

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010233.D
 Acq On : 17 Mar 2020 10:52
 Operator : CG/JU
 Sample : L1903-12MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 17 13:10:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3169	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	10906	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	6628	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	2376	0.40	ng	0.10
27) Chrysene-d12	21.19	240	17710	0.40	ng	-0.01
34) Perylene-d12	23.36	264	20151	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	1187	0.16	ng	0.00
5) Phenol-d6	6.81	99	942	0.10	ng	0.00
8) Nitrobenzene-d5	8.76	82	4298	0.66	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	5916	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	844	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	20832	0.88	ng	0.00
25) Fluoranthene-d10	19.03	212	16640	2.27	ng	0.00
29) Terphenyl-d14	19.64	244	23311	0.58	ng	-0.01

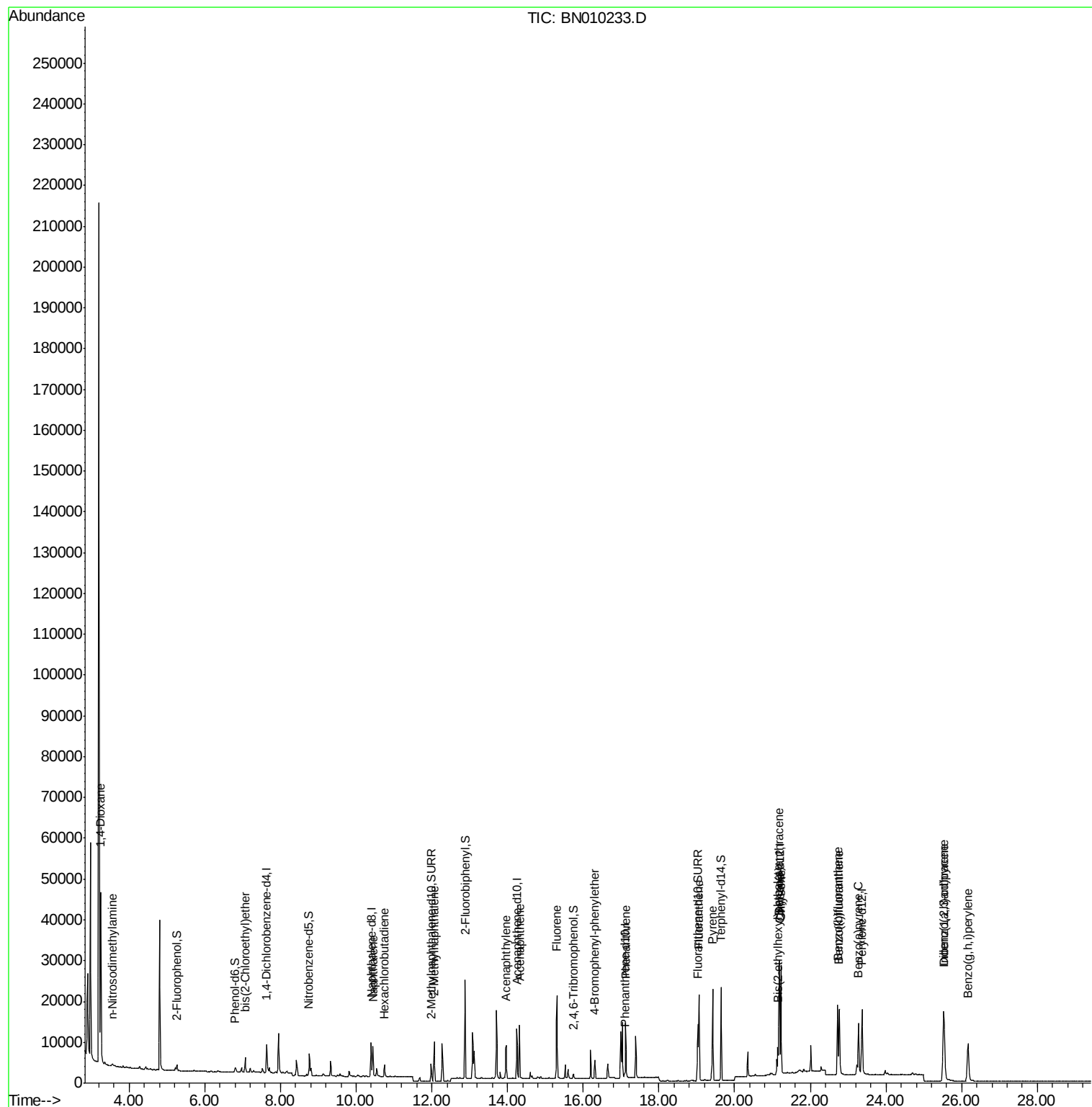
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	25427	8.224	ng	# 53
3) n-Nitrosodimethylamine	3.56	42	395	0.144	ng	# 13
6) bis(2-Chloroethyl)ether	7.07	93	2796	0.360	ng	95
9) Naphthalene	10.44	128	9751	0.357	ng	97
10) Hexachlorobutadiene	10.75	225	2318	0.368	ng	# 96
12) 2-Methylnaphthalene	12.06	142	6832	0.348	ng	95
16) Acenaphthylene	13.97	152	9789	0.320	ng	100
17) Acenaphthene	14.31	154	6486	0.350	ng	97
18) Fluorene	15.31	166	8754	0.346	ng	99
20) 4-Bromophenyl-phenylether	16.31	248	91	0.067	ng	# 18
23) Phenanthrene	17.12	178	13743	2.180	ng	99
26) Fluoranthene	19.06	202	19597	2.455	ng	99
28) Pyrene	19.42	202	20073	0.339	ng	99
30) Benzo(a)anthracene	21.17	228	19200	0.319	ng	99
31) Chrysene	21.23	228	21262	0.359	ng	97
32) Bis(2-ethylhexyl)phthalate	21.14	149	5548	0.216	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.52	276	22769	0.324	ng	98
35) Benzo(b)fluoranthene	22.72	252	20624	0.333	ng	99
36) Benzo(k)fluoranthene	22.77	252	22261	0.356	ng	99
37) Benzo(a)pyrene	23.27	252	18346	0.314	ng	99
38) Dibenzo(a,h)anthracene	25.54	278	19331	0.330	ng	98
39) Benzo(g,h,i)perylene	26.17	276	19657	0.336	ng	98

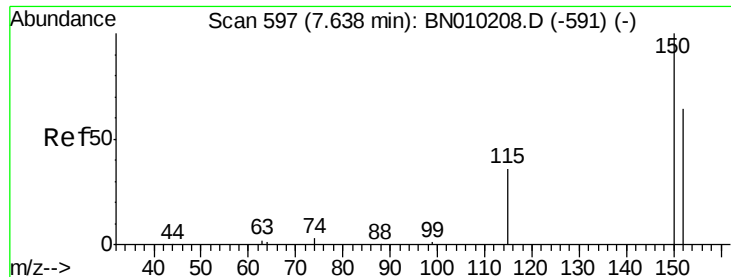
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
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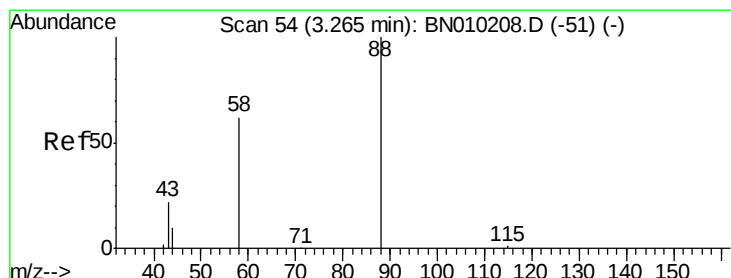
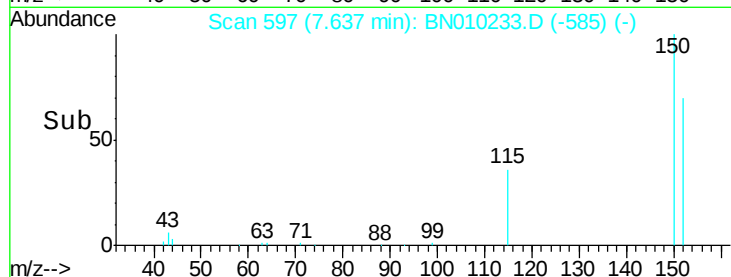
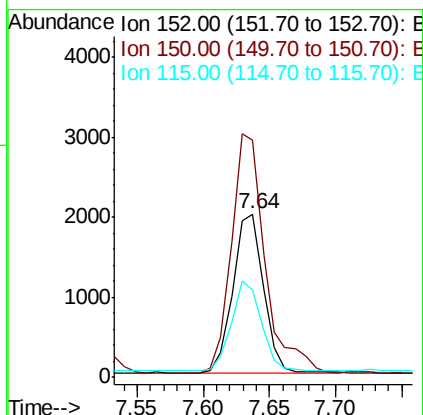
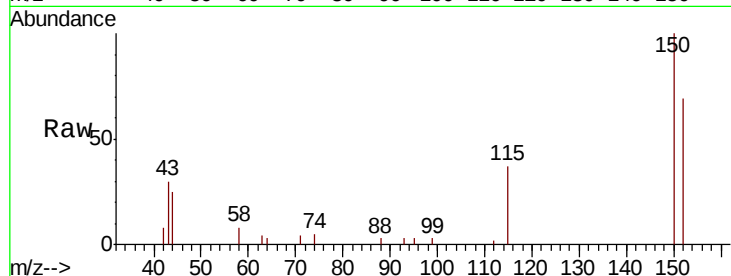


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. -0.00 min
Lab File: BN010233.D
Acq: 17 Mar 2020 10:52

Instrument :
BNA_N
ClientSampleId :

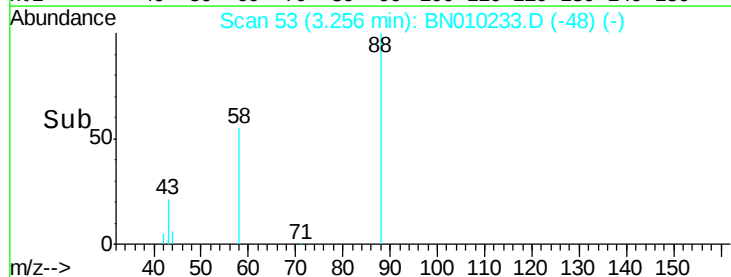
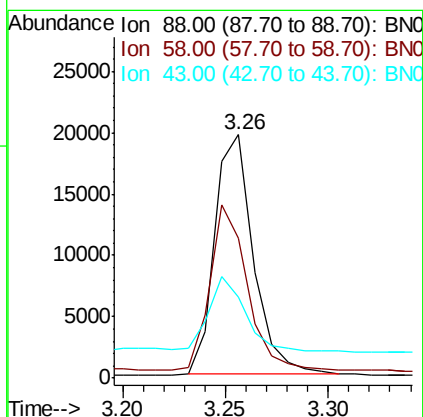
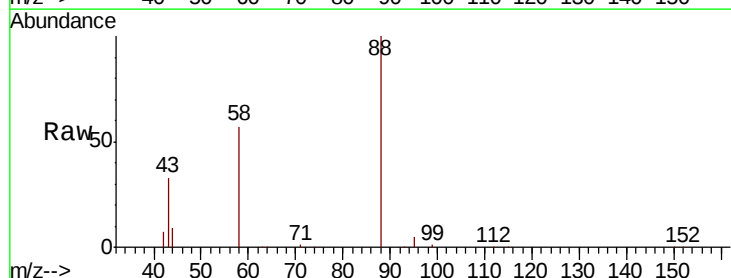
Tot Ion:152 Resp: 3169
Ion Ratio Lower Upper
152 100
150 145.4 119.5 179.3
115 53.8 50.9 76.3

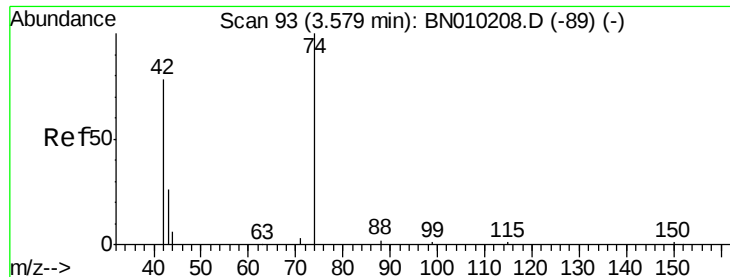


#2

1,4-Dioxane
Concen: 8.224 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010233.D
Acq: 17 Mar 2020 10:52

Tgt Ion: 88 Resp: 25427
Ion Ratio Lower Upper
88 100
58 64.7 97.8 146.8#
43 28.8 45.1 67.7#





#3

n-Nitrosodimethylamine

Concen: 0.144 ng

RT: 3.56 min Scan# 91

Delta R.T. -0.02 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

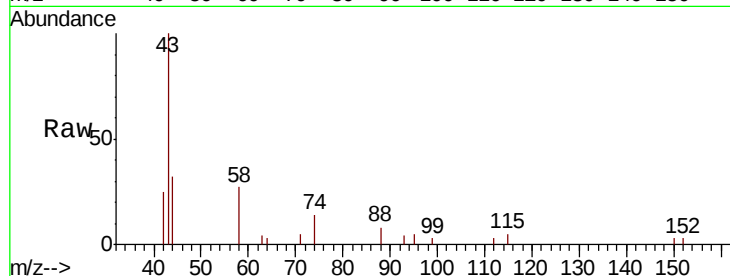
Tot Ion: 42 Resp: 395

Ion Ratio Lower Upper

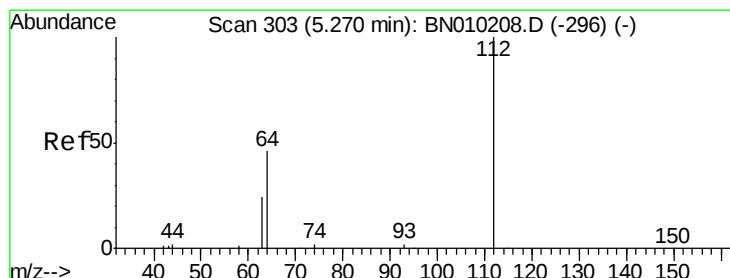
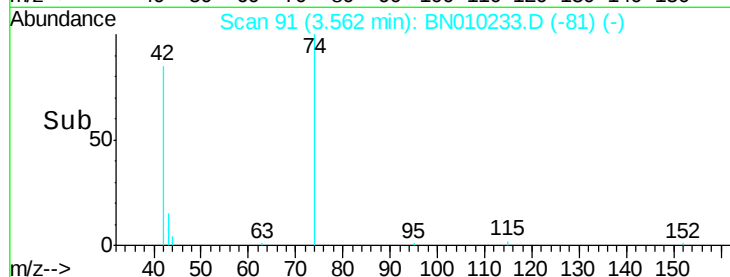
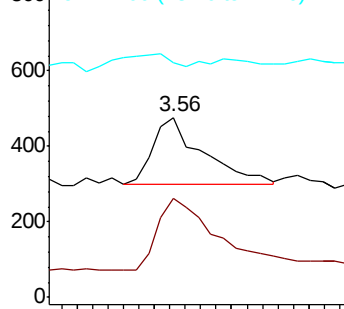
42 100

74 131.9 51.2 76.8#

44 31.9 2.6 4.0#



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: 0.160 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

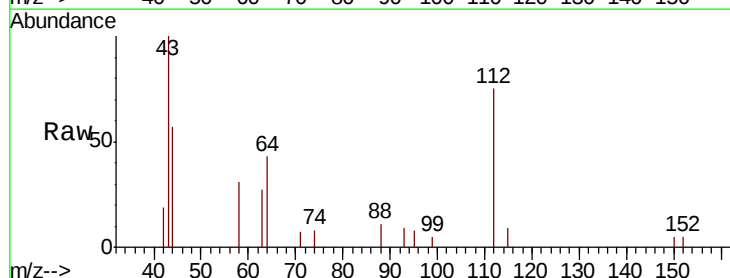
Tgt Ion: 112 Resp: 1187

Ion Ratio Lower Upper

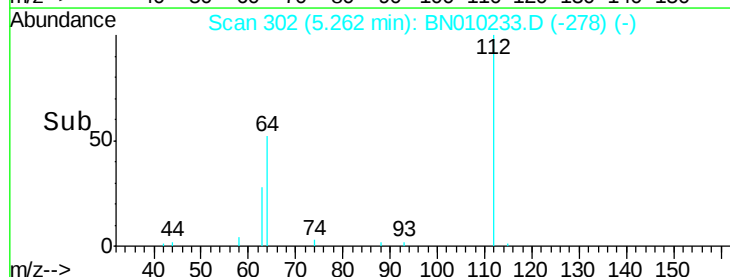
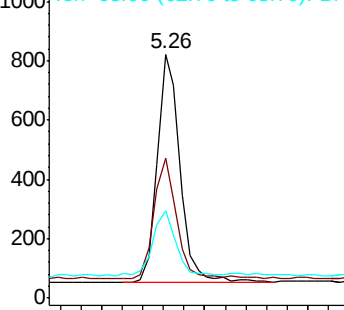
112 100

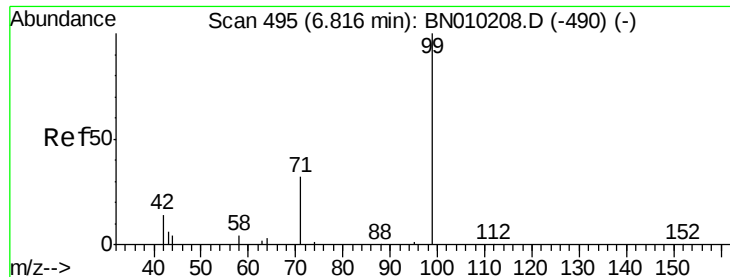
64 53.8 42.6 63.8

63 29.4 23.6 35.4



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: 0.101 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

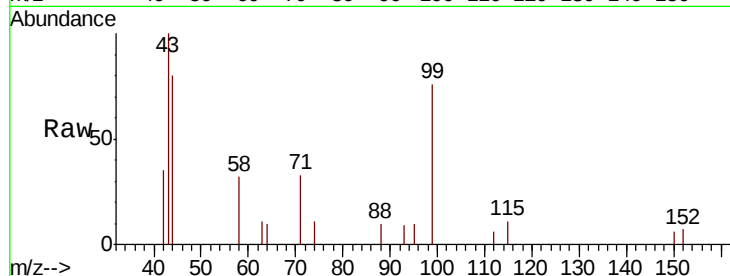
Tot Ion: 99 Resp: 942

Ion Ratio Lower Upper

99 100

42 25.4 12.0 18.0#

71 36.9 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)

6.81

800

600

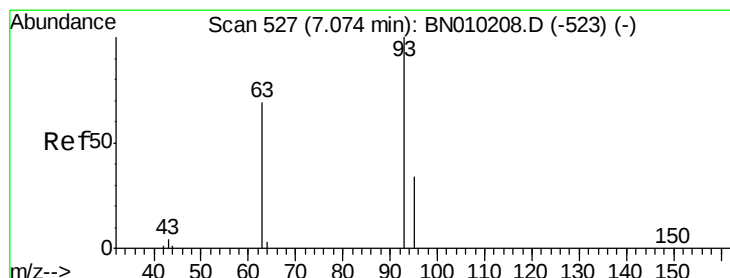
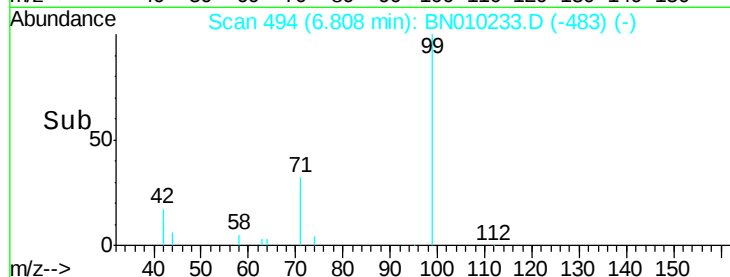
400

200

0

6.70 6.75 6.80 6.85 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.360 ng

RT: 7.07 min Scan# 526

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

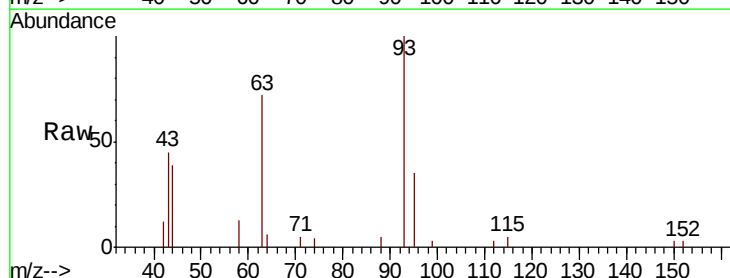
Tgt Ion: 93 Resp: 2796

Ion Ratio Lower Upper

93 100

63 70.5 53.4 80.0

95 32.7 28.6 42.8



Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

Ion 95.00 (94.70 to 95.70): BN010208.D (-523) (-)

2500

2000

1500

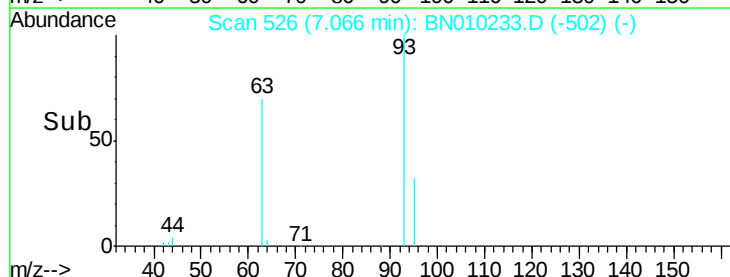
1000

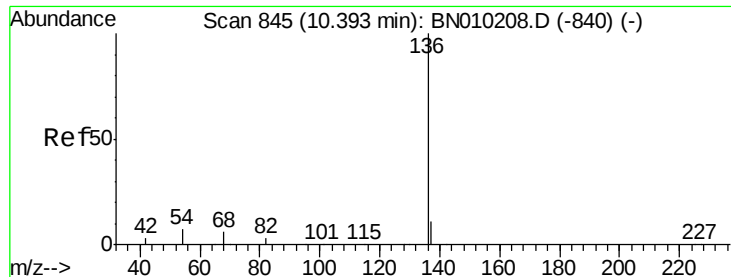
500

0

7.00 7.05 7.10 7.15 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 10906

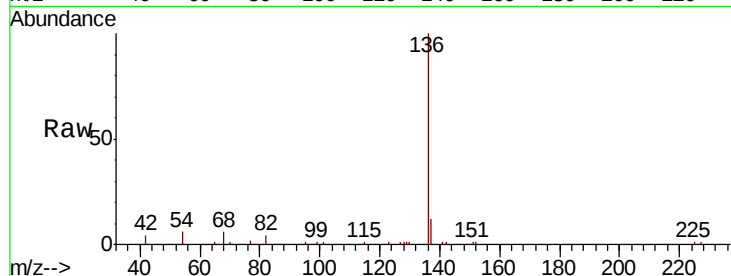
Ion Ratio Lower Upper

136 100

137 11.6 10.6 15.8

54 6.2 9.5 14.3#

68 5.7 9.7 14.5#

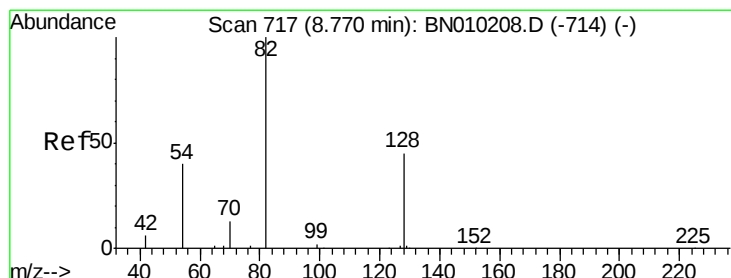
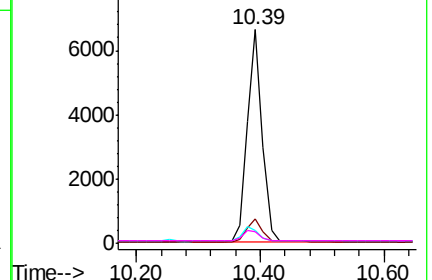
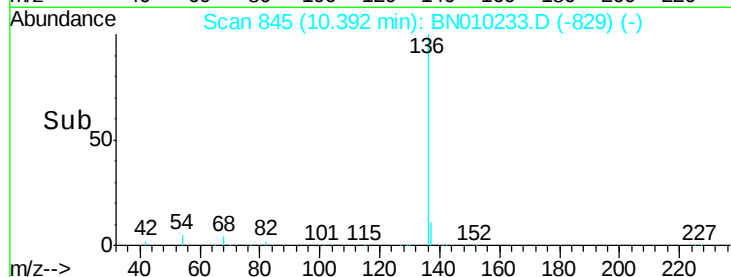


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.657 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

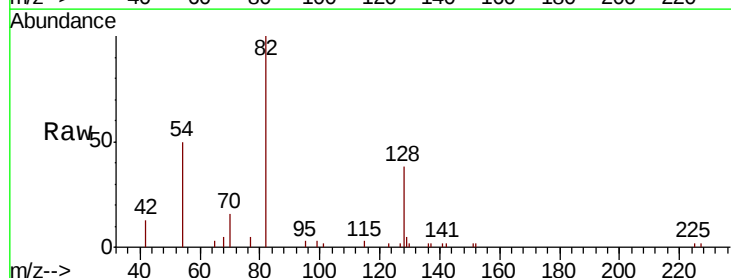
Tgt Ion: 82 Resp: 4298

Ion Ratio Lower Upper

82 100

128 38.4 35.0 52.6

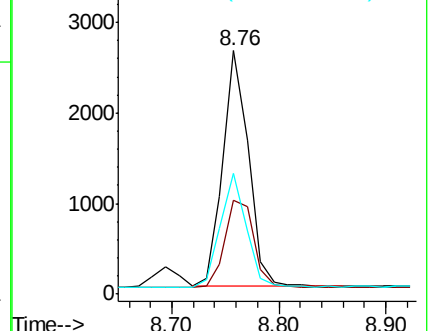
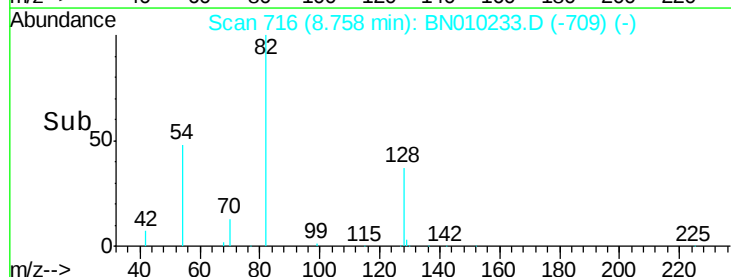
54 49.5 37.0 55.4

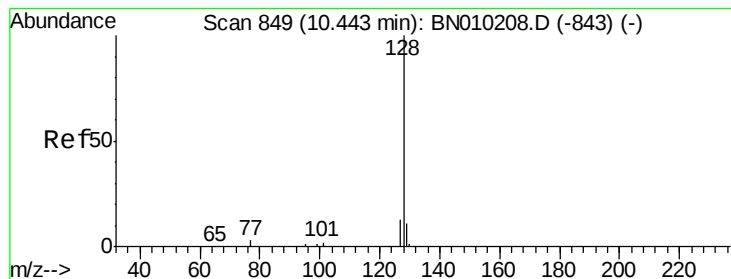


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.357 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.00 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

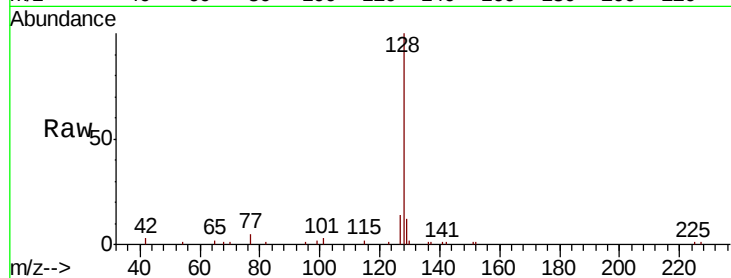
Tot Ion:128 Resp: 9751

Ion Ratio Lower Upper

128 100

129 11.8 10.5 15.7

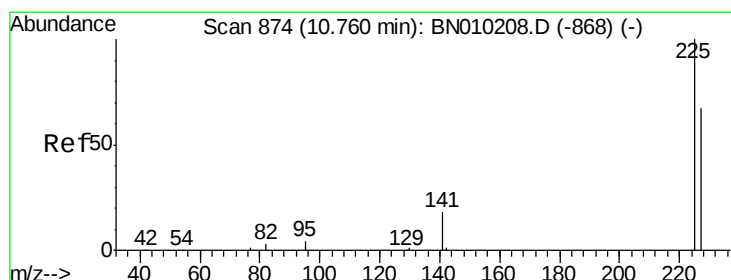
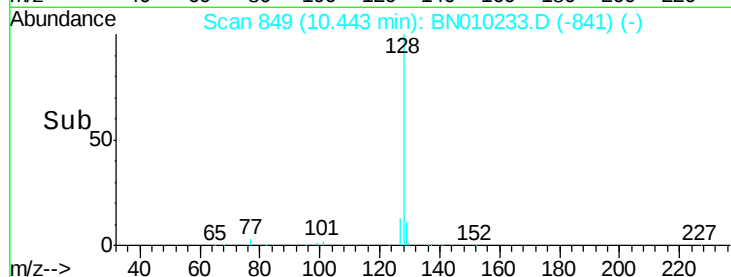
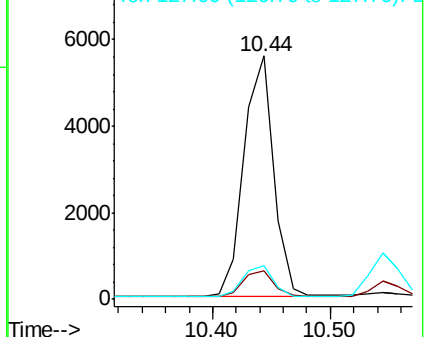
127 13.7 12.1 18.1



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: 0.368 ng

RT: 10.75 min Scan# 873

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

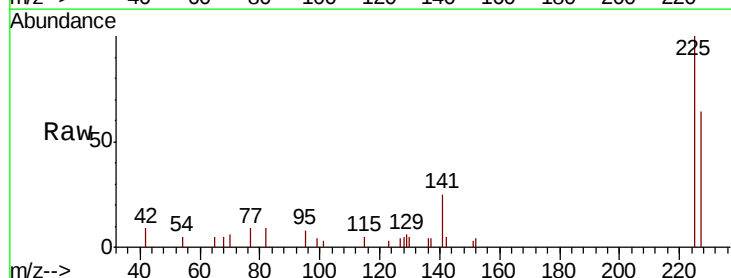
Tgt Ion:225 Resp: 2318

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

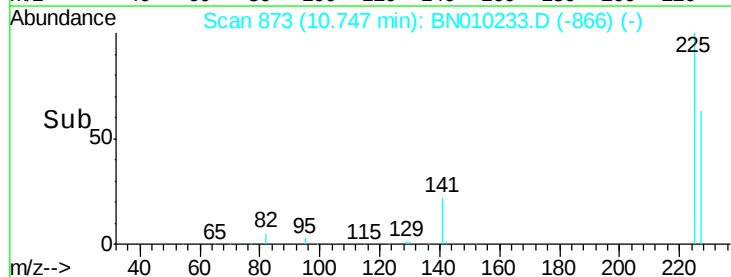
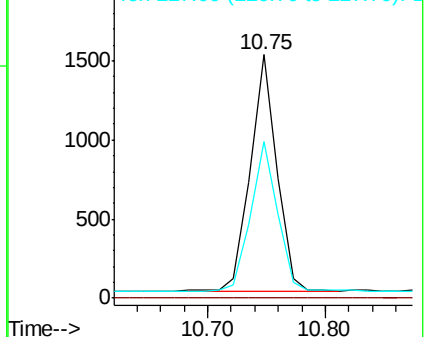
227 63.6 53.4 80.2

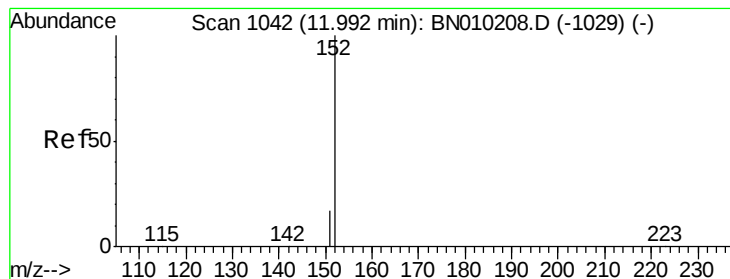


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 11.98 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

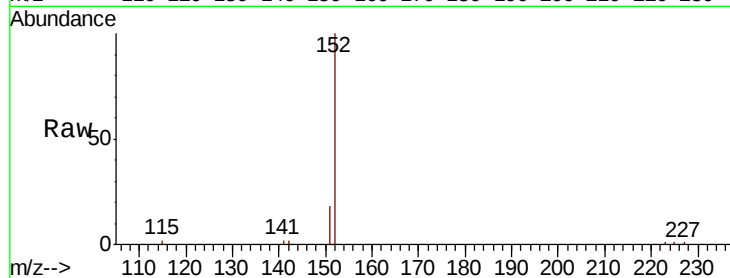
ClientSampleId :

Tot Ion:152 Resp: 5916

Ion Ratio Lower Upper

152 100

151 19.1 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.98

4000

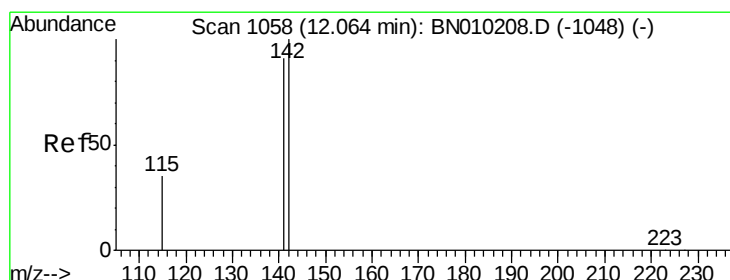
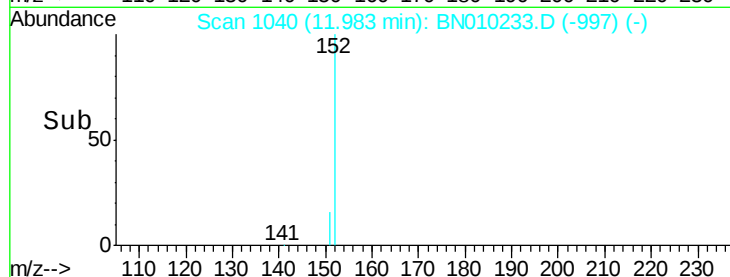
3000

2000

1000

0

Time--> 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.348 ng

RT: 12.06 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

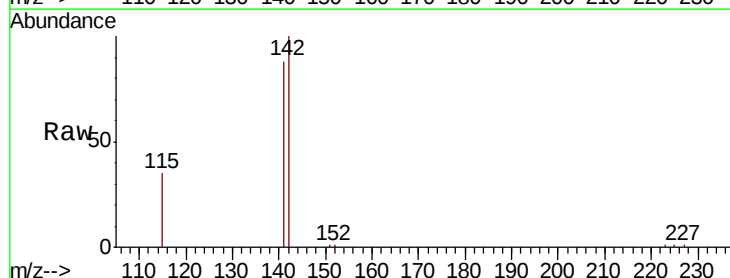
Tgt Ion:142 Resp: 6832

Ion Ratio Lower Upper

142 100

141 87.7 73.7 110.5

115 35.4 31.2 46.8



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

12.06

6000

5000

4000

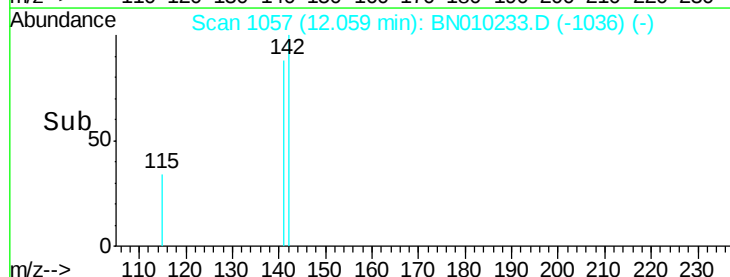
3000

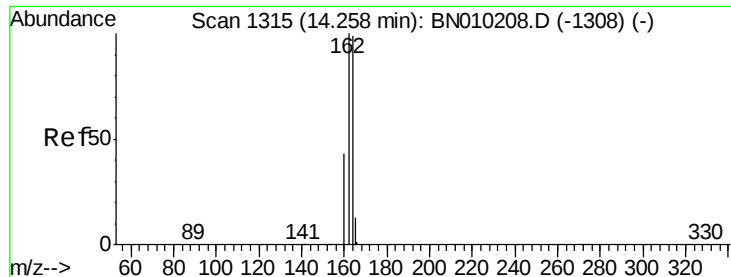
2000

1000

0

Time--> 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

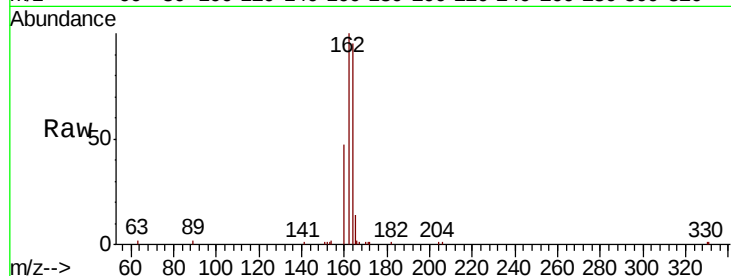
Tot Ion:164 Resp: 6628

Ion Ratio Lower Upper

164 100

162 105.2 81.0 121.4

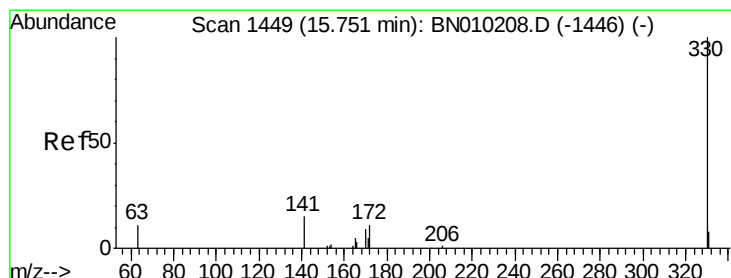
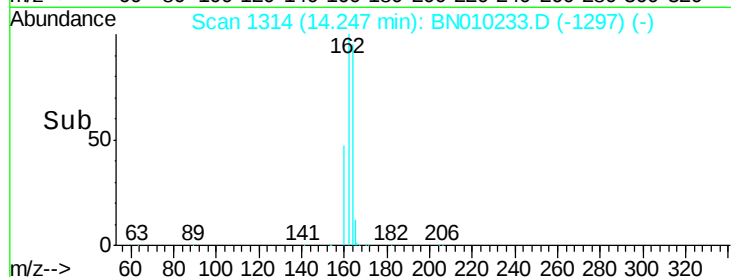
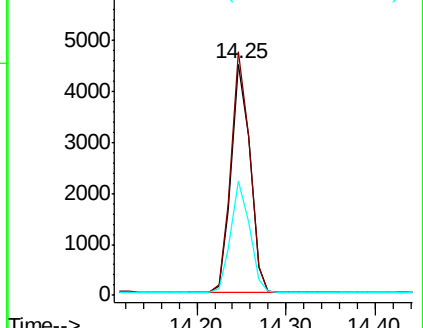
160 49.6 35.6 53.4



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: 0.356 ng

RT: 15.74 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

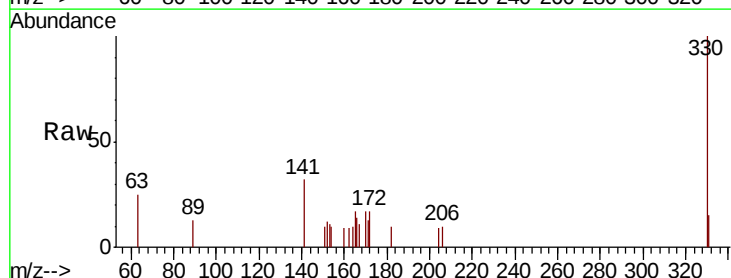
Tgt Ion:330 Resp: 844

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

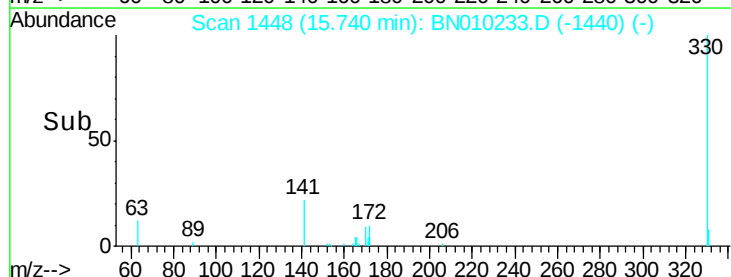
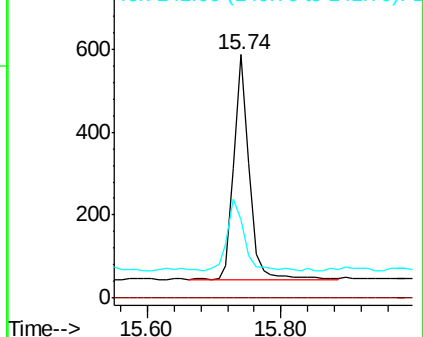
141 35.8 25.1 37.7

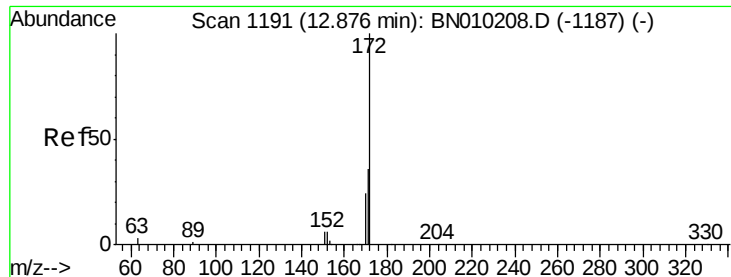


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

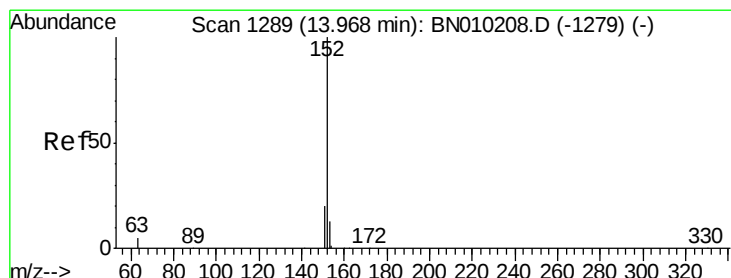
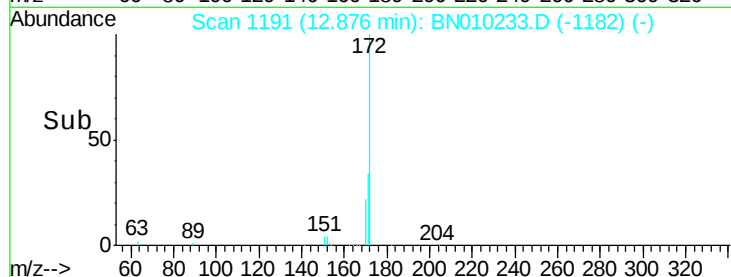
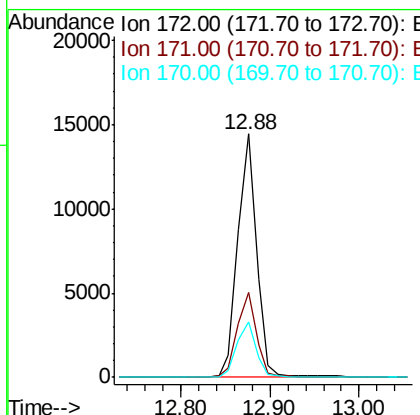
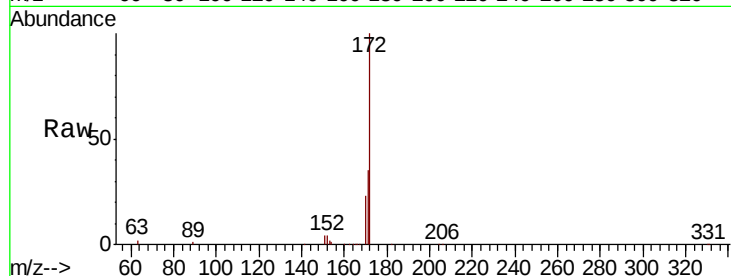




#15
2-Fluorobiphenyl
Concen: 0.883 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010233.D
Acq: 17 Mar 2020 10:52

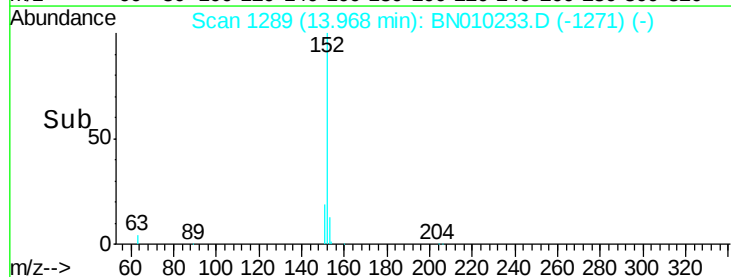
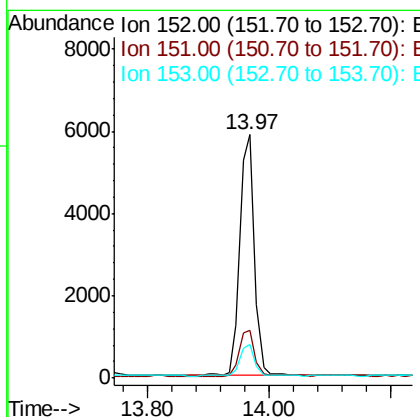
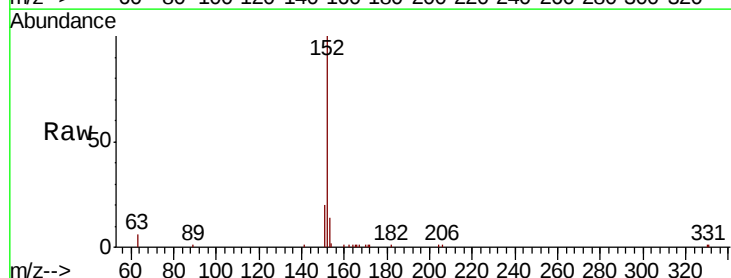
Instrument :
BNA_N
ClientSampleId :

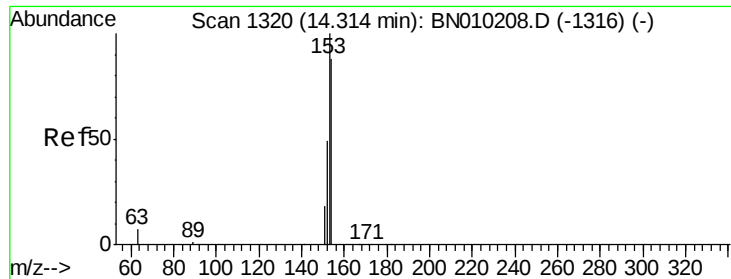
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.4	44.2
170	22.7	20.2	30.4



#16
Acenaphthylene
Concen: 0.320 ng
RT: 13.97 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BN010233.D
Acq: 17 Mar 2020 10:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.1	10.6	16.0

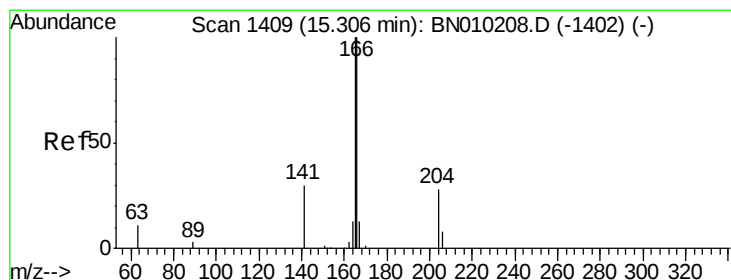
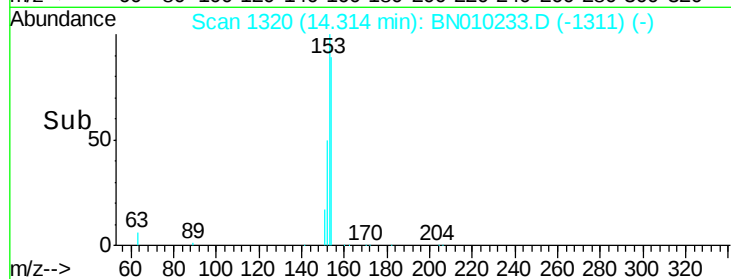
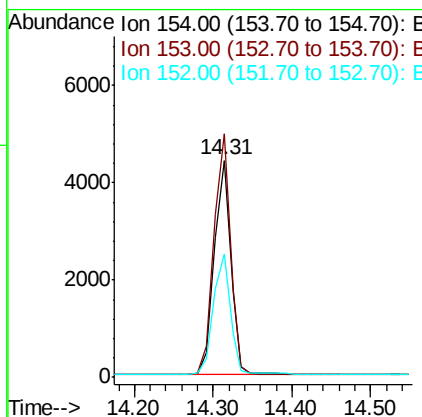
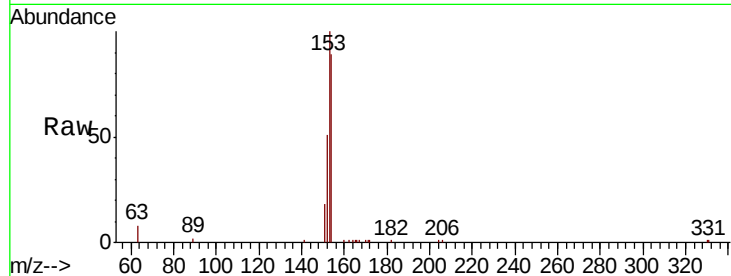




#17
Acenaphthene
Concen: 0.350 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN010233.D
Acq: 17 Mar 2020 10:52

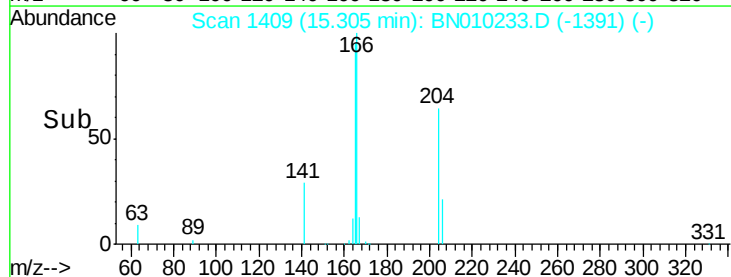
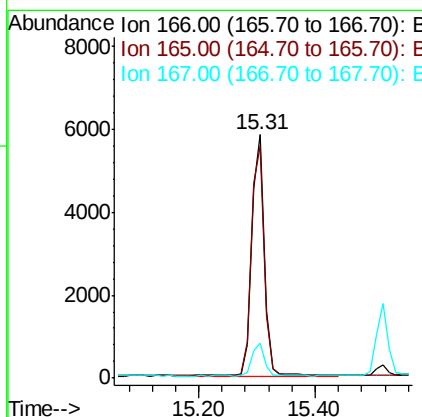
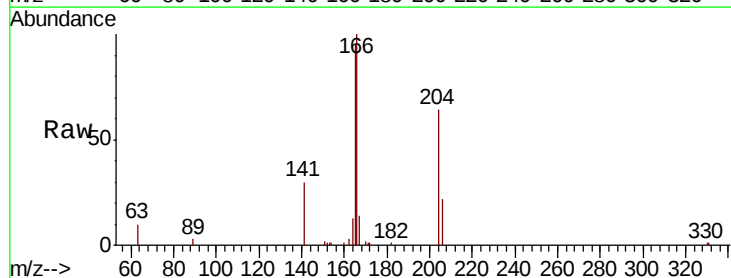
Instrument :
BNA_N
ClientSampleId :

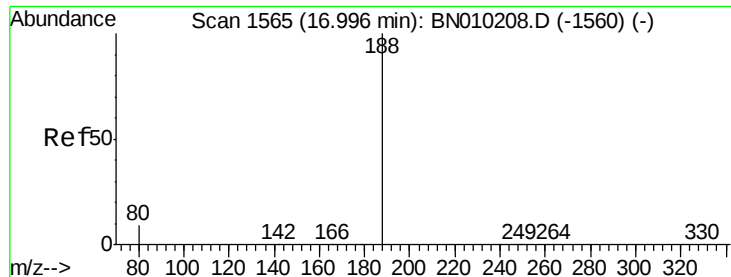
Tot Ion:154 Resp: 6486
Ion Ratio Lower Upper
154 100
153 111.3 90.3 135.5
152 57.3 42.9 64.3



#18
Fluorene
Concen: 0.346 ng
RT: 15.31 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BN010233.D
Acq: 17 Mar 2020 10:52

Tgt Ion:166 Resp: 8754
Ion Ratio Lower Upper
166 100
165 97.0 78.3 117.5
167 13.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.10 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampled :

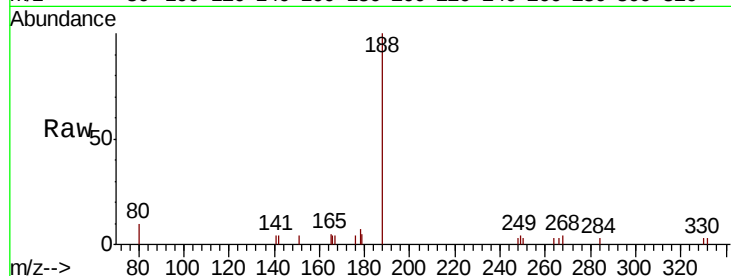
Tot Ion:188 Resp: 2376

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

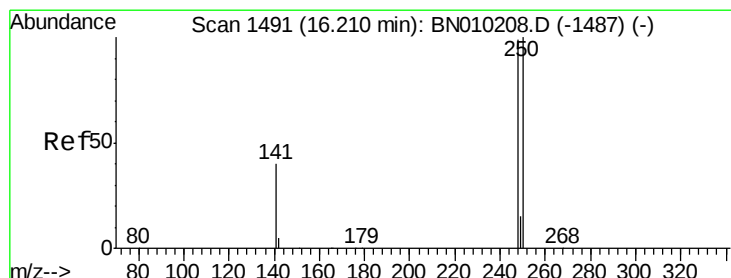
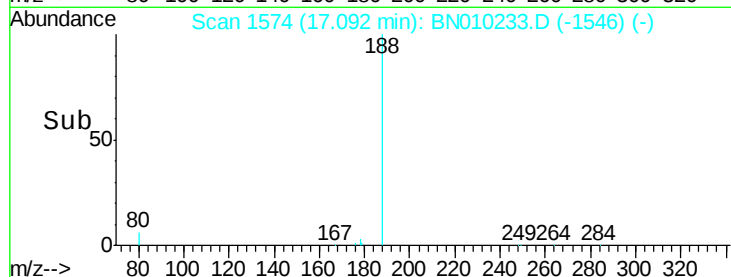
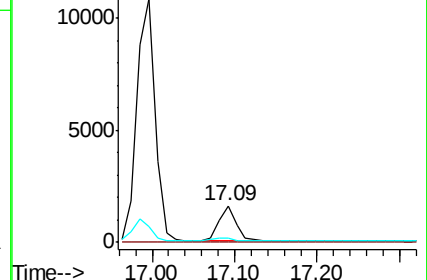
80 10.3 8.6 12.8



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: 0.067 ng

RT: 16.31 min Scan# 1500

Delta R.T. 0.10 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

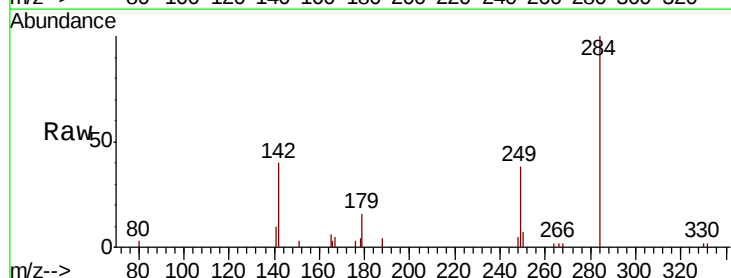
Tgt Ion:248 Resp: 91

Ion Ratio Lower Upper

248 100

250 125.9 81.2 121.8#

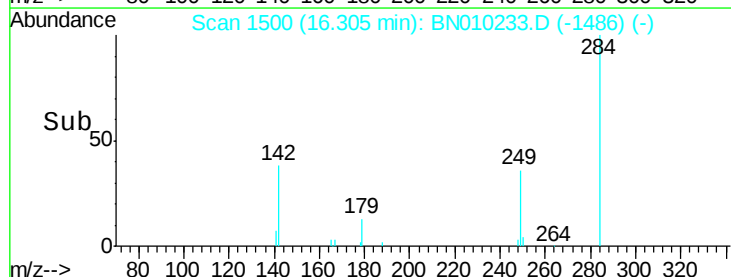
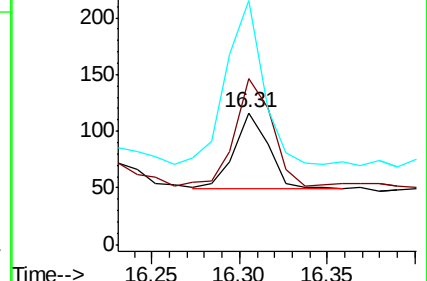
141 185.3 36.7 55.1#

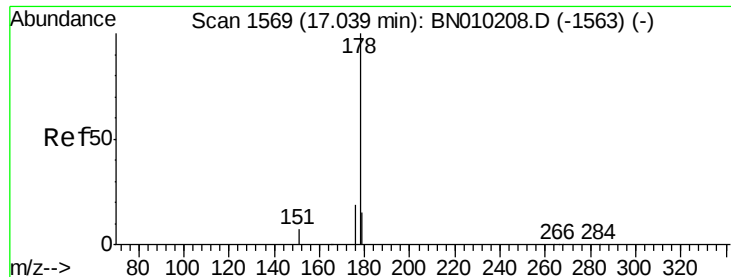


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#23

Phenanthrene

Concen: 2.180 ng

RT: 17.12 min Scan# 1577

Delta R.T. 0.08 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

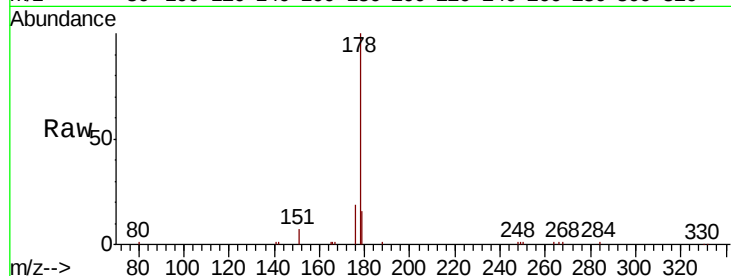
Tot Ion:178 Resp: 13743

Ion Ratio Lower Upper

178 100

176 17.7 15.0 22.4

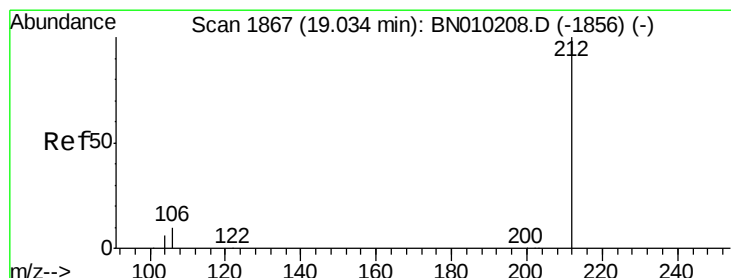
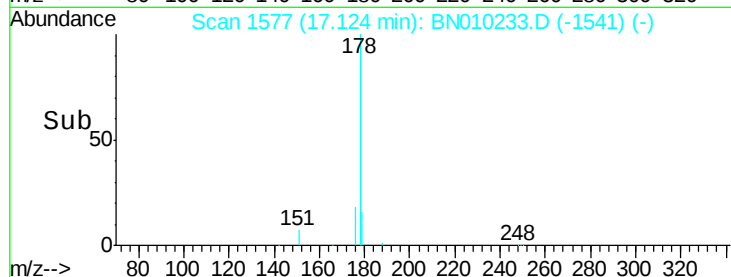
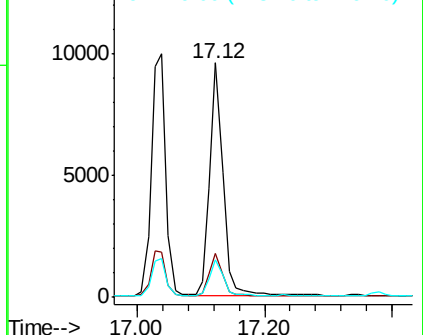
179 15.4 12.5 18.7



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: 2.268 ng

RT: 19.03 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

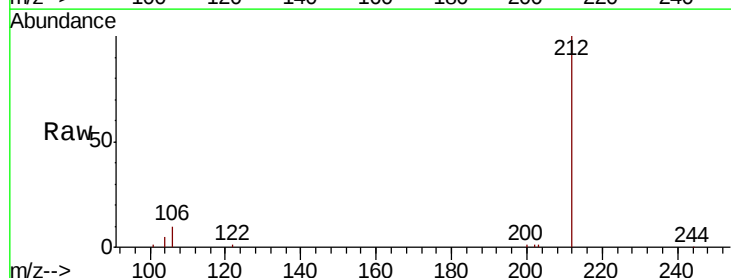
Tgt Ion:212 Resp: 16640

Ion Ratio Lower Upper

212 100

106 9.6 8.1 12.1

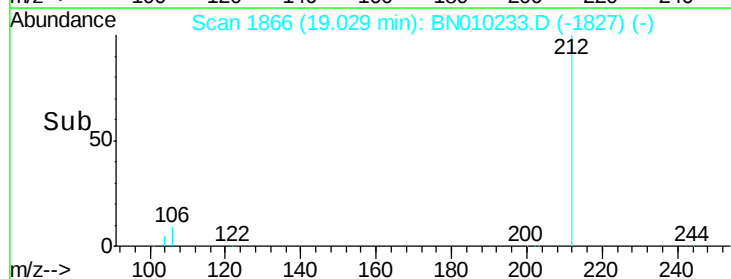
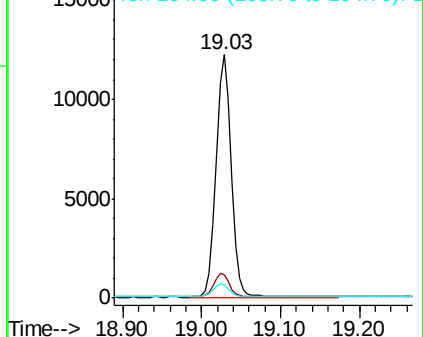
104 5.3 4.7 7.1

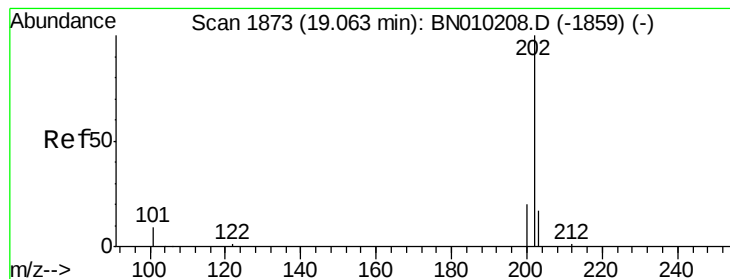


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 2.455 ng

RT: 19.06 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

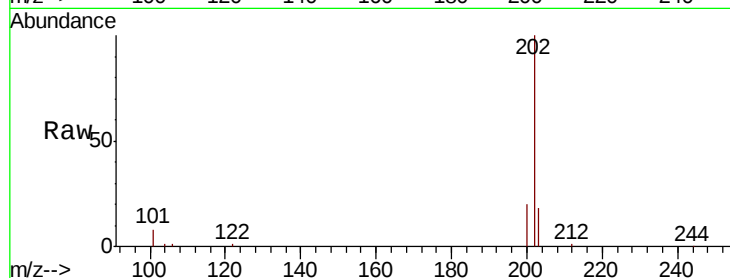
Tot Ion:202 Resp: 19597

Ion Ratio Lower Upper

202 100

101 8.3 7.0 10.6

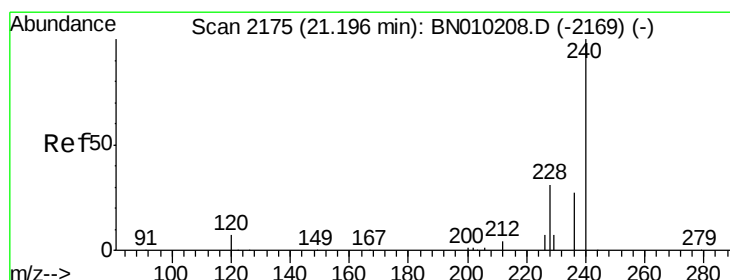
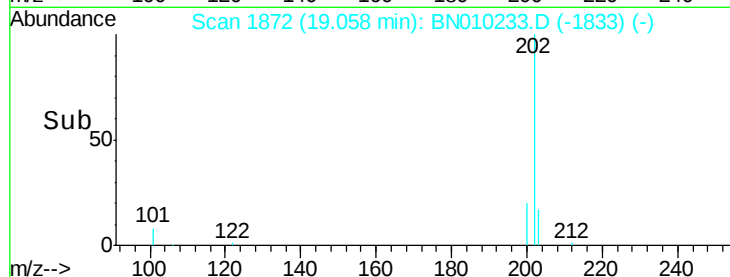
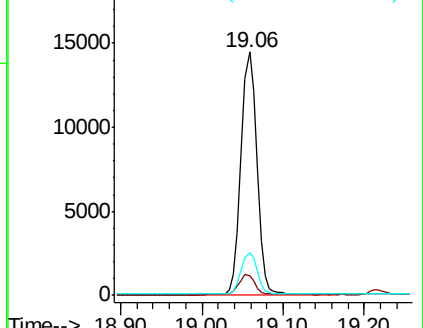
203 17.2 13.9 20.9



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: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

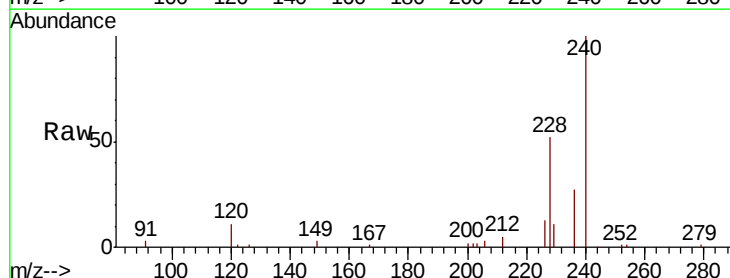
Tgt Ion:240 Resp: 17710

Ion Ratio Lower Upper

240 100

120 11.2 7.7 11.5

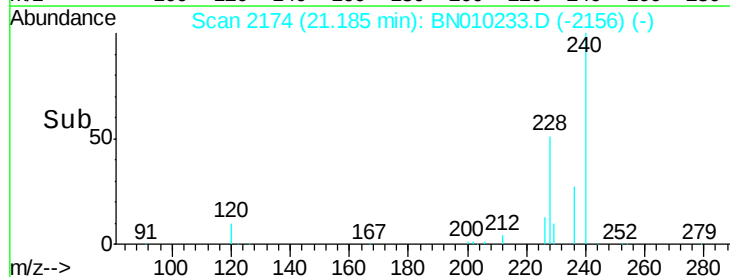
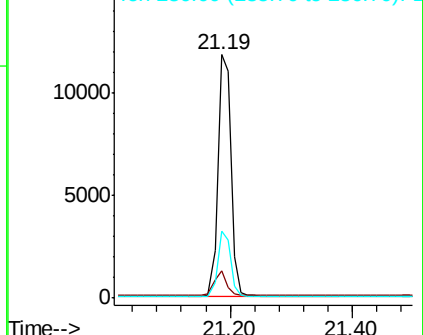
236 27.5 21.8 32.6

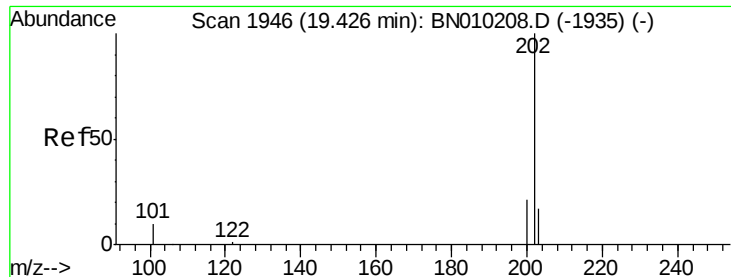


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

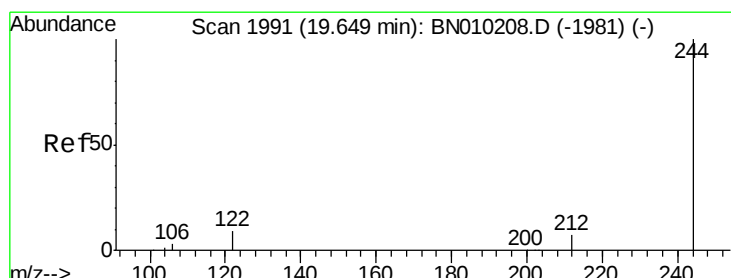
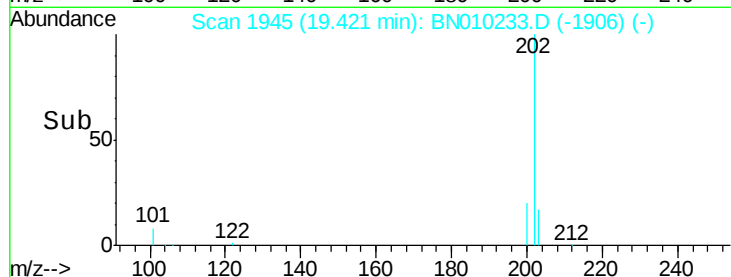
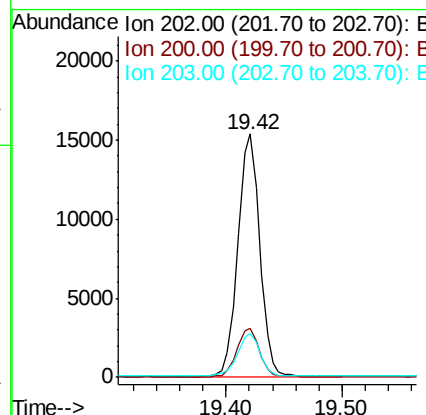
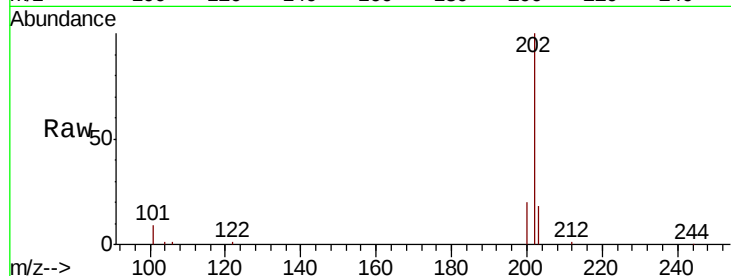




#28
Pvrene
Concen: 0.339 ng
RT: 19.42 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BN010233.D
Acq: 17 Mar 2020 10:52

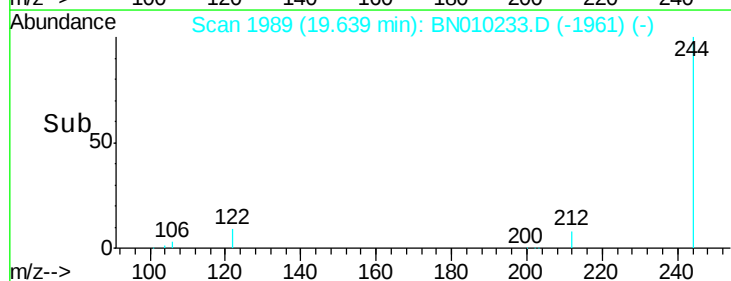
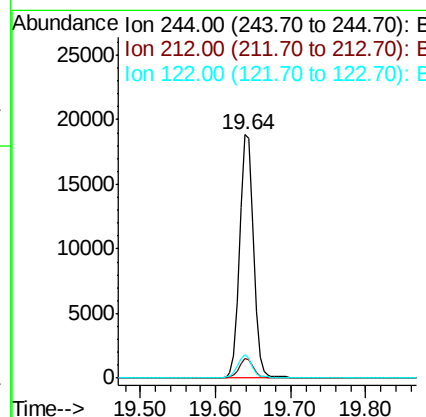
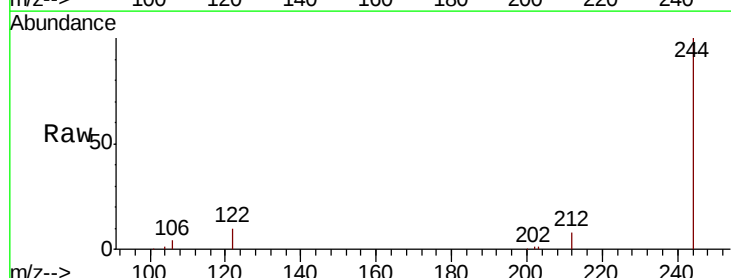
Instrument :
BNA_N
ClientSampleId :

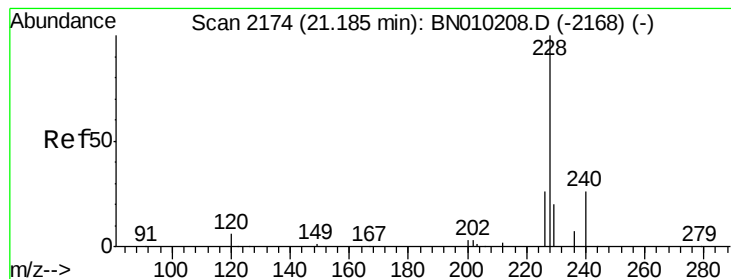
Tot Ion:202 Resp: 20073
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 18.0 14.1 21.1



#29
Terphenyl-d14
Concen: 0.577 ng
RT: 19.64 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BN010233.D
Acq: 17 Mar 2020 10:52

Tgt Ion:244 Resp: 23311
Ion Ratio Lower Upper
244 100
212 8.0 6.4 9.6
122 9.8 8.1 12.1





#30

Benzo(a)anthracene

Concen: 0.319 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

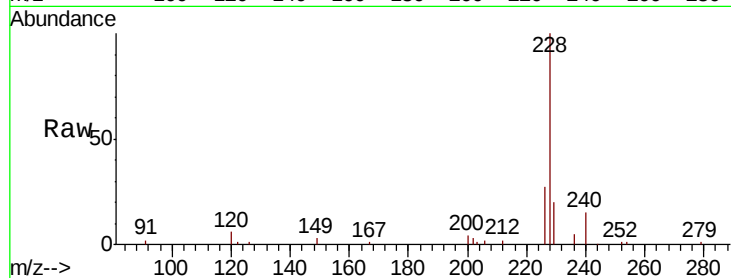
Tot Ion:228 Resp: 19200

Ion Ratio Lower Upper

228 100

226 26.5 21.1 31.7

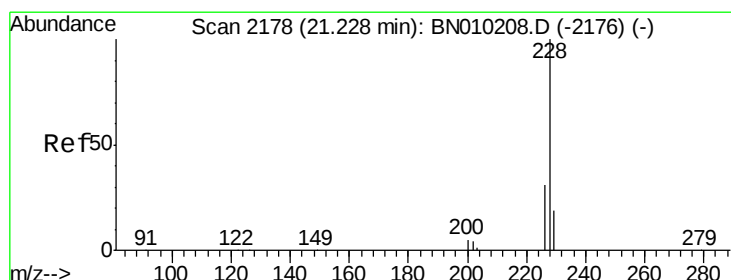
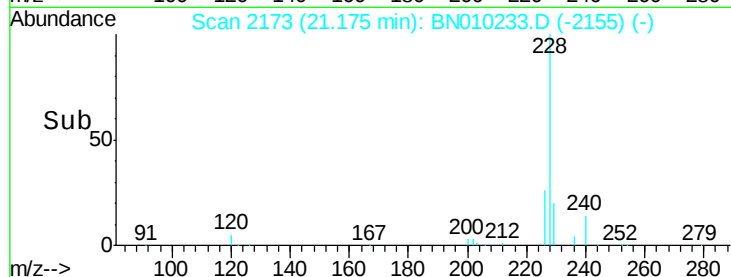
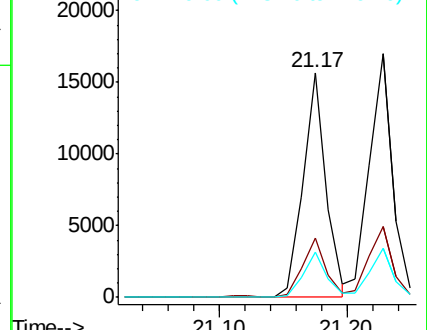
229 19.9 16.2 24.4



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: 0.359 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

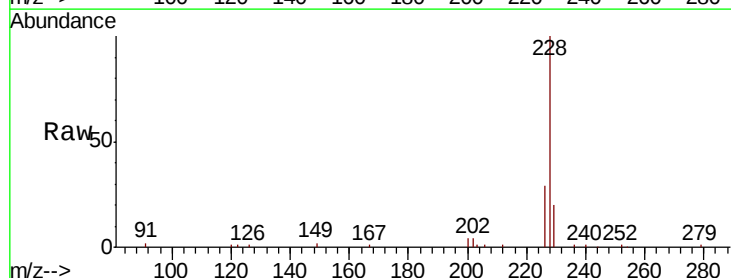
Tgt Ion:228 Resp: 21262

Ion Ratio Lower Upper

228 100

226 29.0 25.0 37.4

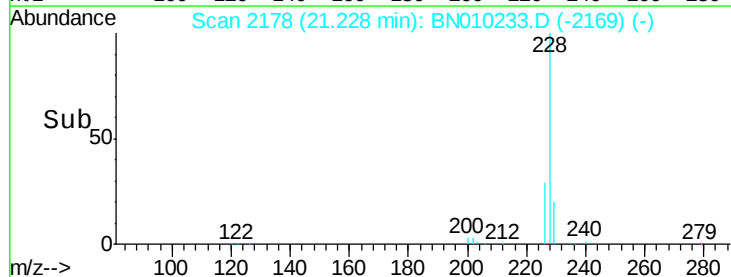
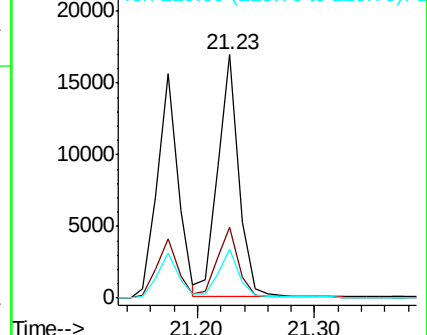
229 20.1 15.7 23.5

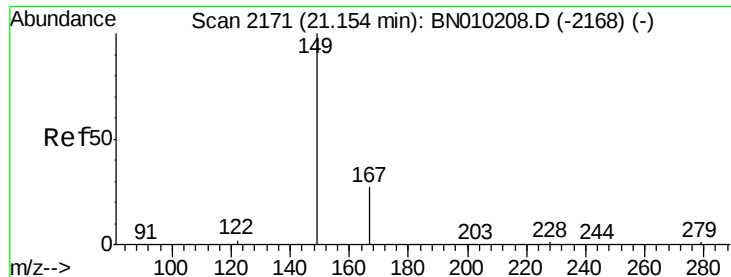


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.216 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

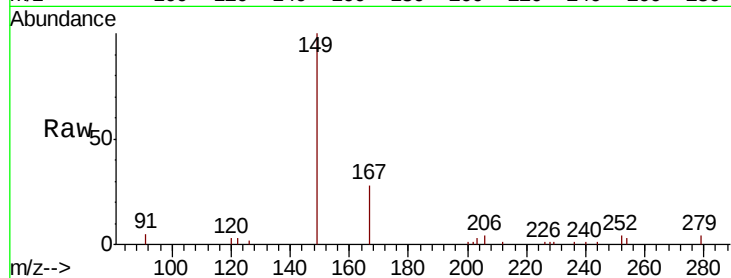
Tot Ion:149 Resp: 5548

Ion Ratio Lower Upper

149 100

167 28.6 21.0 31.4

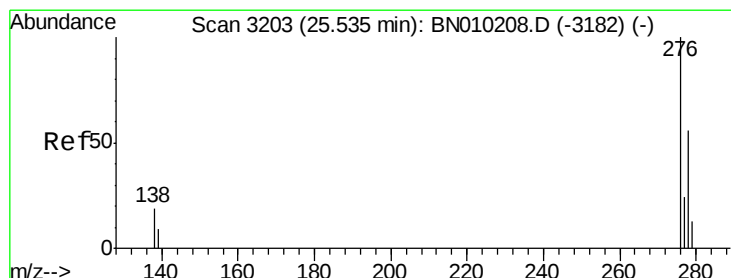
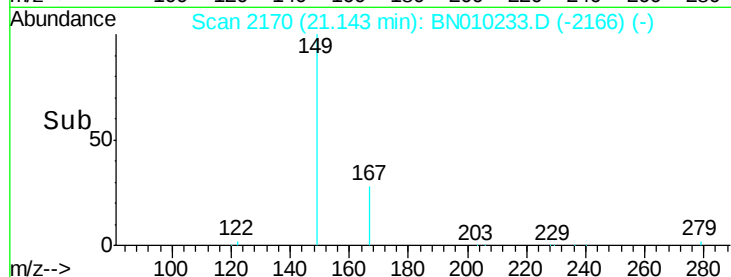
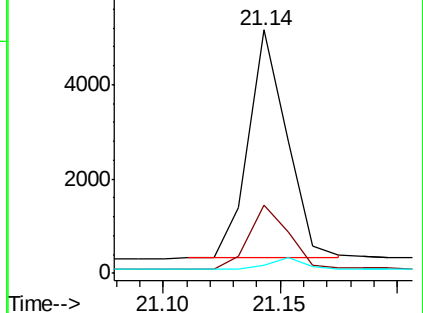
279 5.1 3.1 4.7#



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: 0.324 ng

RT: 25.52 min Scan# 3198

Delta R.T. -0.02 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

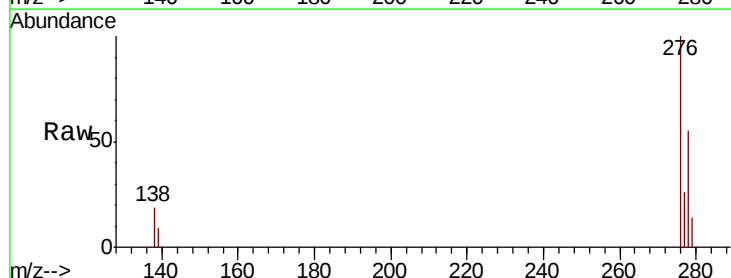
Tgt Ion:276 Resp: 22769

Ion Ratio Lower Upper

276 100

138 19.1 15.8 23.6

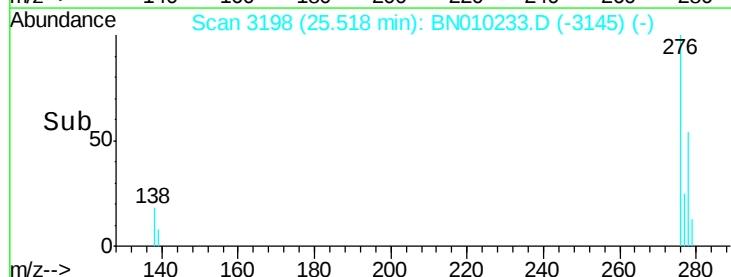
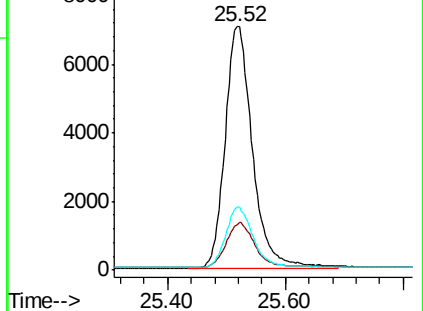
277 25.1 19.3 28.9

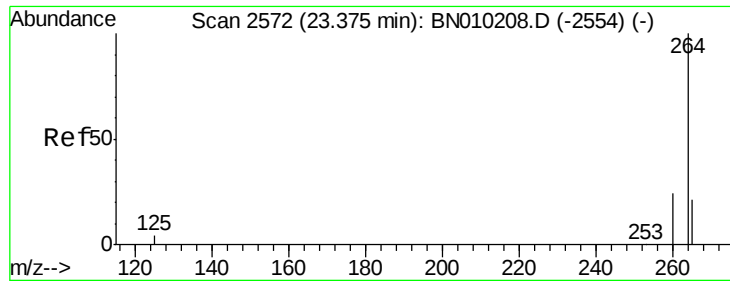


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

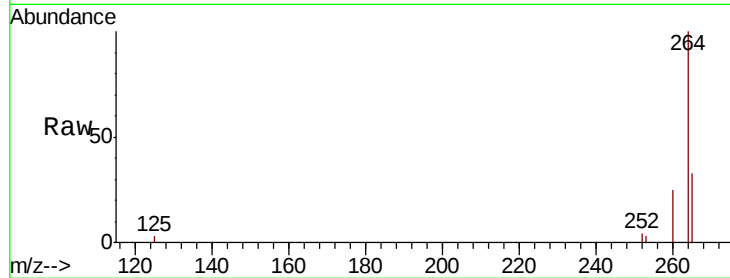
Tot Ion:264 Resp: 20151

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

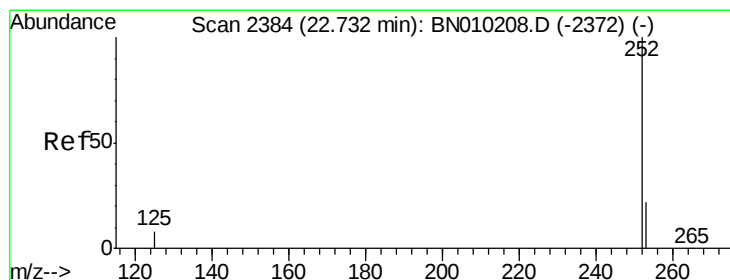
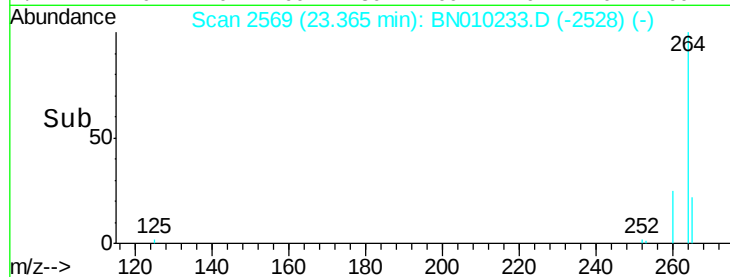
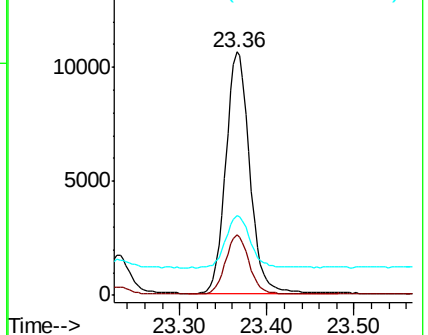
265 32.8 25.8 38.6



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: 0.333 ng

RT: 22.72 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

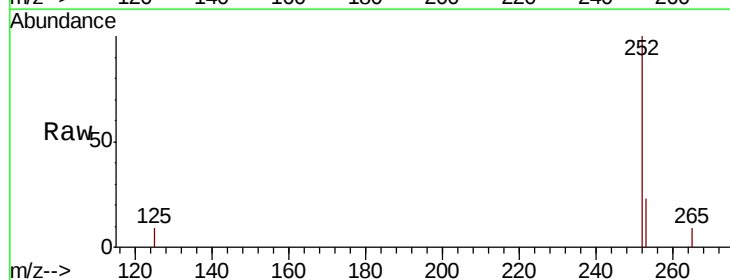
Tgt Ion:252 Resp: 20624

Ion Ratio Lower Upper

252 100

253 23.5 18.6 28.0

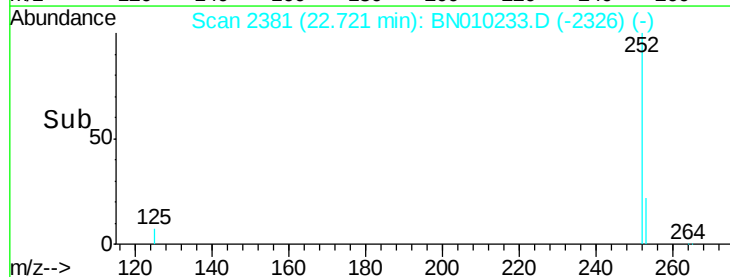
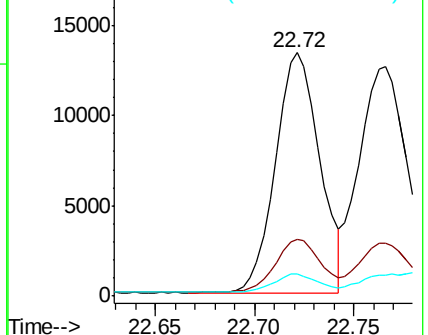
125 9.0 7.9 11.9

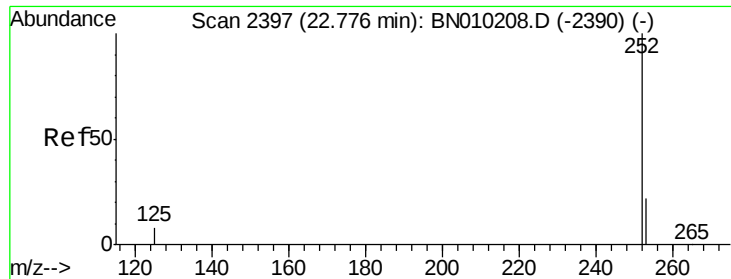


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 0.356 ng

RT: 22.77 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

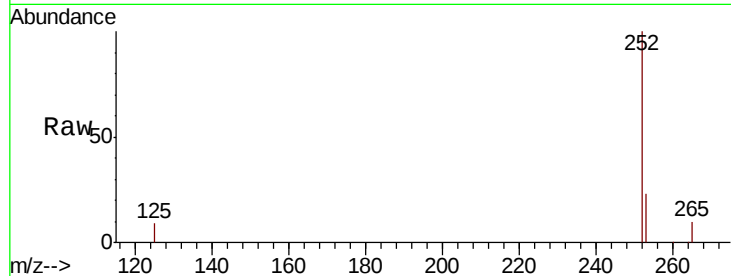
Tot Ion:252 Resp: 22261

Ion Ratio Lower Upper

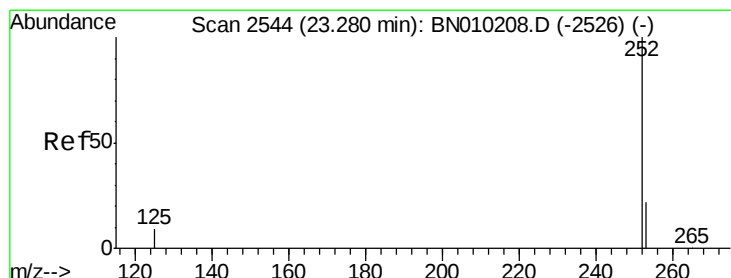
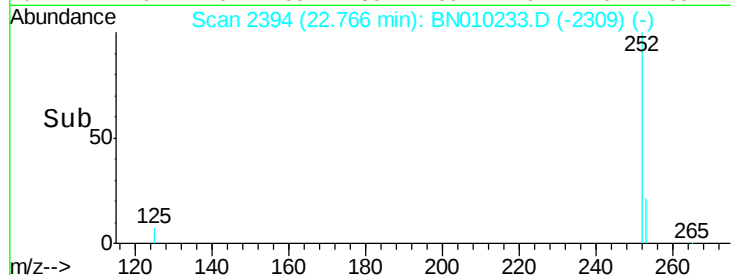
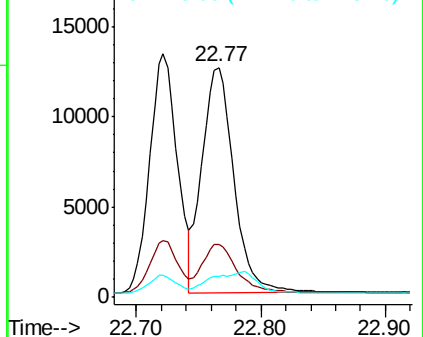
252 100

253 23.1 18.8 28.2

125 9.2 8.2 12.4



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: 0.314 ng

RT: 23.27 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

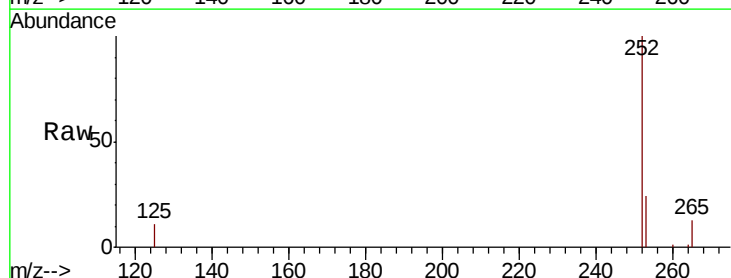
Tgt Ion:252 Resp: 18346

Ion Ratio Lower Upper

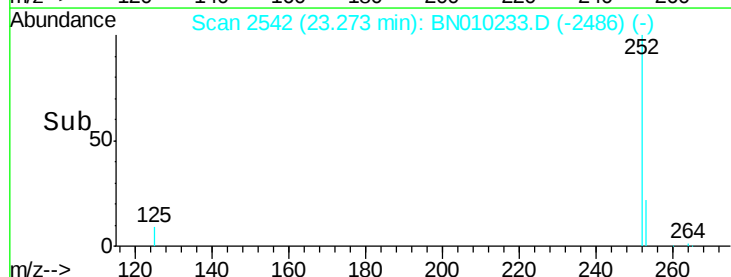
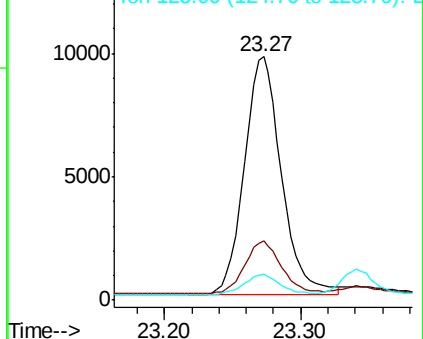
252 100

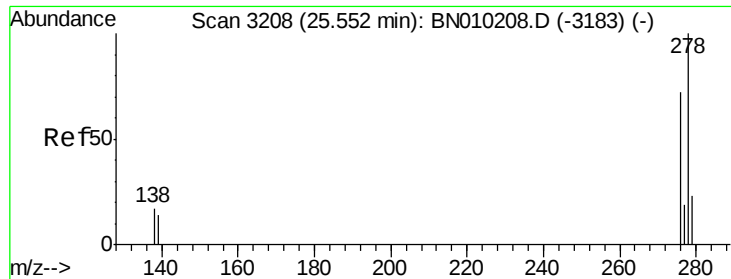
253 24.1 19.1 28.7

125 10.6 9.2 13.8



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





#38

Dibenzo(a,h)anthracene

Concen: 0.330 ng

RT: 25.54 min Scan# 3203

Delta R.T. -0.02 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

Instrument :

BNA_N

ClientSampleId :

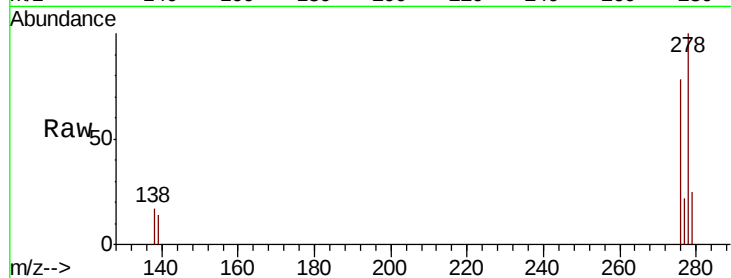
Tot Ion:278 Resp: 19331

Ion Ratio Lower Upper

278 100

139 13.9 12.4 18.6

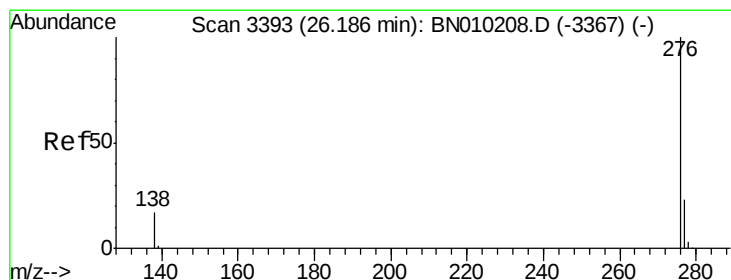
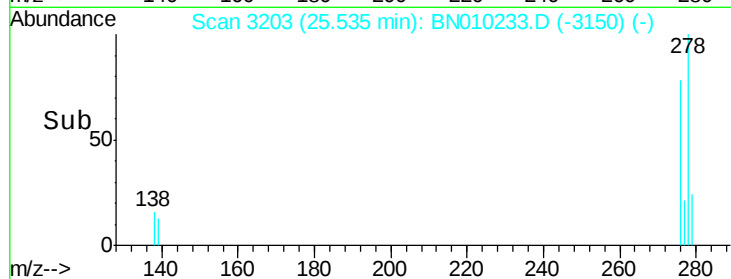
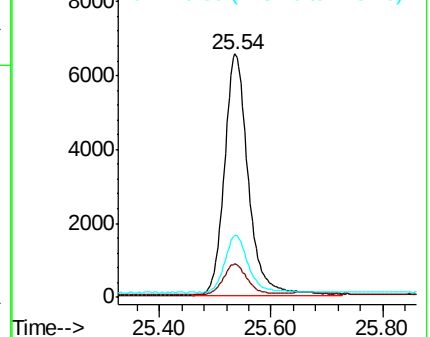
279 25.3 20.2 30.2



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(g,h,i)perylene

Concen: 0.336 ng

RT: 26.17 min Scan# 3388

Delta R.T. -0.02 min

Lab File: BN010233.D

Acq: 17 Mar 2020 10:52

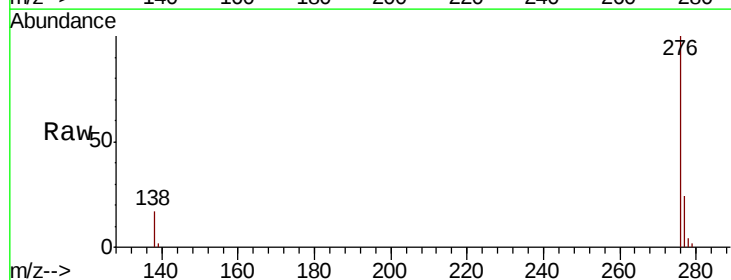
Tgt Ion:276 Resp: 19657

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 17.1 15.4 23.2



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

