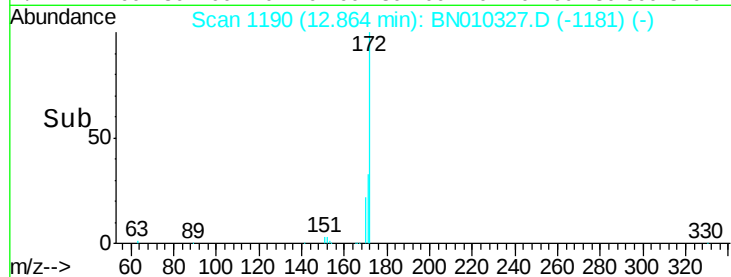
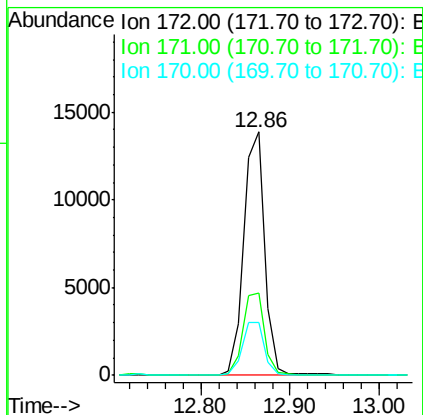
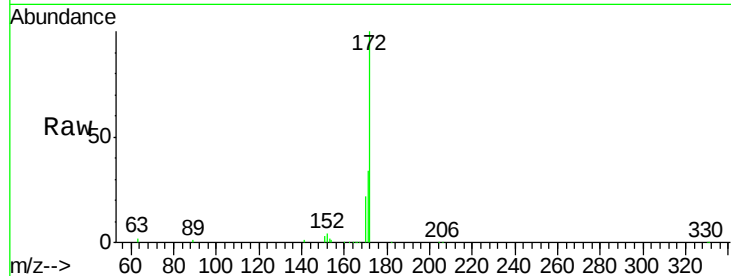




#15
2-Fluorobiphenyl
Concen: 0.651 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010327.D
Acq: 24 Mar 2020 15:39

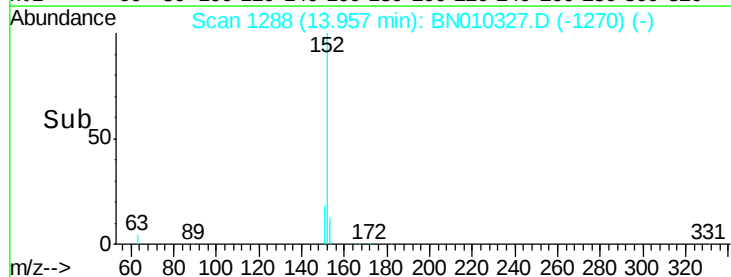
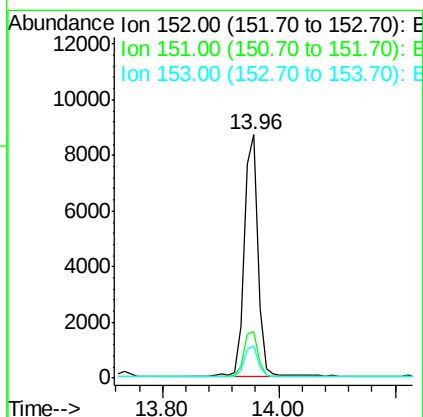
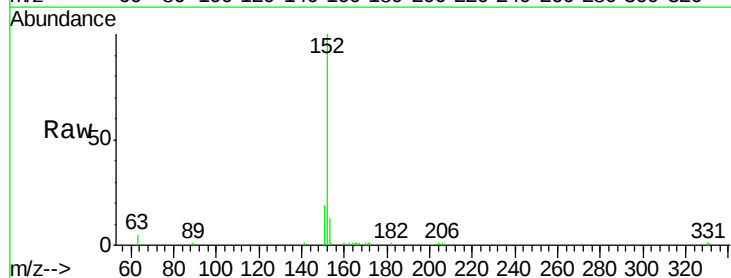
Instrument :
BNA_N
ClientSampleId :
MW203D-20200315MS

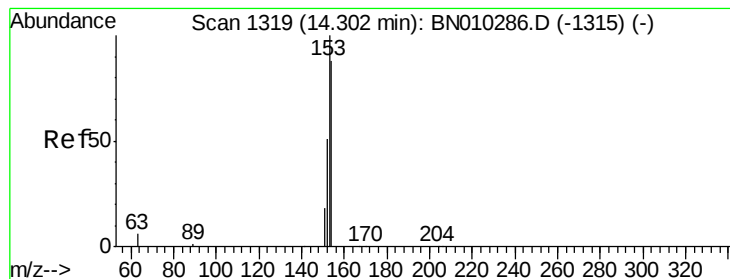
Tot Ion:172 Resp: 22483
Ion Ratio Lower Upper
172 100
171 33.7 27.6 41.4
170 21.9 18.5 27.7



#16
Acenaphthylene
Concen: 0.408 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010327.D
Acq: 24 Mar 2020 15:39

Tgt Ion:152 Resp: 14455
Ion Ratio Lower Upper
152 100
151 19.1 15.6 23.4
153 12.7 10.6 15.8





#17

Acenaphthene

Concen: 0.412 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

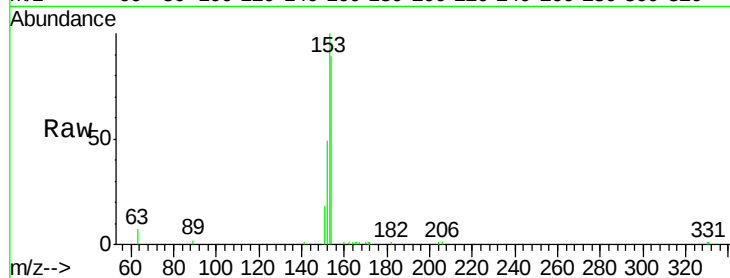
Tot Ion:154 Resp: 10395

Ion Ratio Lower Upper

154 100

153 111.6 88.1 132.1

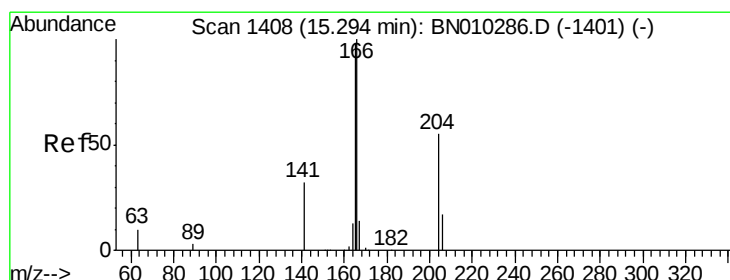
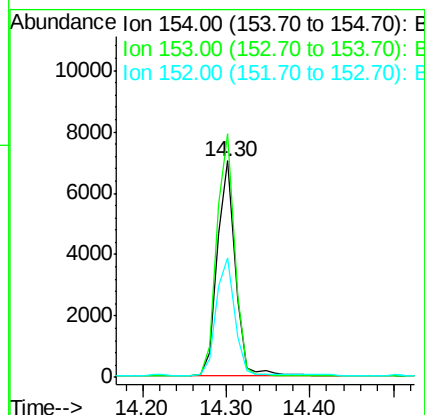
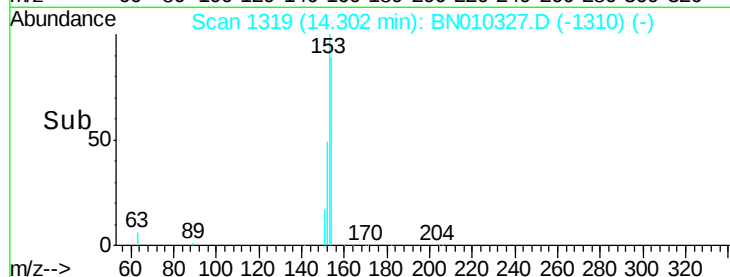
152 56.9 45.5 68.3



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: 0.411 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

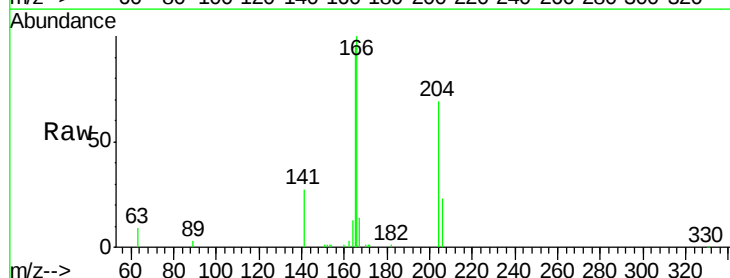
Tgt Ion:166 Resp: 13769

Ion Ratio Lower Upper

166 100

165 97.2 78.7 118.1

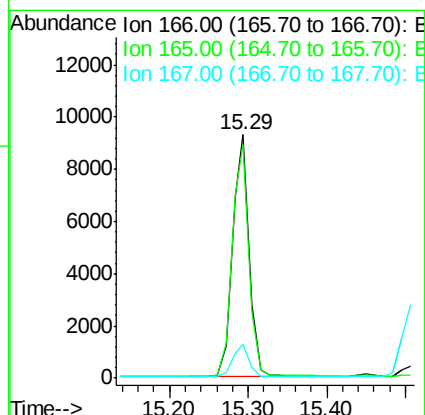
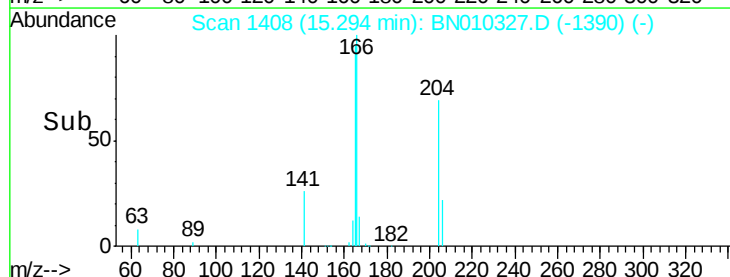
167 13.6 11.0 16.4

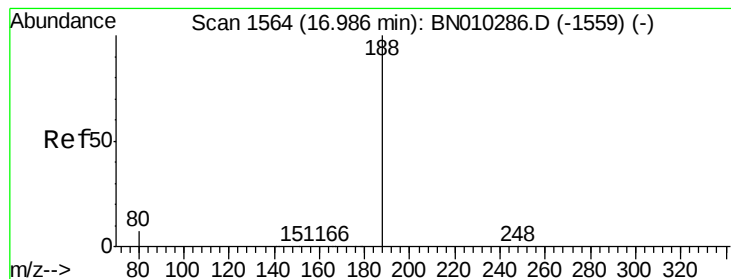


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

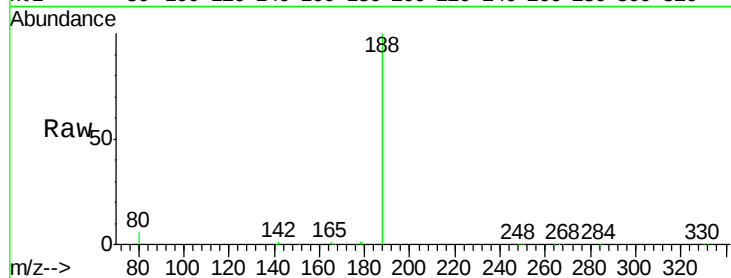
Tot Ion:188 Resp: 21361

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

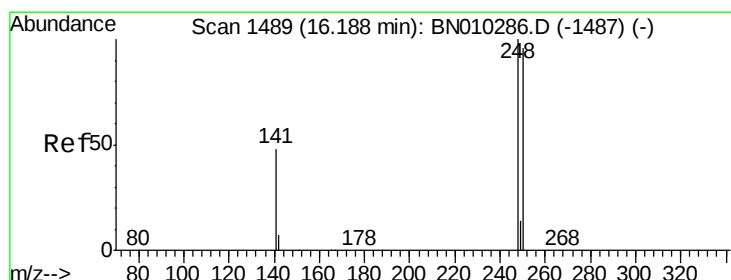
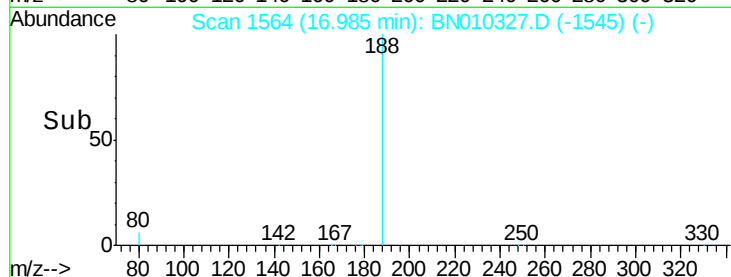
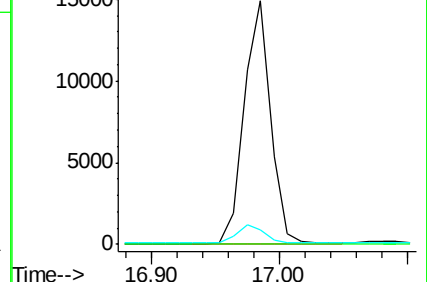
80 6.2 6.0 9.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.386 ng

RT: 16.19 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

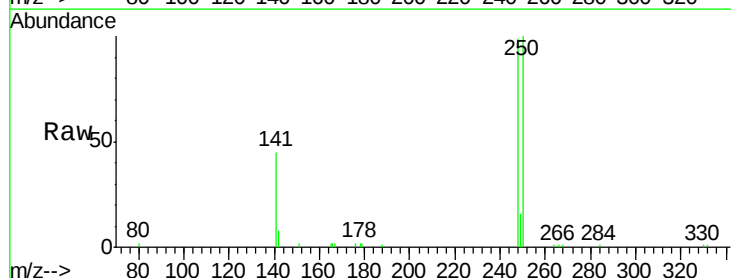
Tgt Ion:248 Resp: 5006

Ion Ratio Lower Upper

248 100

250 101.5 76.8 115.2

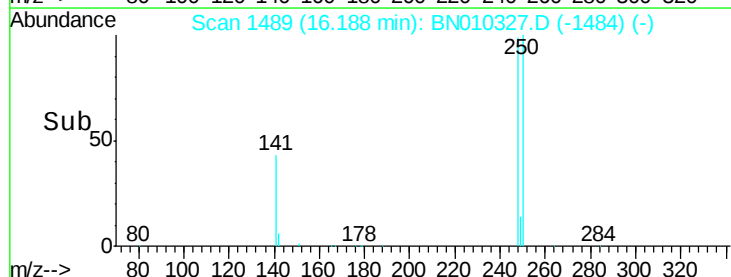
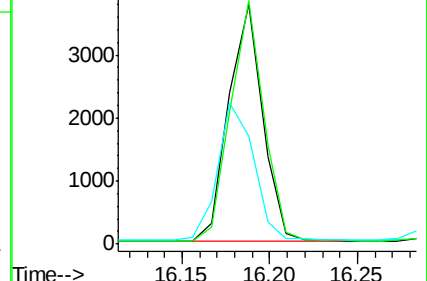
141 45.2 44.4 66.6

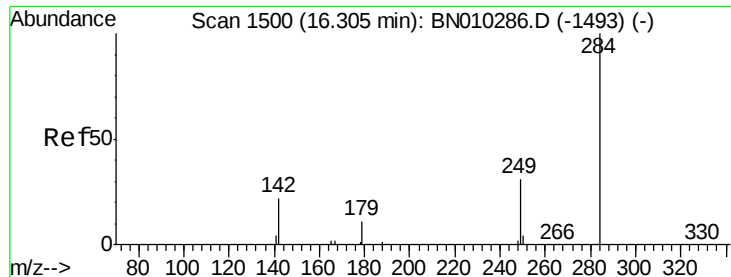


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.412 ng

RT: 16.30 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

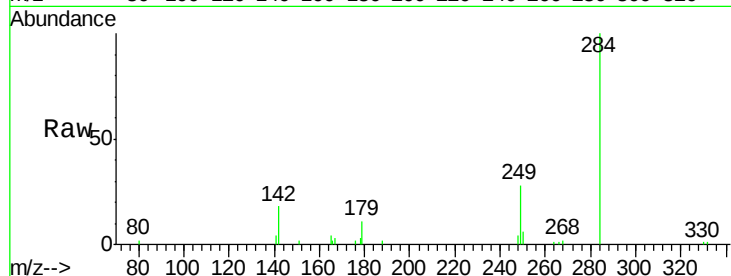
Tot Ion:284 Resp: 5483

Ion Ratio Lower Upper

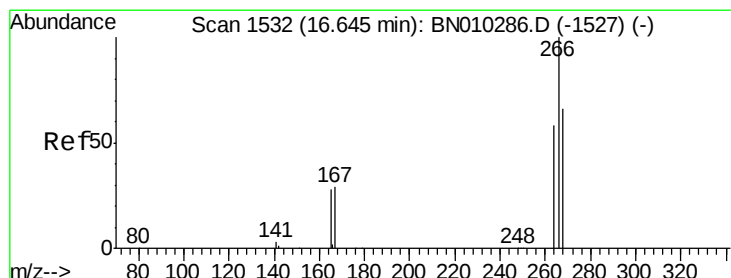
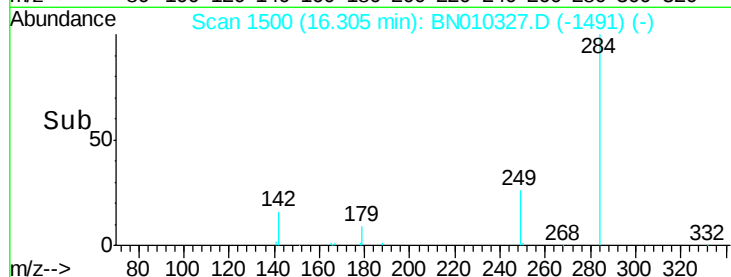
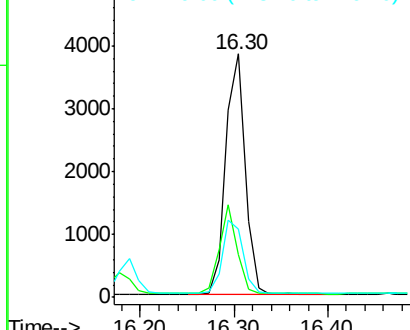
284 100

142 34.0 27.4 41.2

249 32.2 26.5 39.7



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: 0.851 ng

RT: 16.65 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

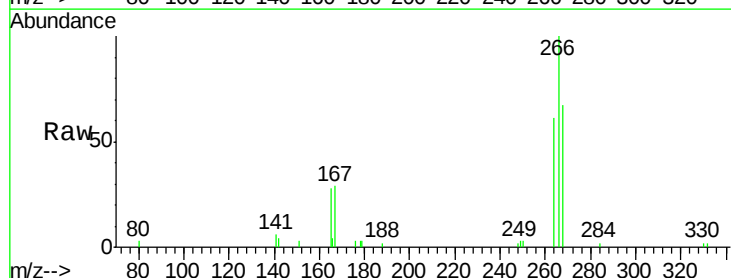
Tgt Ion:266 Resp: 3875

Ion Ratio Lower Upper

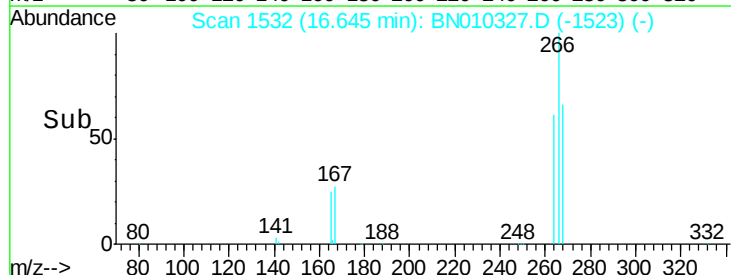
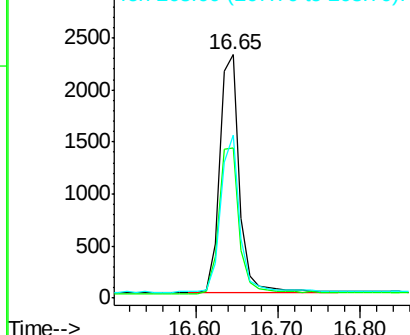
266 100

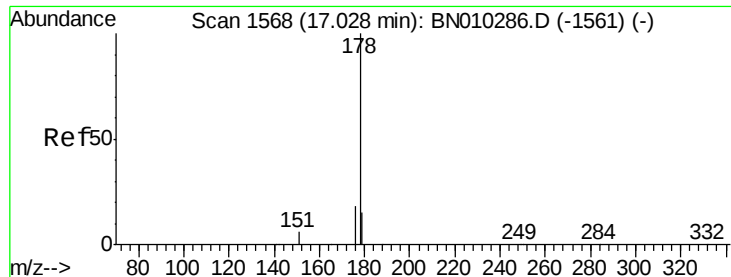
264 61.4 47.7 71.5

268 66.9 54.9 82.3



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: 0.415 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

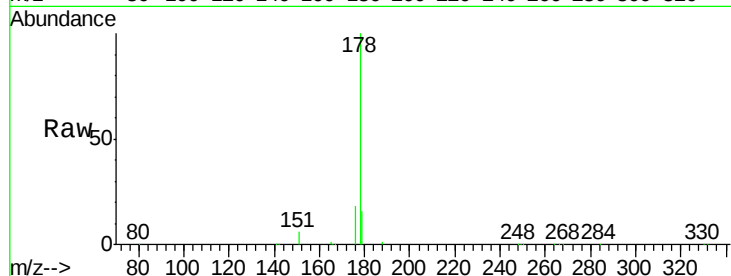
Tot Ion:178 Resp: 24356

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

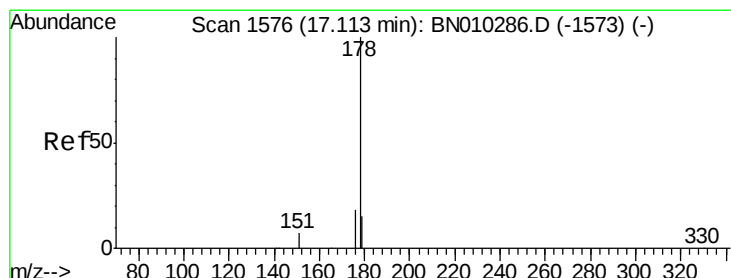
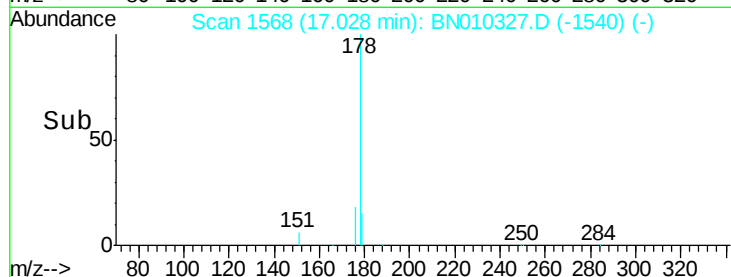
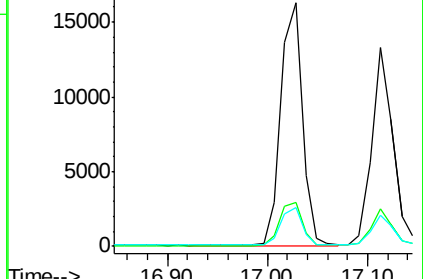
179 15.5 12.4 18.6



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: 0.397 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

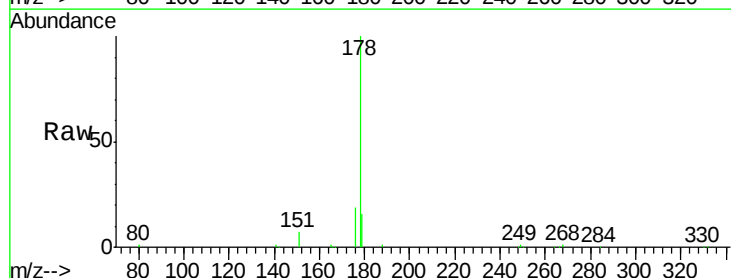
Tgt Ion:178 Resp: 19956

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

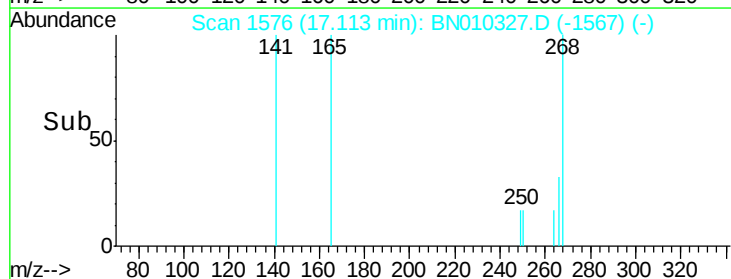
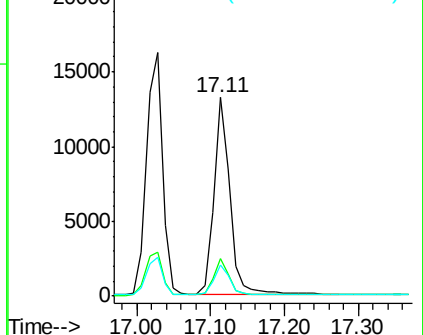
179 15.7 12.3 18.5

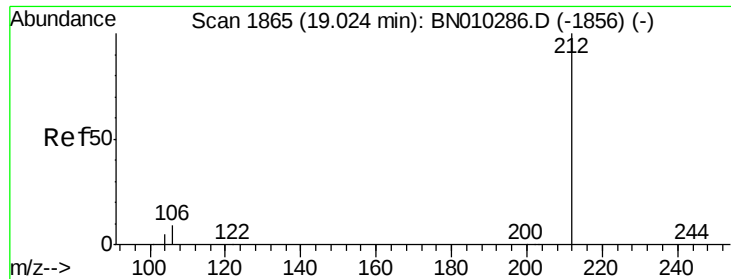


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.322 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

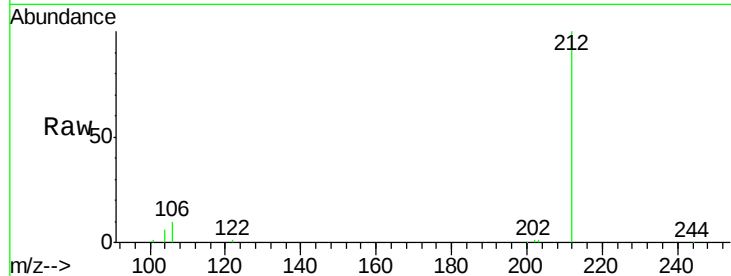
Tot Ion:212 Resp: 20754

Ion Ratio Lower Upper

212 100

106 9.3 7.4 11.2

104 5.3 4.2 6.4



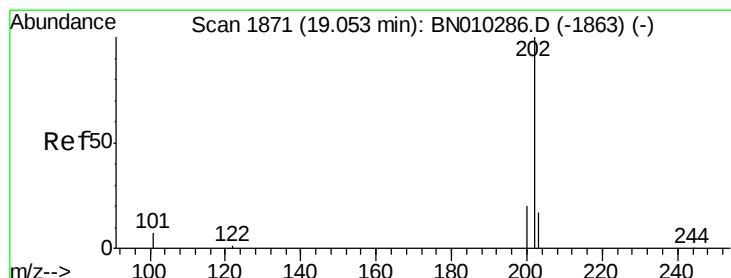
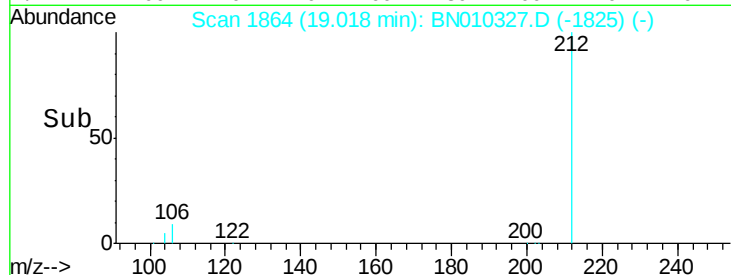
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

19.02

Time-->



#26

Fluoranthene

Concen: 0.417 ng

RT: 19.05 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

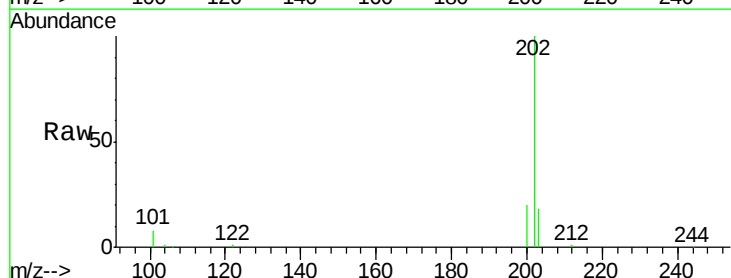
Tgt Ion:202 Resp: 29970

Ion Ratio Lower Upper

202 100

101 8.0 6.6 9.8

203 17.3 13.8 20.8



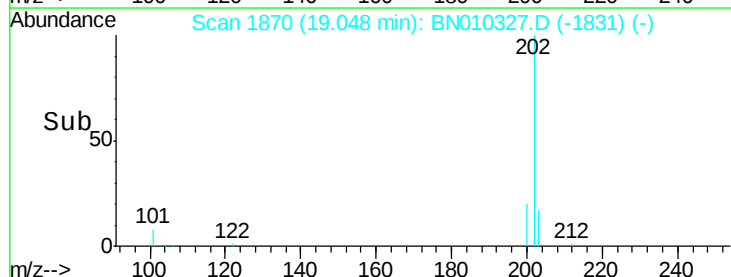
Abundance Ion 202.00 (201.70 to 202.70): E

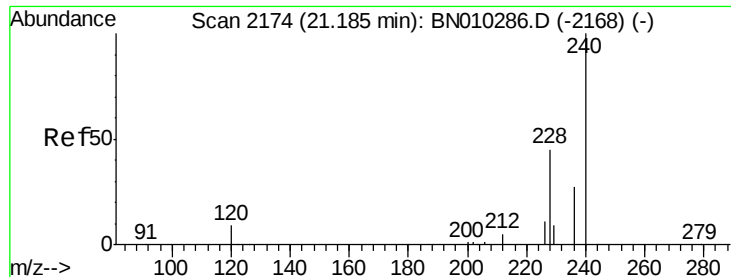
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.05

Time-->

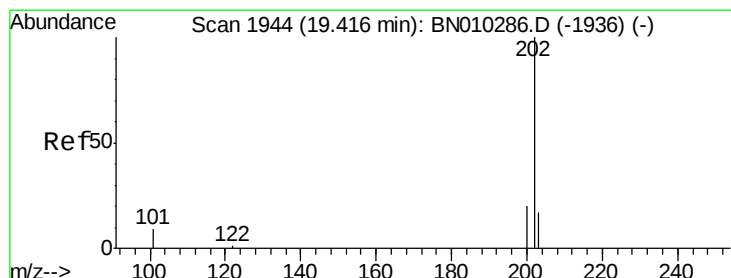
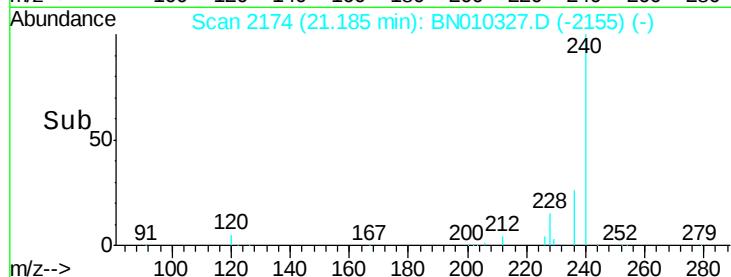
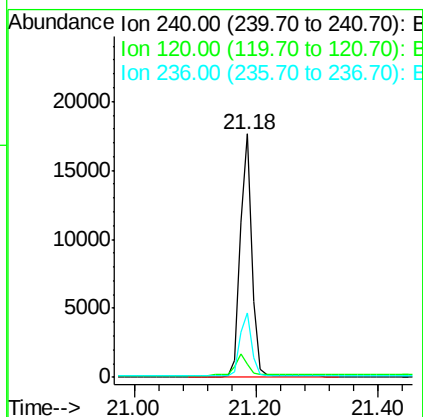
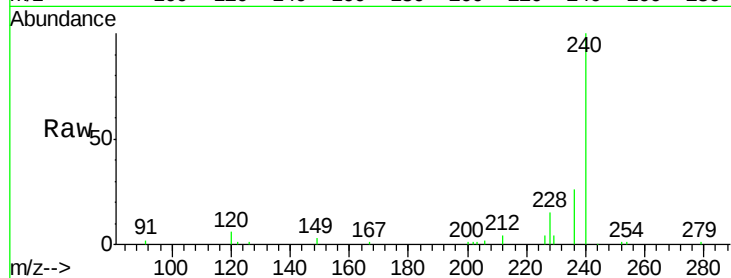




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.18 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010327.D
Acq: 24 Mar 2020 15:39

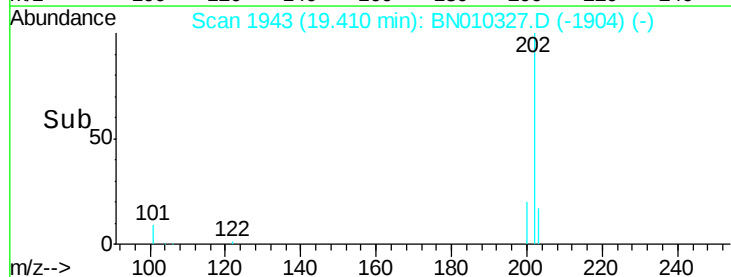
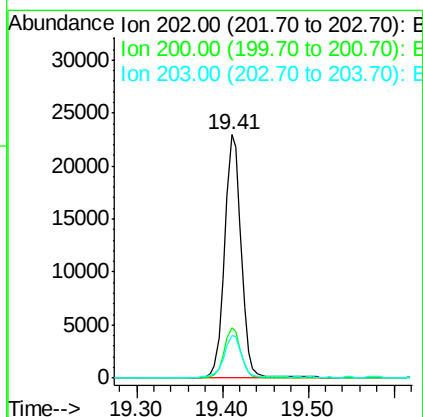
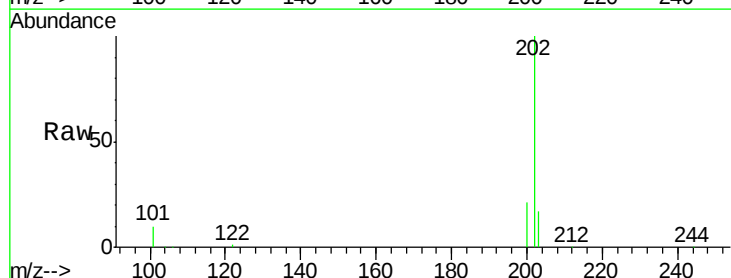
Instrument :
BNA_N
ClientSampleId :
MW203D-20200315MS

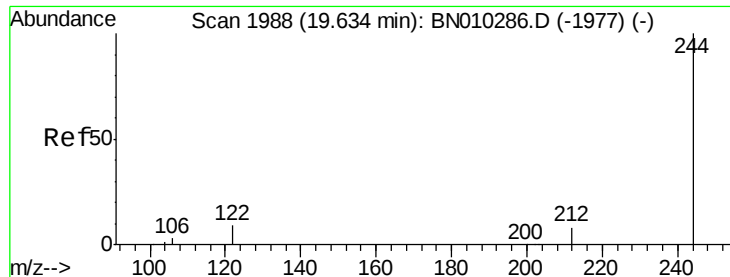
Tot Ion:240 Resp: 23286
Ion Ratio Lower Upper
240 100
120 5.7 7.9 11.9#
236 26.5 22.2 33.4



#28
Pyrene
Concen: 0.420 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BN010327.D
Acq: 24 Mar 2020 15:39

Tgt Ion:202 Resp: 30418
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 17.9 14.2 21.2





#29

Terphenyl-d14

Concen: 0.531 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

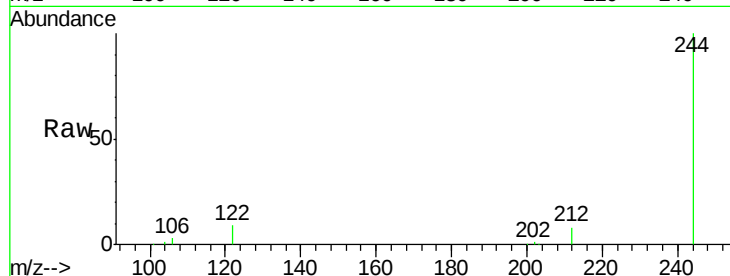
Tot Ion:244 Resp: 26736

Ion Ratio Lower Upper

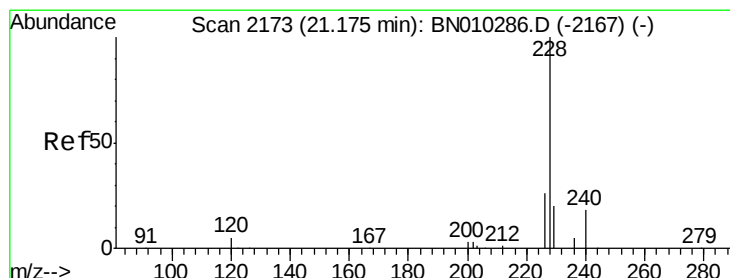
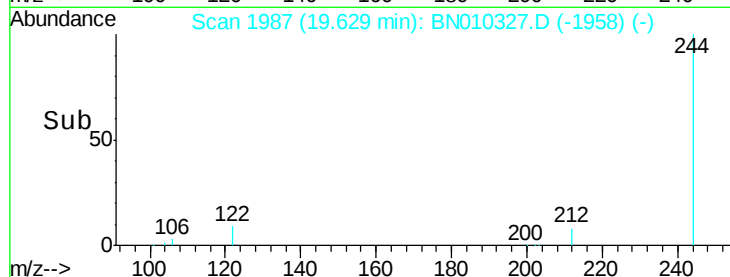
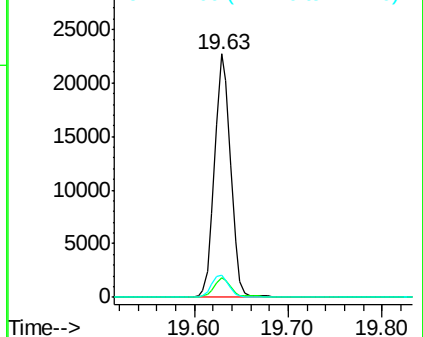
244 100

212 7.8 6.3 9.5

122 9.3 7.6 11.4



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: 0.402 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

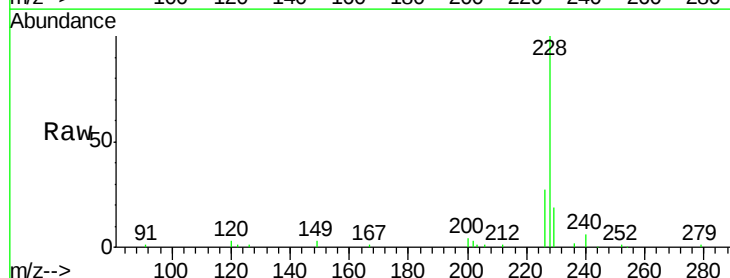
Tgt Ion:228 Resp: 29836

Ion Ratio Lower Upper

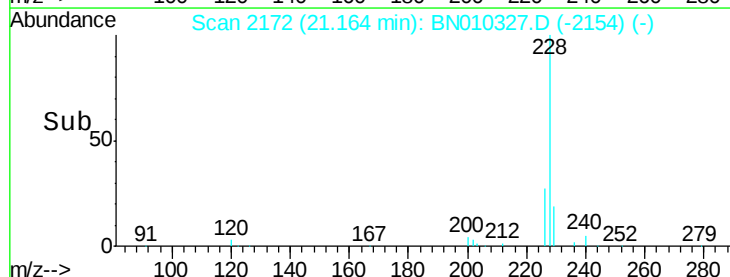
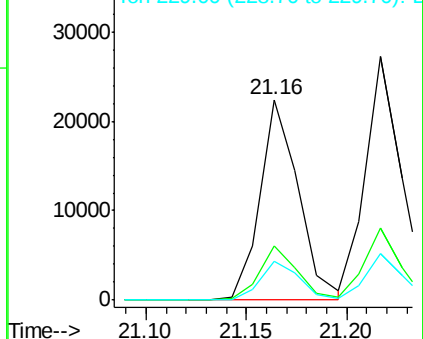
228 100

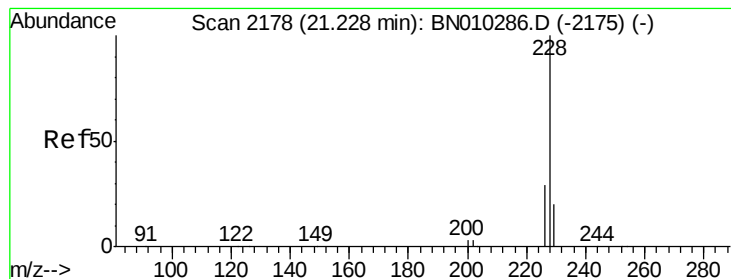
226 27.1 21.0 31.4

229 19.2 16.0 24.0



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





#31

Chrysene

Concen: 0.412 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

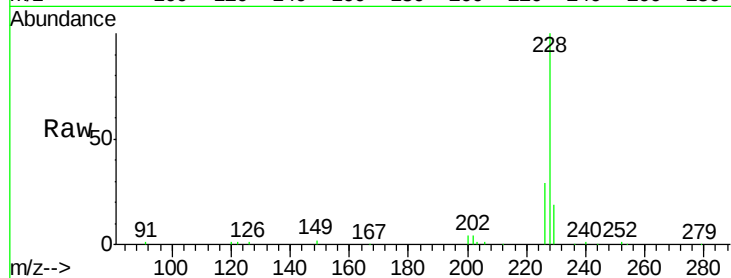
Tot Ion:228 Resp: 32747

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.6

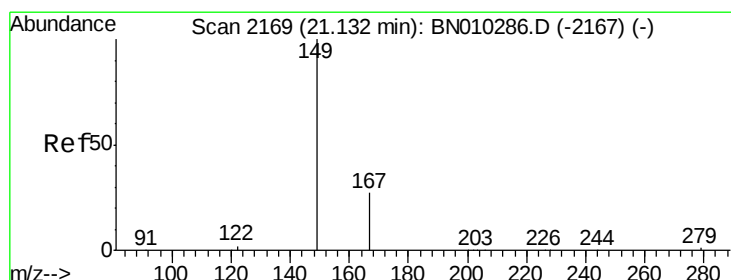
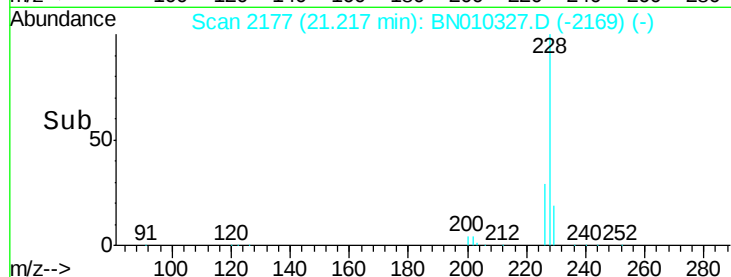
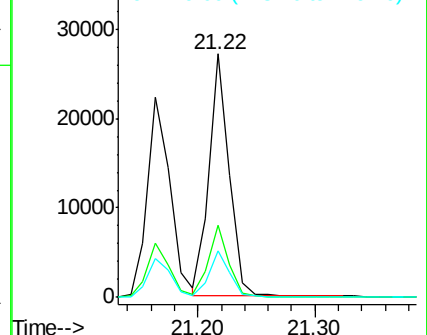
229 19.2 16.0 24.0



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: 0.348 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

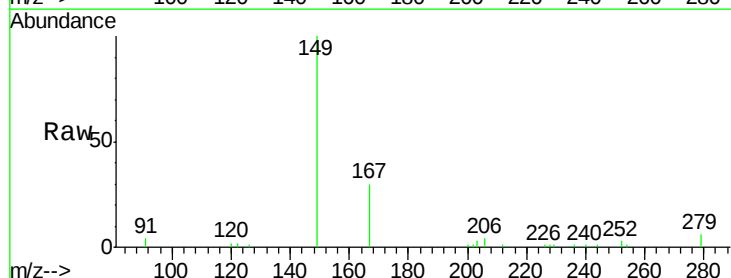
Tgt Ion:149 Resp: 8709

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.6

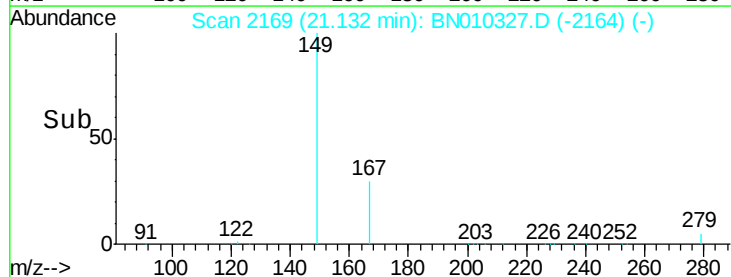
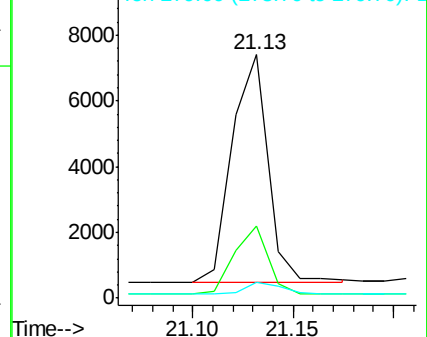
279 4.8 3.8 5.8

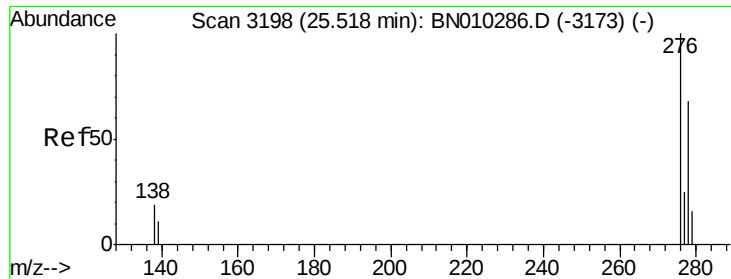


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.391 ng

RT: 25.50 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

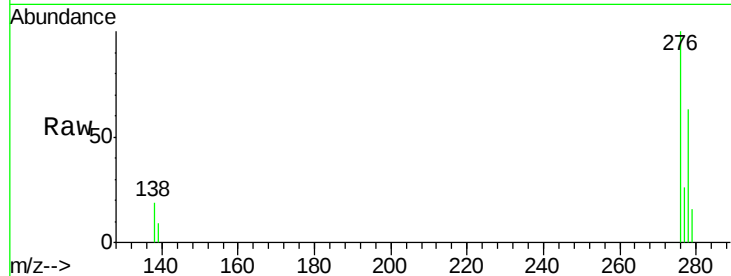
Tot Ion:276 Resp: 33284

Ion Ratio Lower Upper

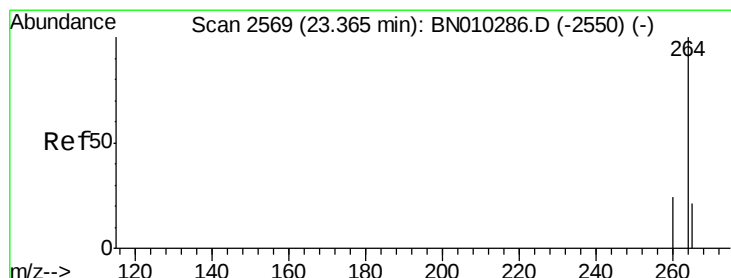
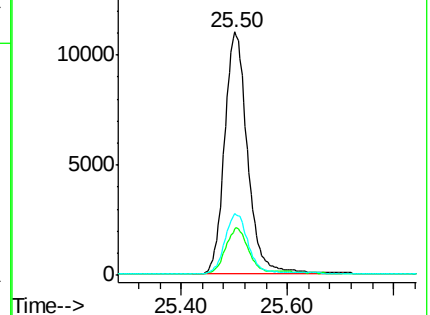
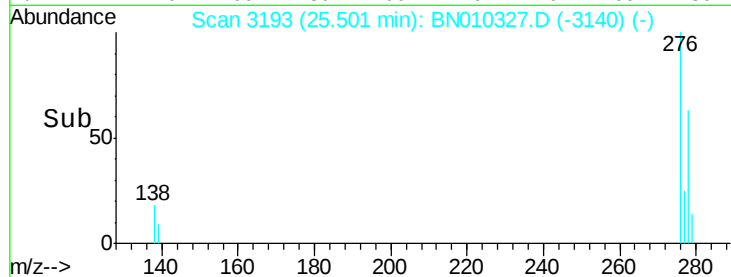
276 100

138 18.6 15.6 23.4

277 25.0 20.1 30.1



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: 23.36 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

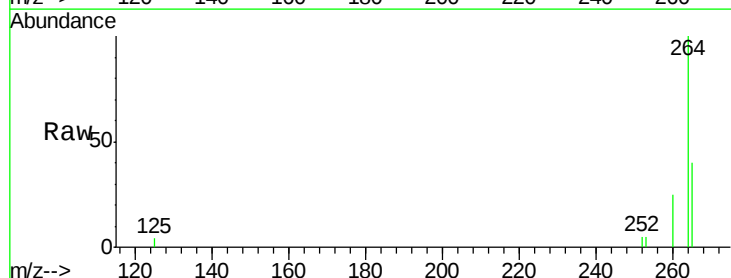
Tgt Ion:264 Resp: 22785

Ion Ratio Lower Upper

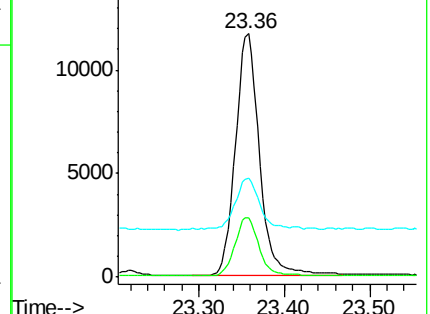
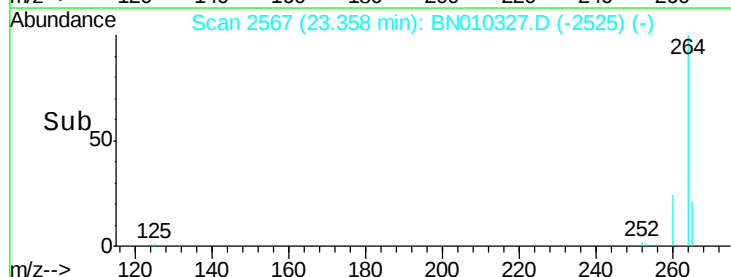
264 100

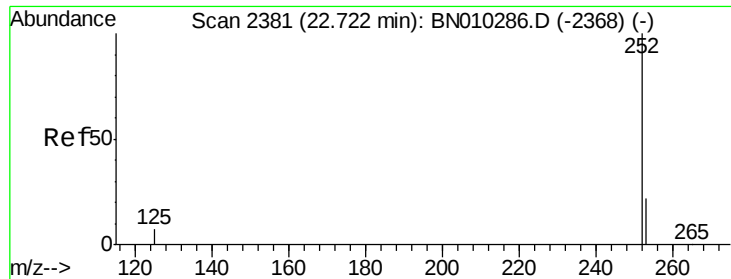
260 24.5 19.5 29.3

265 40.4 32.4 48.6



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

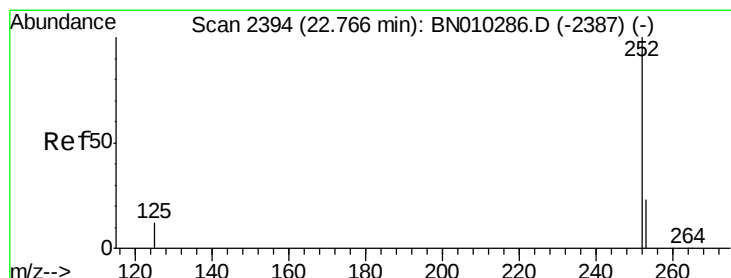
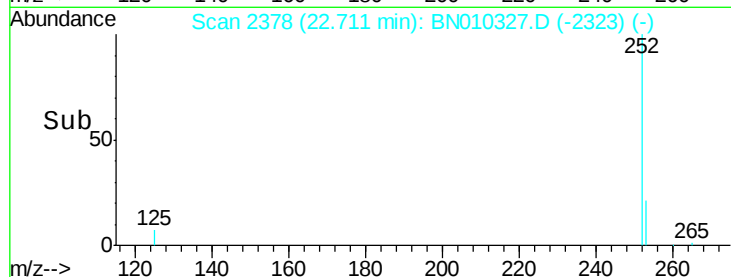
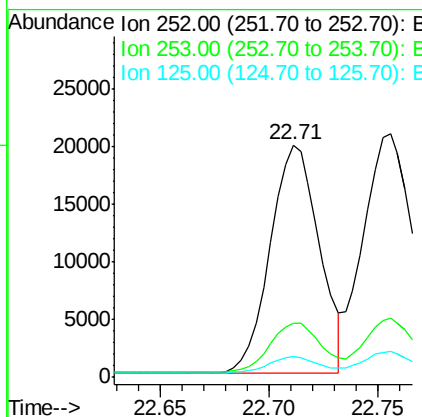
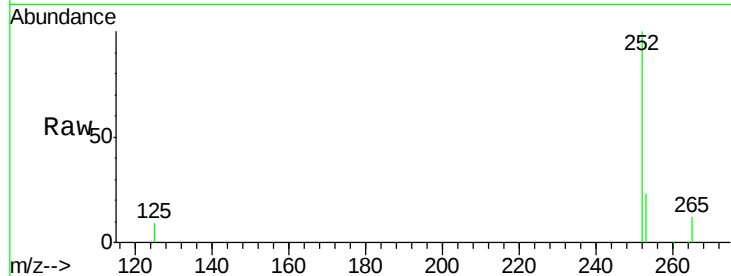




#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010327.D
Acq: 24 Mar 2020 15:39

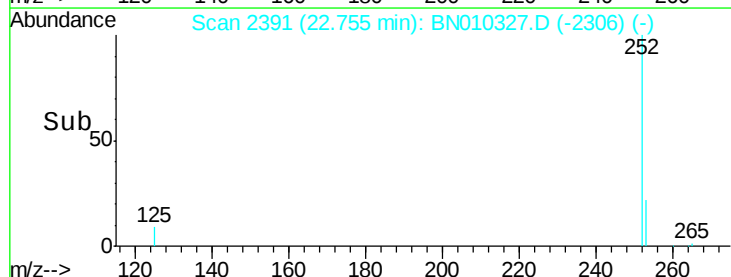
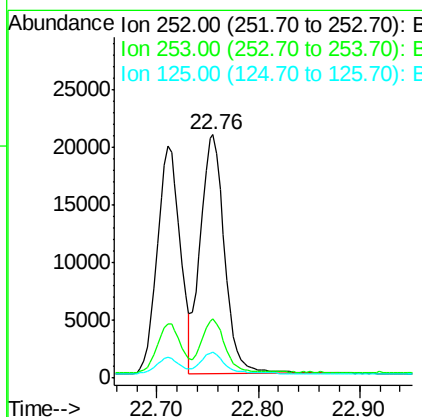
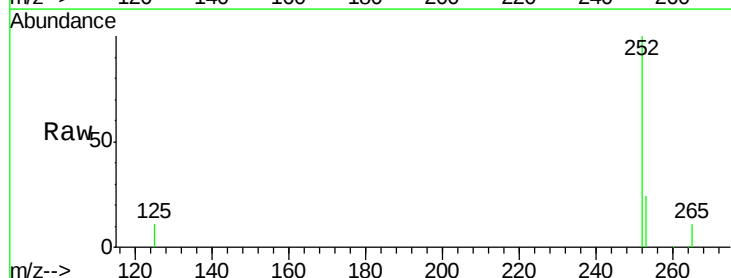
Instrument :
BNA_N
ClientSampleId :
MW203D-20200315MS

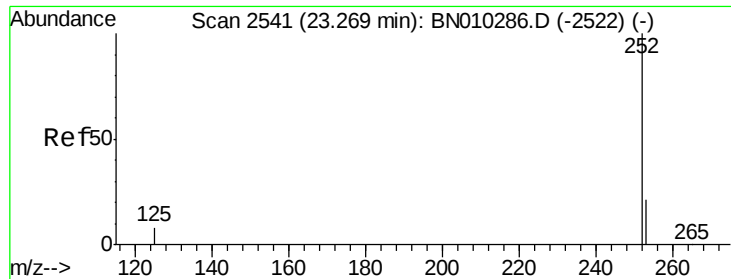
Tot Ion:252 Resp: 31009
Ion Ratio Lower Upper
252 100
253 23.4 19.2 28.8
125 8.9 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.436 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BN010327.D
Acq: 24 Mar 2020 15:39

Tgt Ion:252 Resp: 34355
Ion Ratio Lower Upper
252 100
253 24.2 19.4 29.0
125 10.7 10.2 15.2





#37

Benzo(a)pyrene

Concen: 0.421 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS

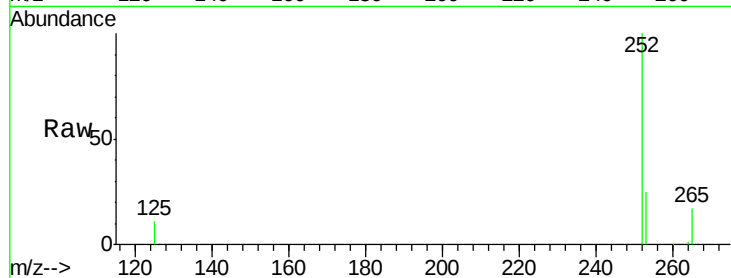
Tot Ion:252 Resp: 27470

Ion Ratio Lower Upper

252 100

253 25.0 19.9 29.9

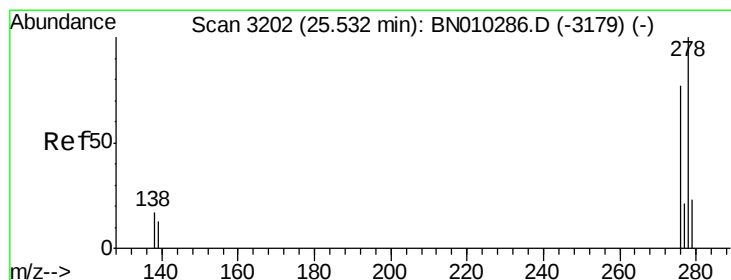
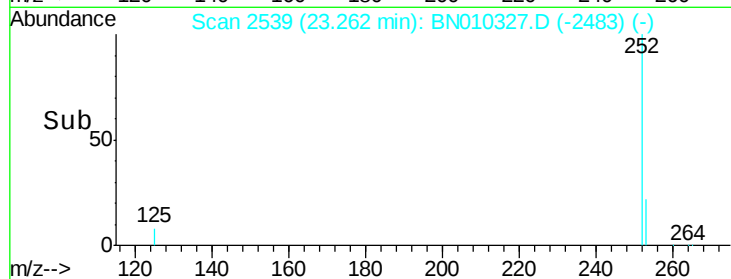
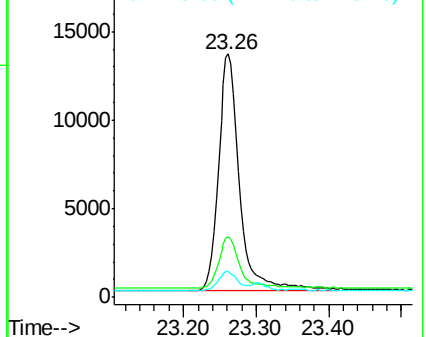
125 10.6 8.9 13.3



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: 0.400 ng

RT: 25.51 min Scan# 3197

Delta R.T. -0.02 min

Lab File: BN010327.D

Acq: 24 Mar 2020 15:39

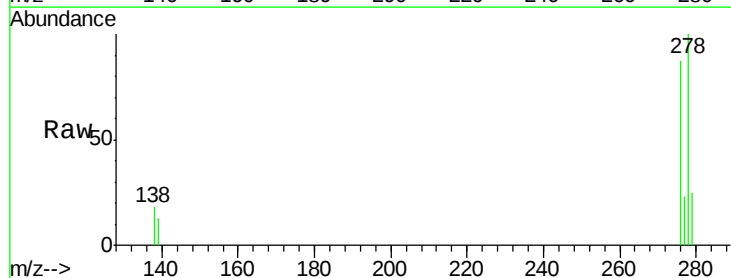
Tgt Ion:278 Resp: 28225

Ion Ratio Lower Upper

278 100

139 13.2 10.6 16.0

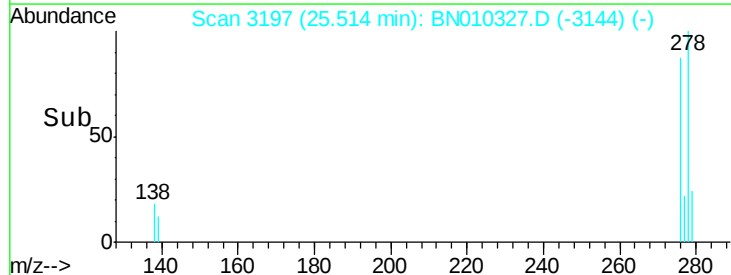
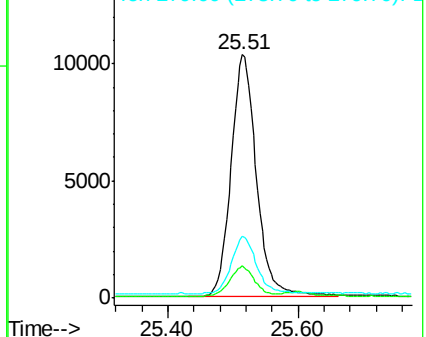
279 25.5 19.8 29.6

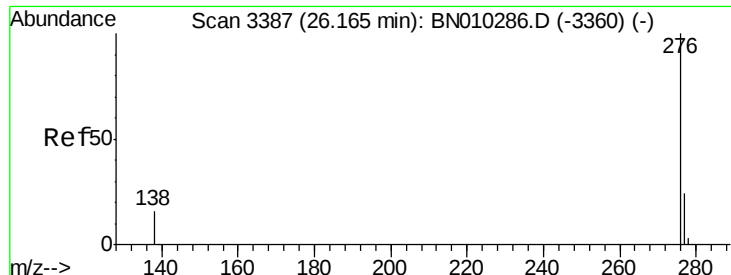


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.405 ng

RT: 26.15 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BN010327.D

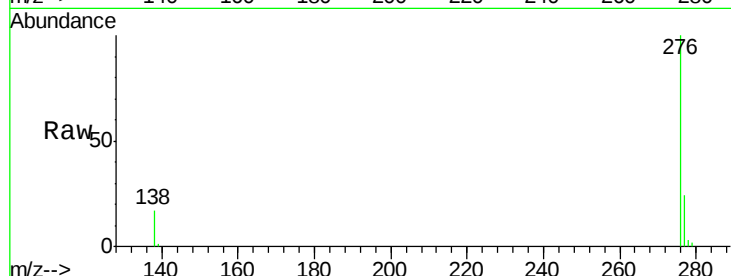
Acq: 24 Mar 2020 15:39

Instrument :

BNA_N

ClientSampleId :

MW203D-20200315MS



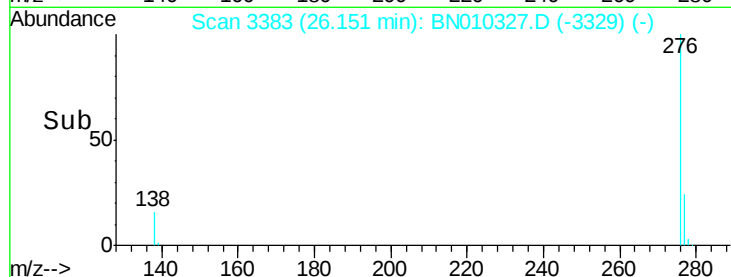
Tot Ion: 276 Resp: 28779

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 16.7 13.3 19.9



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

