

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000186.D
 Acq On : 27 Feb 2018 12:08
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 27 14:18:32 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 14:08:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5991	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	22698	0.40	ng	0.00
13) Acenaphthene-d10	15.07	164	11694	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	23993	0.40	ng	0.00
27) Chrysene-d12	21.90	240	25262	0.40	ng	0.00
34) Perylene-d12	24.37	264	19124	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.93	112	40537	3.20	ng	0.00
5) Phenol-d6	7.58	99	54852	3.41	ng	0.00
8) Nitrobenzene-d5	9.63	82	46227	3.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	111063	3.25	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	15326	3.94	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	173528	3.13	ng	0.00
25) Fluoranthene-d10	19.77	212	220205	3.43	ng	0.00
29) Terphenyl-d14	20.33	244	139797	3.15	ng	0.00

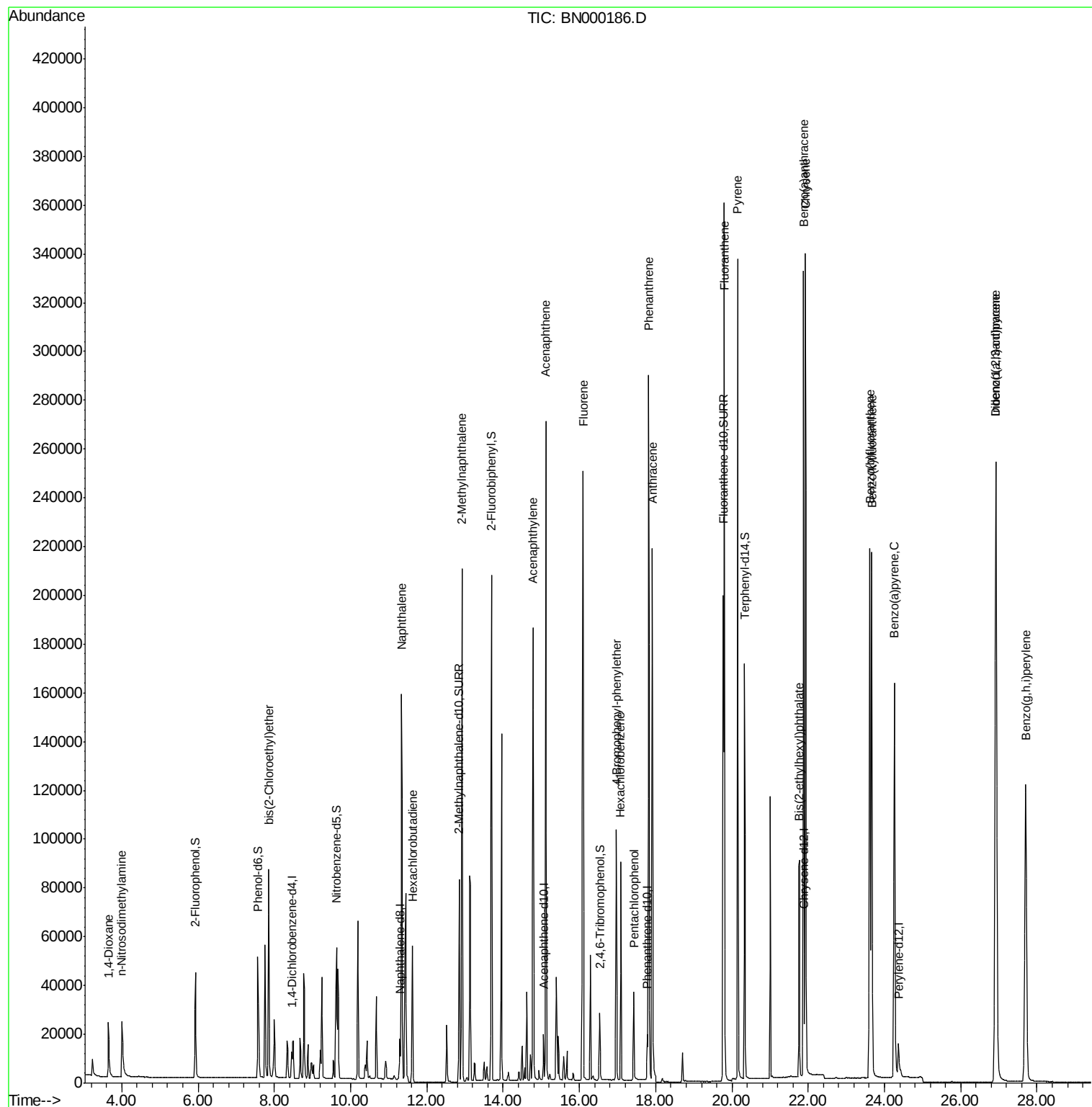
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	20119	2.876	ng	95
3) n-Nitrosodimethylamine	4.00	42	17182	3.721	ng	# 98
6) bis(2-Chloroethyl)ether	7.85	93	65445	3.205	ng	98
9) Naphthalene	11.34	128	209629	3.160	ng	97
10) Hexachlorobutadiene	11.62	225	35610	3.163	ng	97
12) 2-Methylnaphthalene	12.92	142	143155	3.294	ng	99
16) Acenaphthylene	14.78	152	206970	3.755	ng	100
17) Acenaphthene	15.13	154	145931	3.358	ng	98
18) Fluorene	16.10	166	180554	3.331	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	49068	3.550	ng	# 85
21) Hexachlorobenzene	17.09	284	62471	3.378	ng	96
22) Pentachlorophenol	17.43	266	18266	3.698	ng	98
23) Phenanthrene	17.82	178	281253	3.331	ng	99
24) Anthracene	17.91	178	239495	3.625	ng	96
26) Fluoranthene	19.80	202	315671	3.606	ng	# 96
28) Pyrene	20.15	202	314400	3.170	ng	100
30) Benzo(a)anthracene	21.87	228	273808	3.441	ng	97
31) Chrysene	21.93	228	290851	3.127	ng	98
32) Bis(2-ethylhexyl)phthalate	21.76	149	97397	3.288	ng	97
33) Indeno(1,2,3-cd)pyrene	26.92	276	291639	3.359	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	288003	3.299	ng	# 92
36) Benzo(k)fluoranthene	23.66	252	290077	3.397	ng	# 92
37) Benzo(a)pyrene	24.26	252	250118	3.517	ng	96
38) Dibenzo(a,h)anthracene	26.93	278	236443	3.733	ng	# 91
39) Benzo(g,h,i)perylene	27.70	276	251012	3.358	ng	# 87

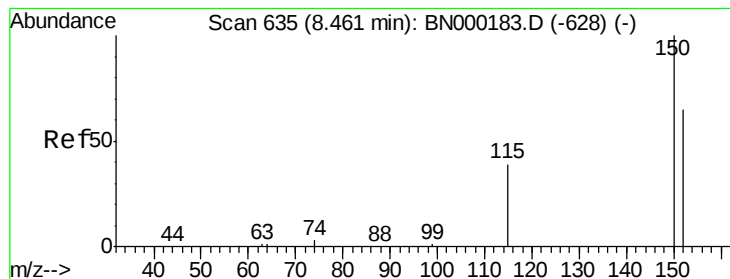
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN022718\
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 635

Delta R.T. -0.00 min

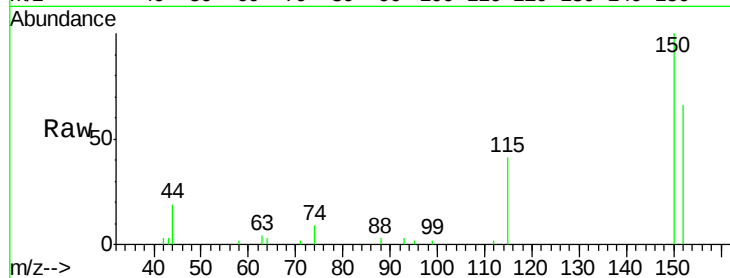
Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :



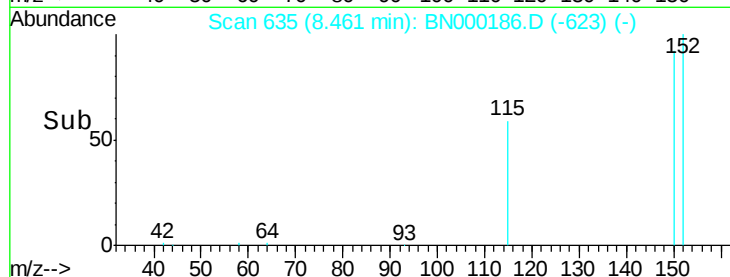
Tgt Ion:152 Resp: 5991

Ion Ratio Lower Upper

152 100

150 150.7 117.2 175.8

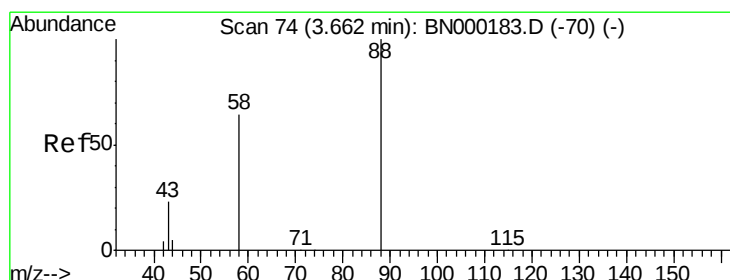
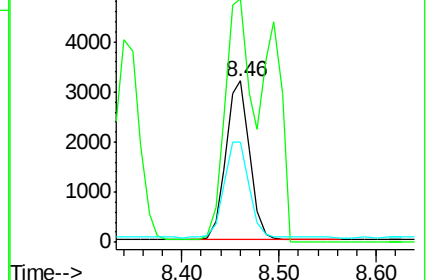
115 61.7 57.0 85.6



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: 2.876 ng

RT: 3.65 min Scan# 73

Delta R.T. -0.01 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

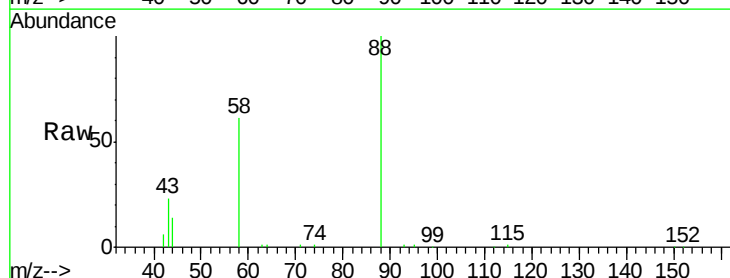
Tgt Ion: 88 Resp: 20119

Ion Ratio Lower Upper

88 100

58 64.1 48.0 72.0

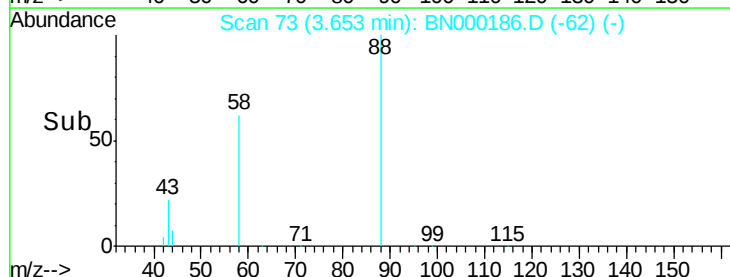
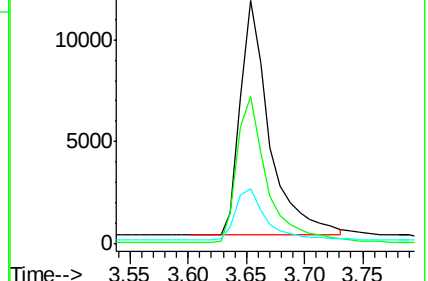
43 23.1 20.0 30.0

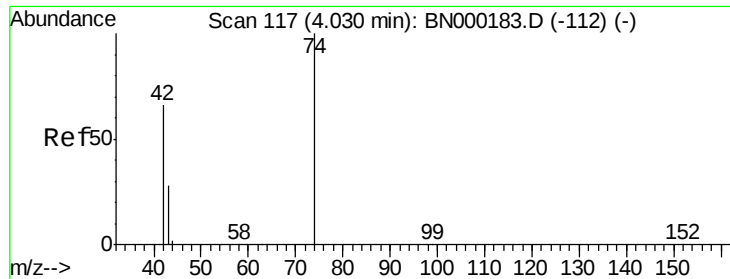


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 3.721 ng

RT: 4.00 min Scan# 114

Delta R.T. -0.03 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

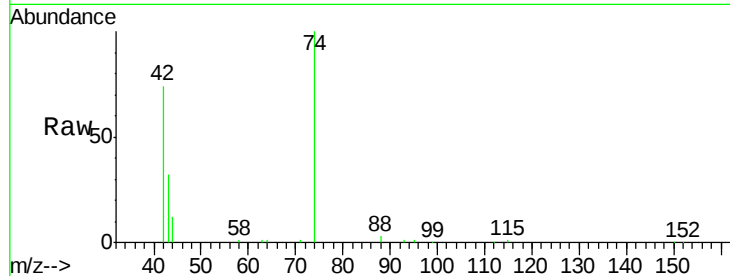
Tgt Ion: 42 Resp: 17182

Ion Ratio Lower Upper

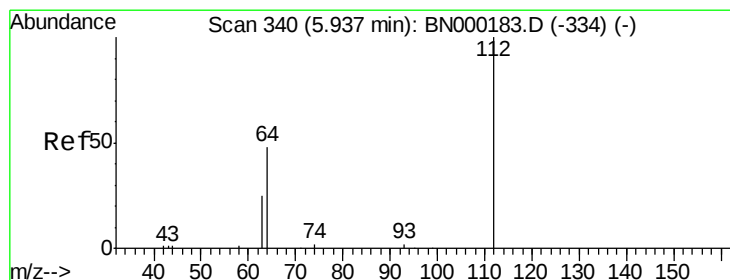
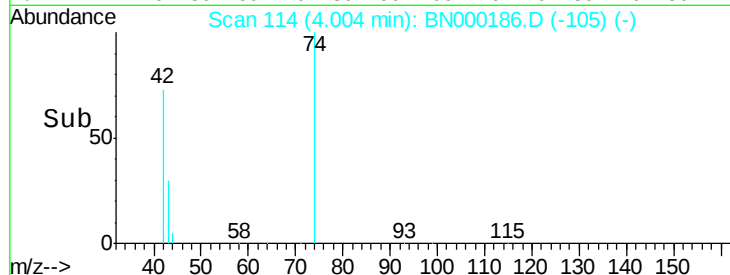
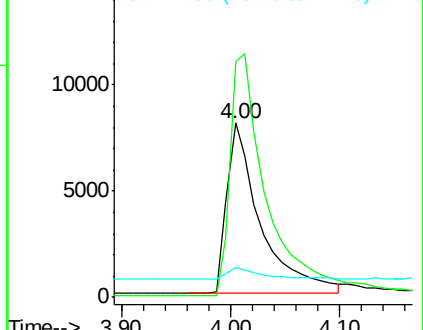
42 100

74 152.0 120.0 180.0

44 6.6 4.0 6.0#



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: 3.205 ng

RT: 5.93 min Scan# 339

Delta R.T. -0.01 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

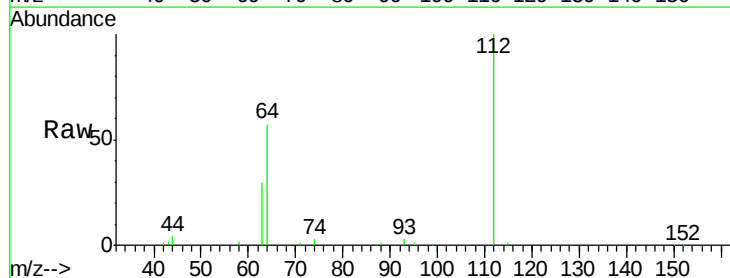
Tgt Ion: 112 Resp: 40537

Ion Ratio Lower Upper

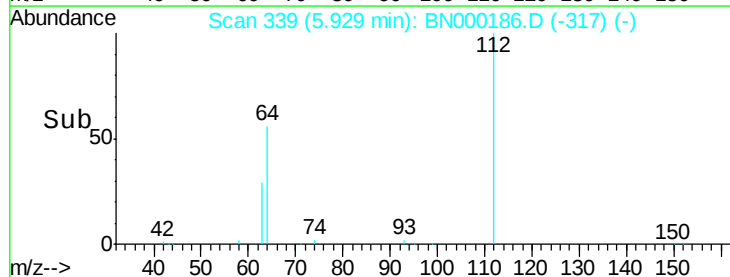
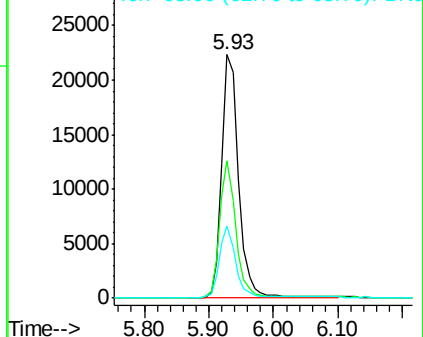
112 100

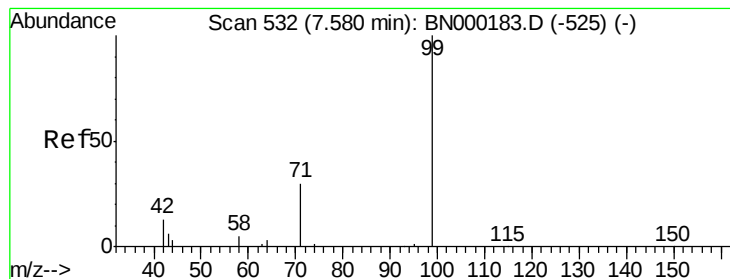
64 54.0 60.1 90.1#

63 28.3 116.8 175.2#



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: 3.413 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

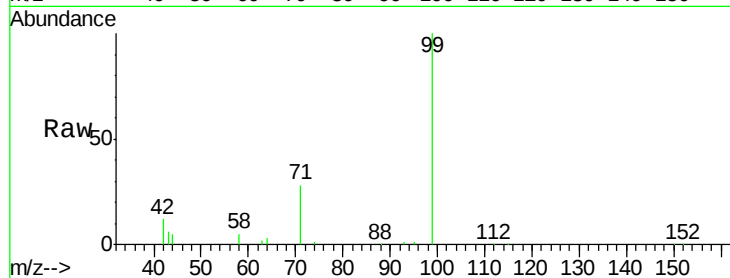
Tgt Ion: 99 Resp: 54852

Ion Ratio Lower Upper

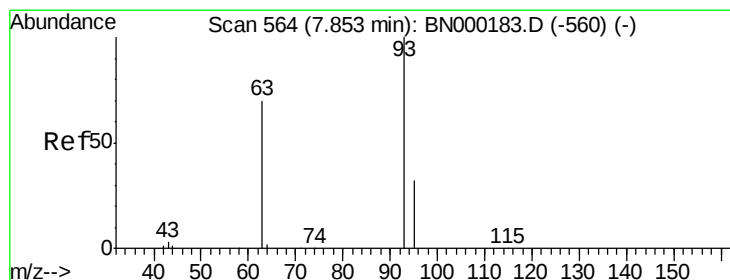
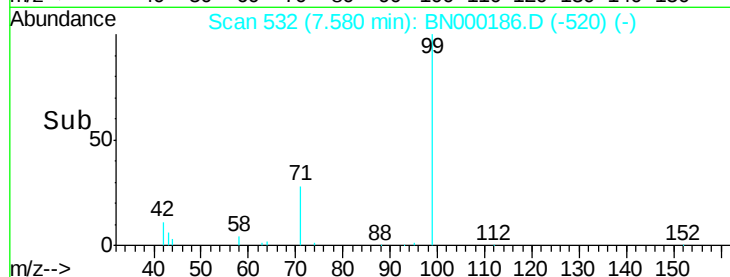
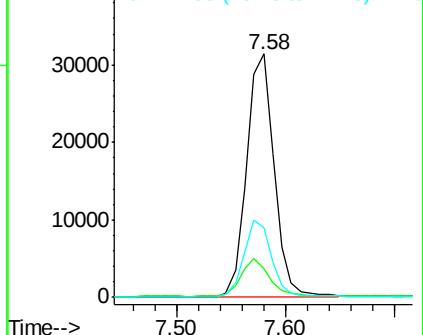
99 100

42 15.8 20.2 30.2#

71 31.1 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 3.205 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

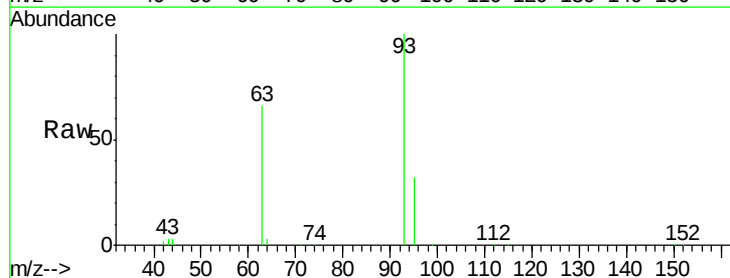
Tgt Ion: 93 Resp: 65445

Ion Ratio Lower Upper

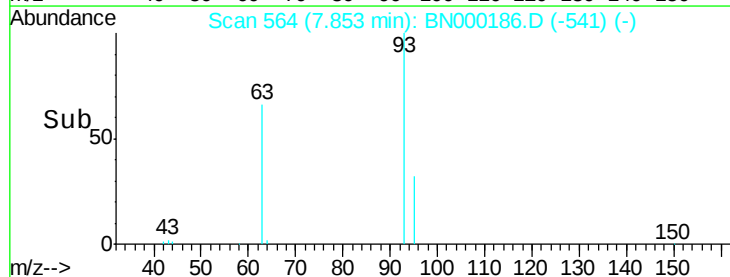
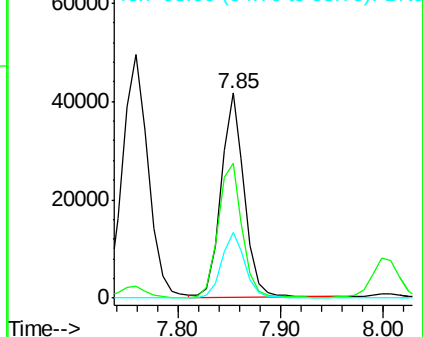
93 100

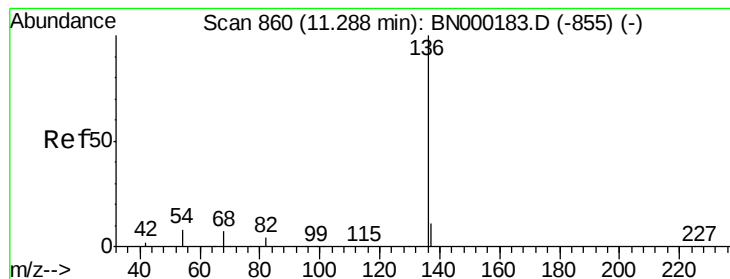
63 68.7 56.0 84.0

95 32.3 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:136 Resp: 22698

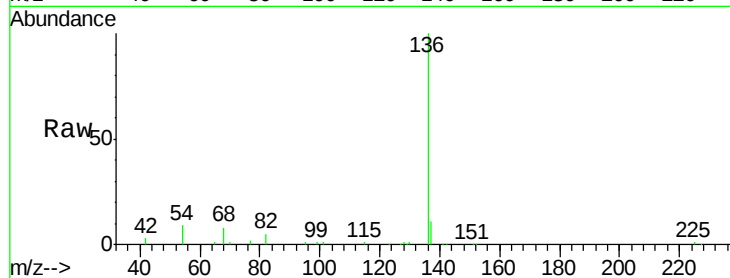
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 8.7 29.1 43.7#

68 8.0 6.2 9.2

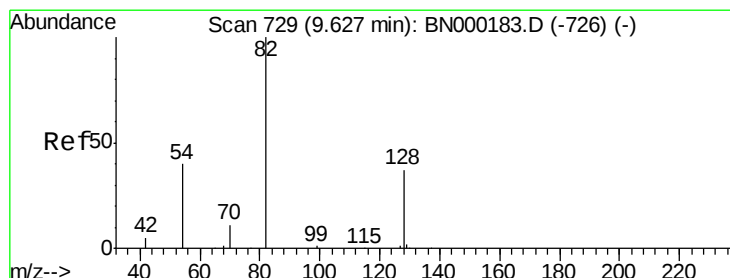
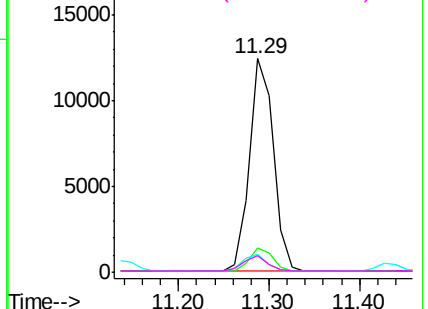
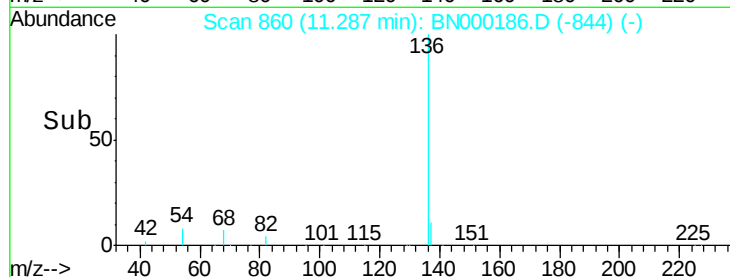


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.434 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

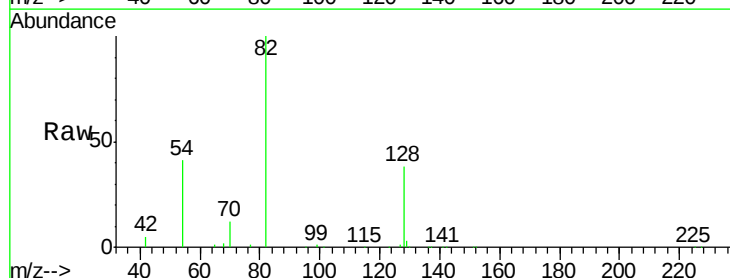
Tgt Ion: 82 Resp: 46227

Ion Ratio Lower Upper

82 100

128 38.2 150.0 225.0#

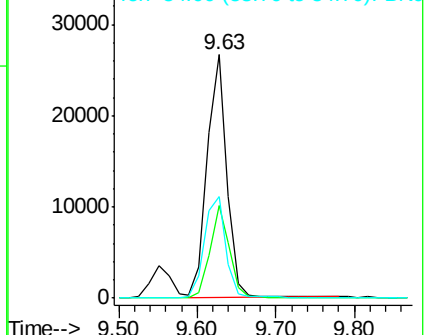
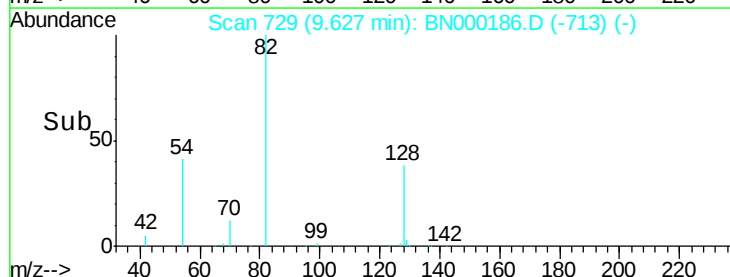
54 41.5 154.2 231.4#

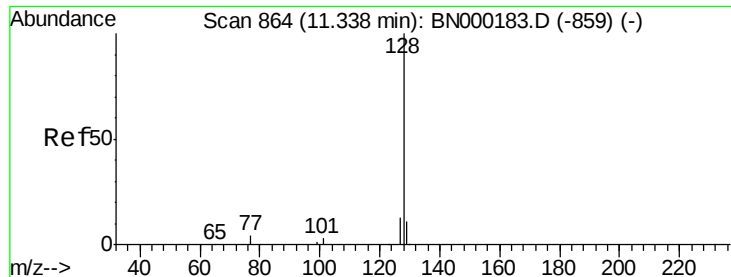


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.160 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

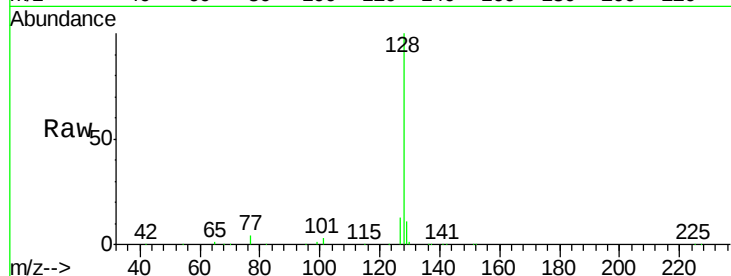
Tgt Ion:128 Resp: 209629

Ion Ratio Lower Upper

128 100

129 10.8 8.0 12.0

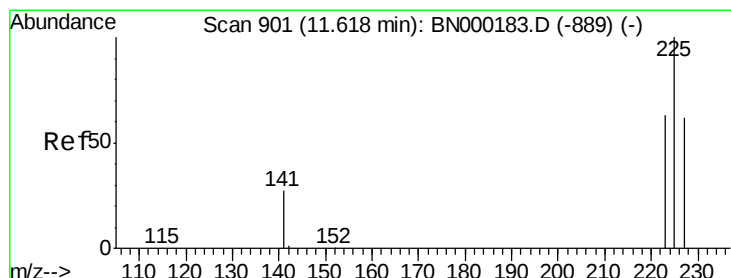
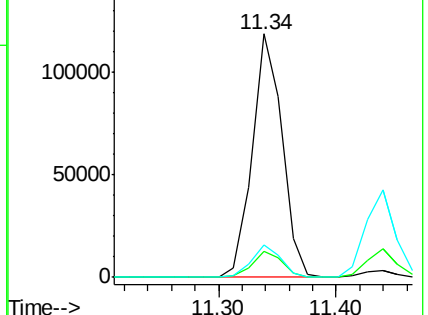
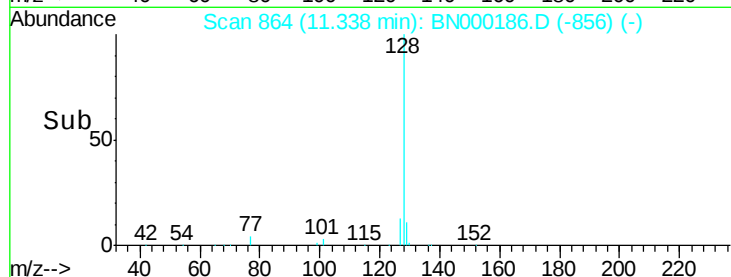
127 13.2 9.6 14.4



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: 3.163 ng

RT: 11.62 min Scan# 902

Delta R.T. 0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

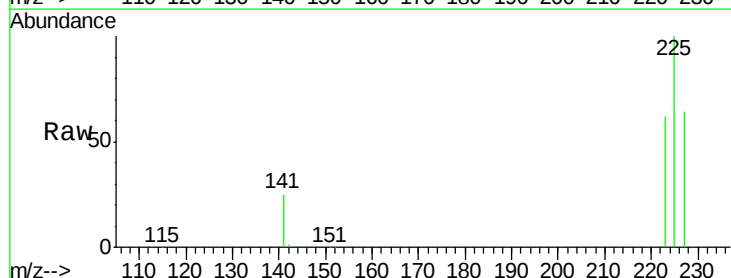
Tgt Ion:225 Resp: 35610

Ion Ratio Lower Upper

225 100

223 62.8 53.0 79.6

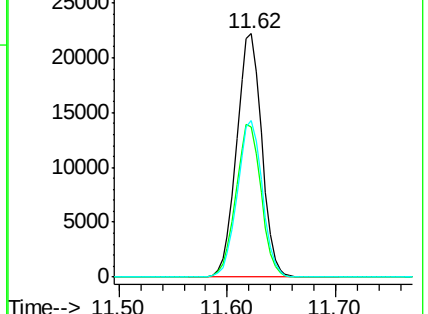
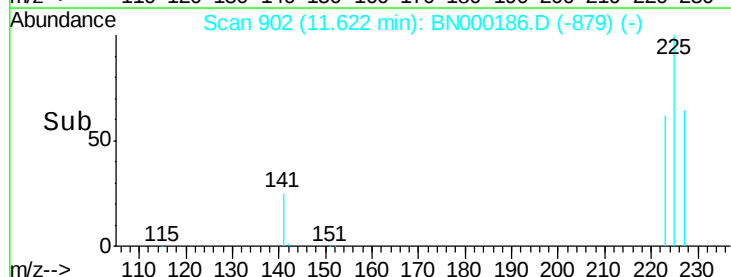
227 63.8 51.4 77.2

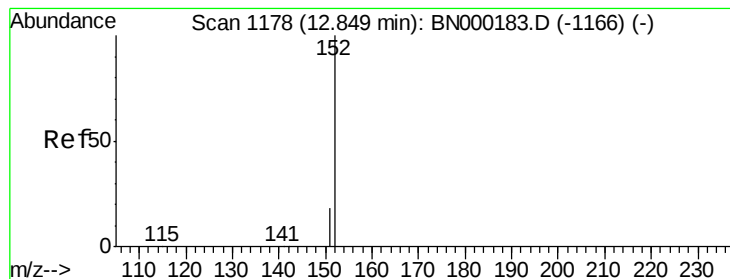


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.250 ng

RT: 12.85 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

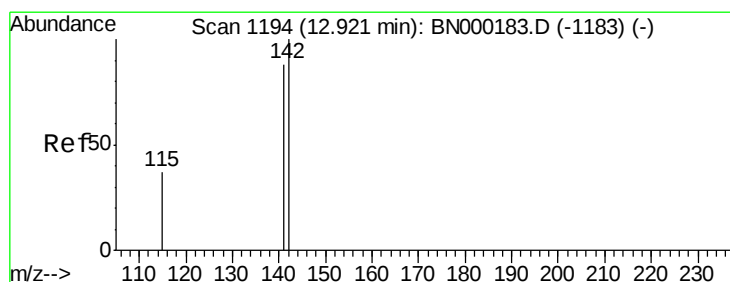
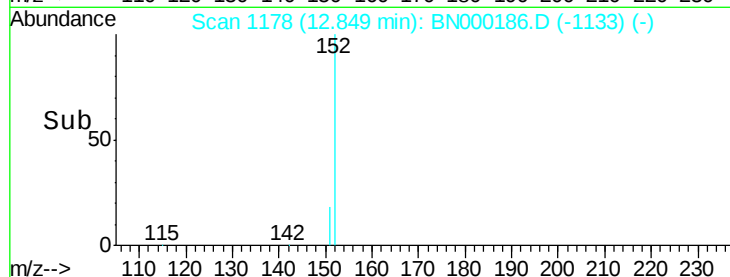
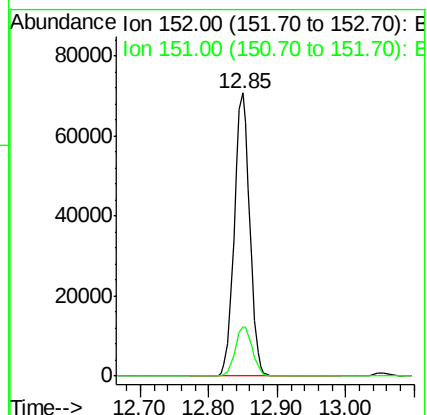
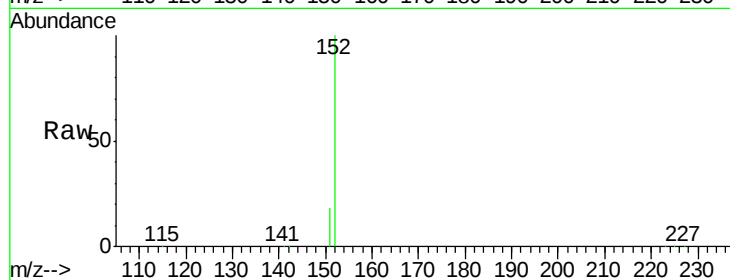
ClientSampleId :

Tgt Ion:152 Resp: 111063

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



#12

2-Methylnaphthalene

Concen: 3.294 ng

RT: 12.92 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

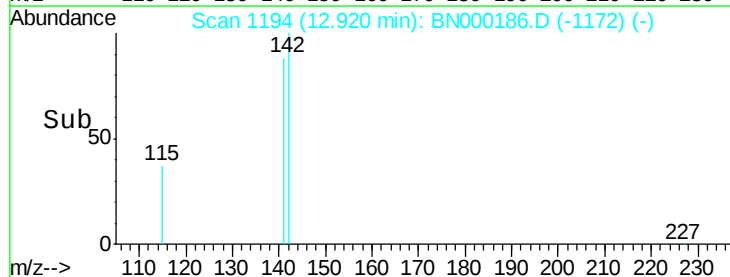
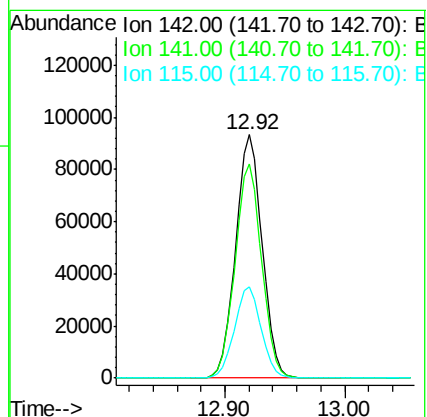
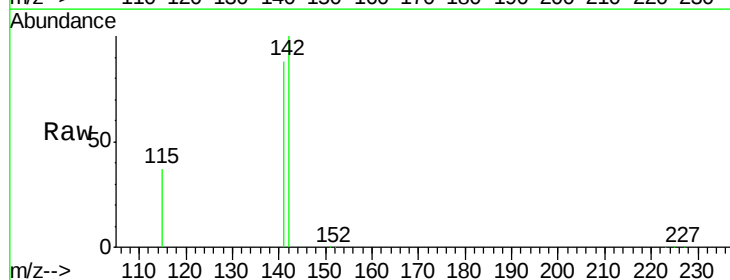
Tgt Ion:142 Resp: 143155

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

115 37.4 31.7 47.5

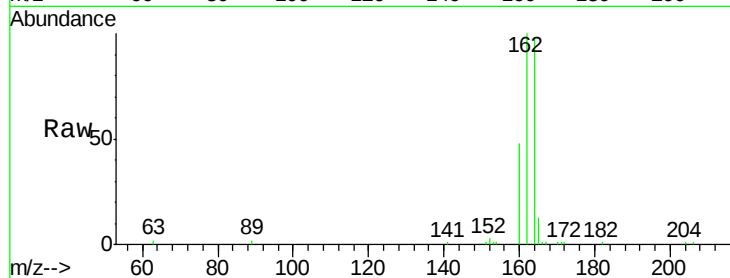




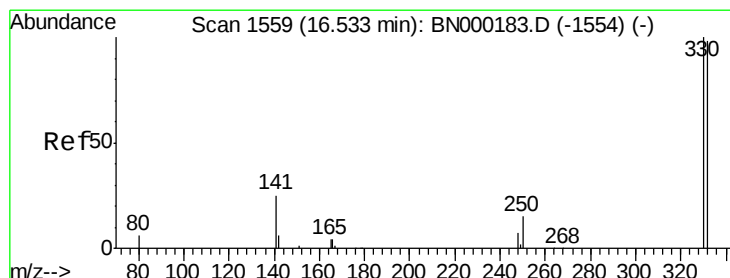
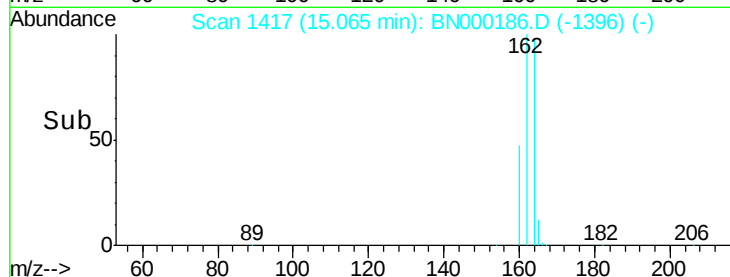
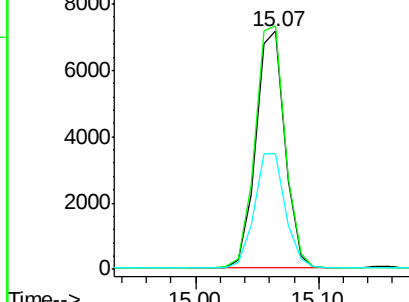
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.07 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BN000186.D
Acq: 27 Feb 2018 12:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11694
Ion Ratio Lower Upper
164 100
162 102.1 83.1 124.7
160 48.5 37.1 55.7

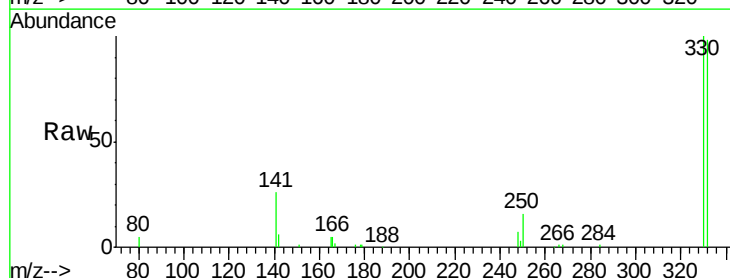


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

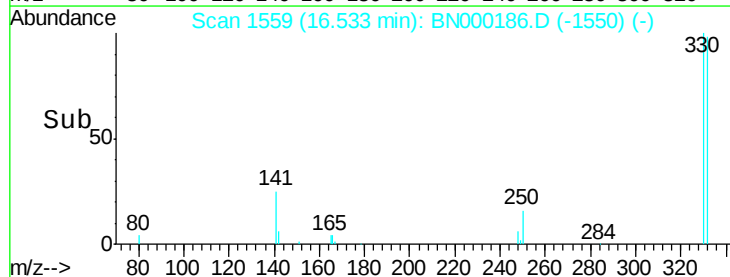
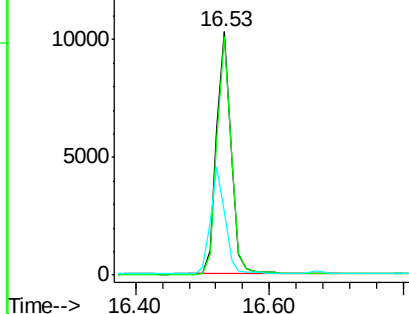


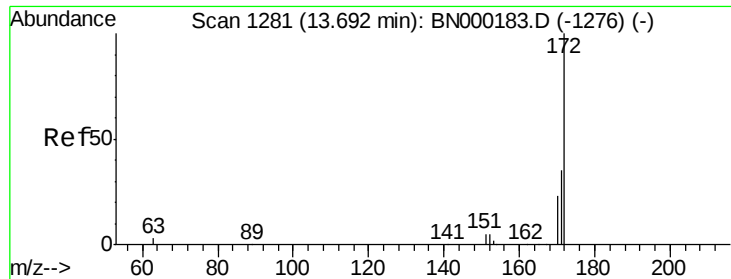
#14
2,4,6-Tribromophenol
Concen: 3.937 ng
RT: 16.53 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BN000186.D
Acq: 27 Feb 2018 12:08

Tgt Ion:330 Resp: 15326
Ion Ratio Lower Upper
330 100
332 96.9 152.7 229.1#
141 43.7 33.7 50.5



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

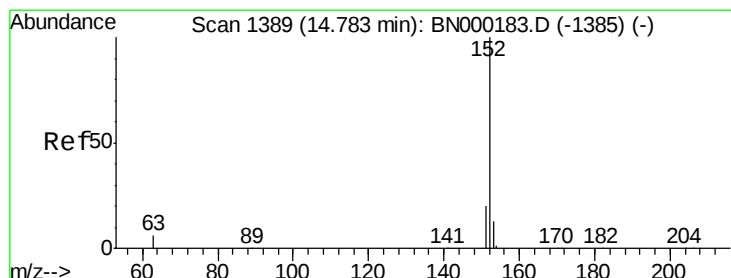
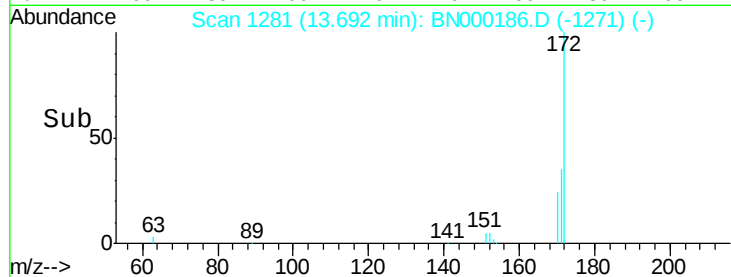
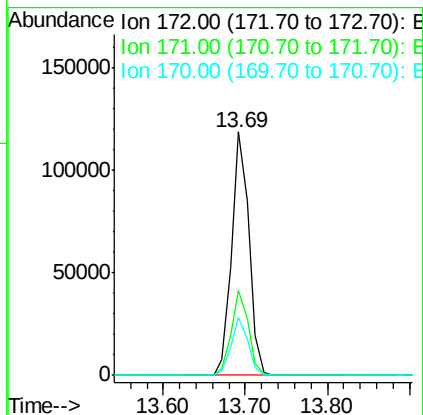
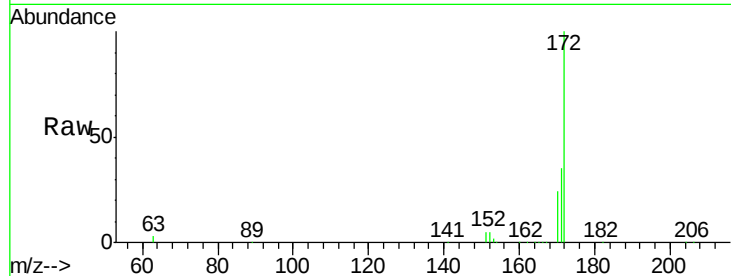




#15
2-Fluorobiphenyl
Concen: 3.130 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000186.D
Acq: 27 Feb 2018 12:08

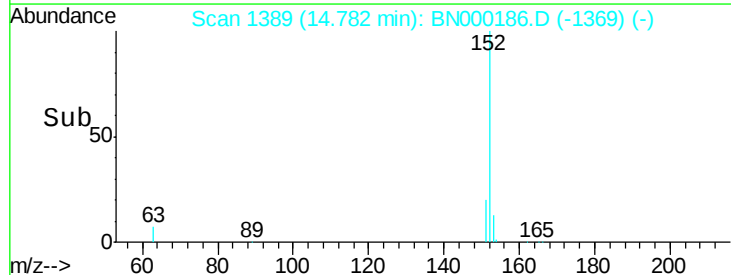
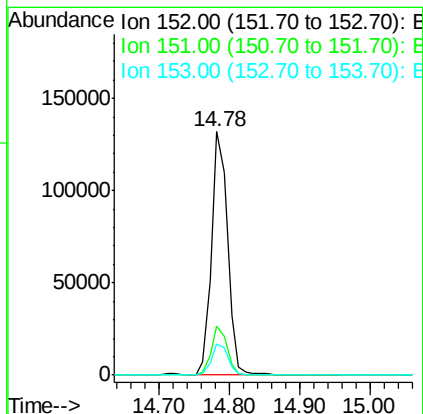
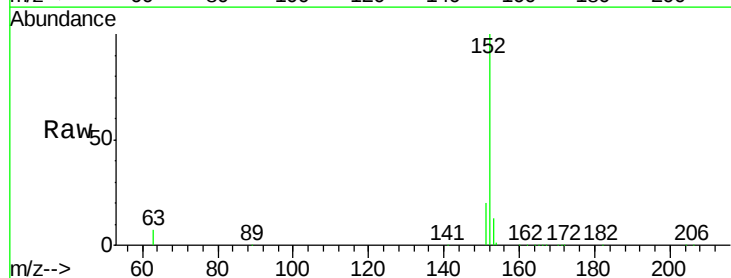
Instrument :
BNA_N
ClientSampleId :

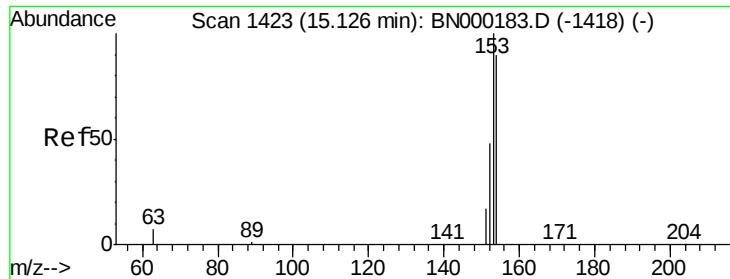
Tgt Ion:172 Resp: 173528
Ion Ratio Lower Upper
172 100
171 34.8 29.9 44.9
170 23.6 21.8 32.8



#16
Acenaphthylene
Concen: 3.755 ng
RT: 14.78 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BN000186.D
Acq: 27 Feb 2018 12:08

Tgt Ion:152 Resp: 206970
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 3.358 ng

RT: 15.13 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

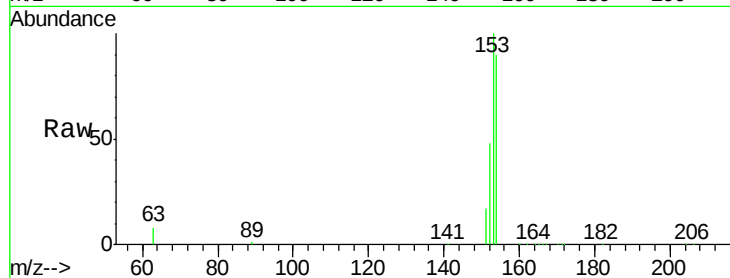
Tgt Ion:154 Resp: 145931

Ion Ratio Lower Upper

154 100

153 110.9 89.2 133.8

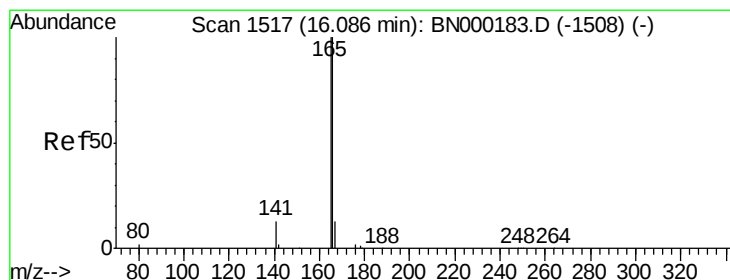
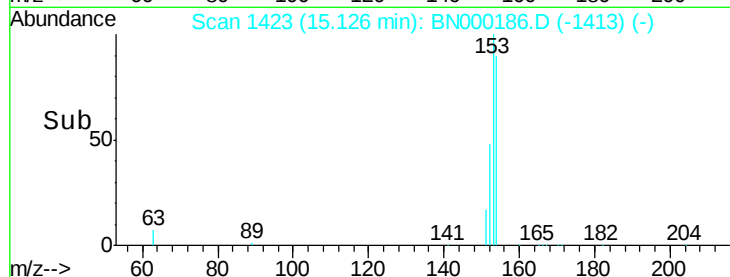
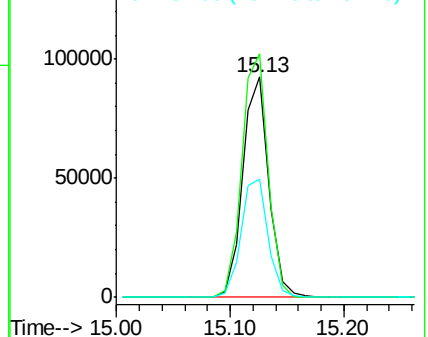
152 55.3 42.0 63.0



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: 3.331 ng

RT: 16.10 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

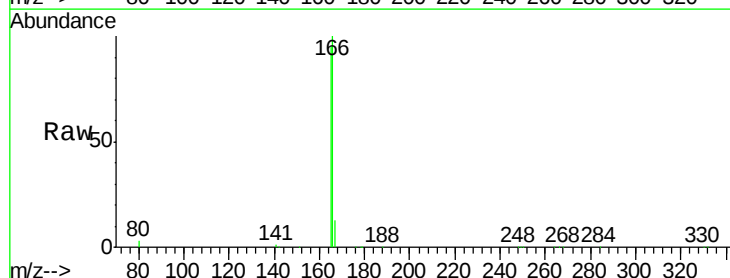
Tgt Ion:166 Resp: 180554

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

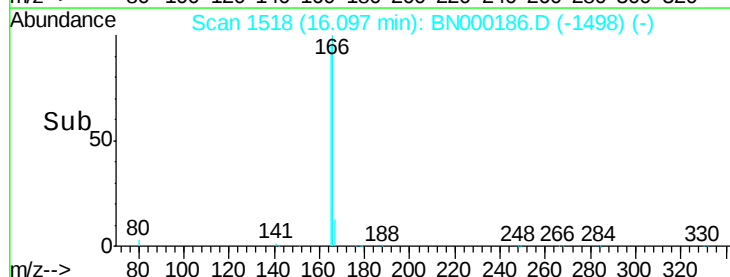
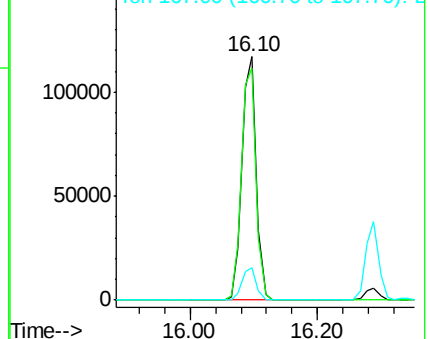
167 13.4 42.4 63.6#

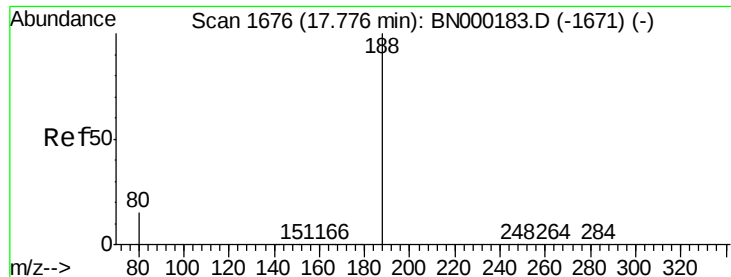


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.78 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

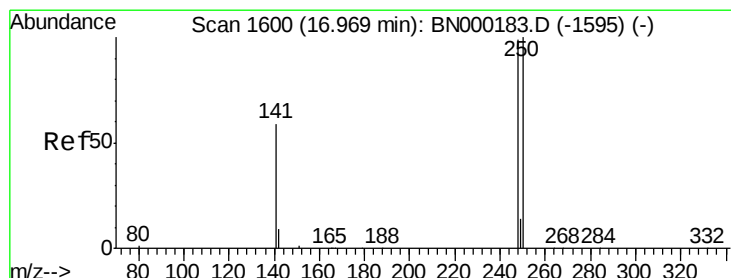
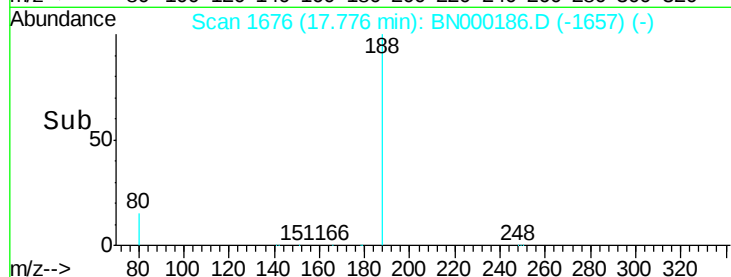
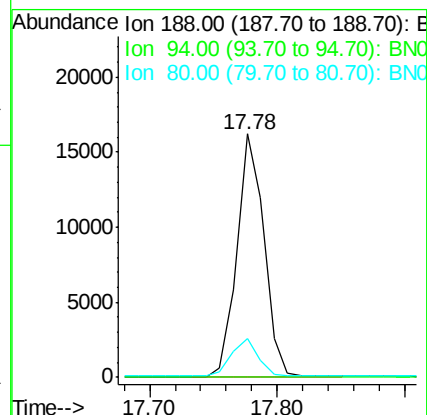
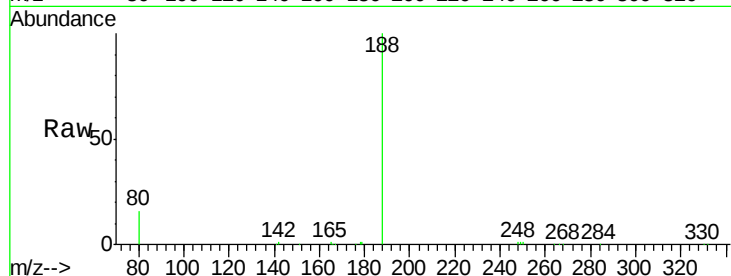
Tgt Ion:188 Resp: 23993

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 15.8 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 3.550 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

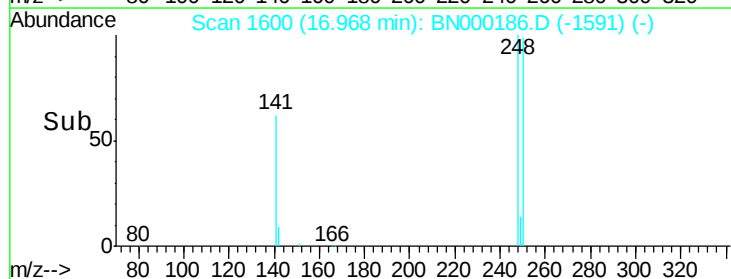
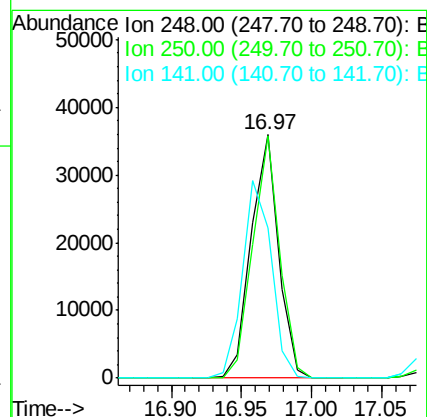
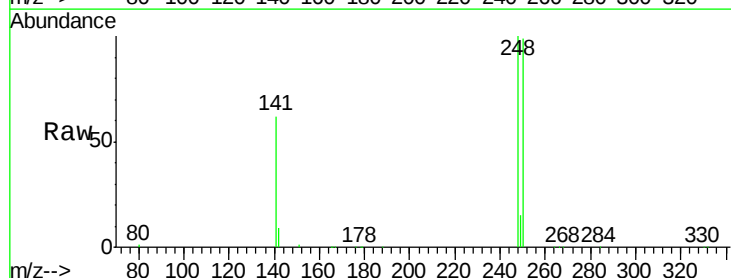
Tgt Ion:248 Resp: 49068

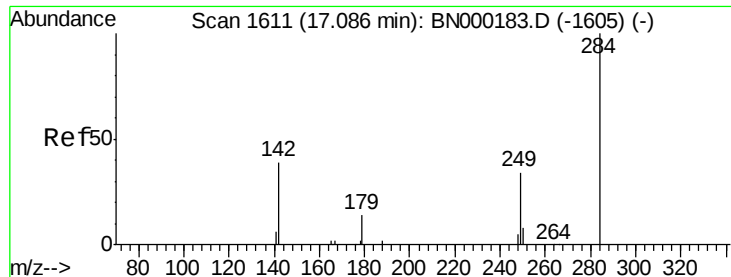
Ion Ratio Lower Upper

248 100

250 99.5 62.7 94.1#

141 61.9 48.2 72.2





#21

Hexachlorobenzene

Concen: 3.378 ng

RT: 17.09 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

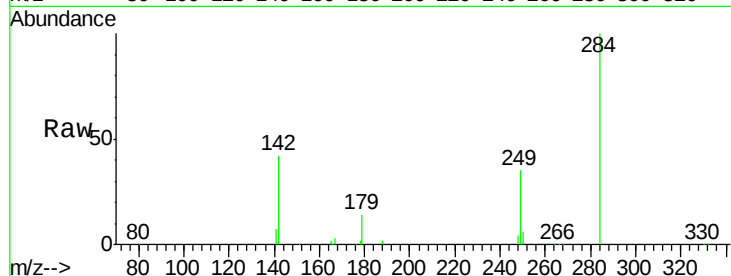
Tgt Ion:284 Resp: 62471

Ion Ratio Lower Upper

284 100

142 42.3 32.0 48.0

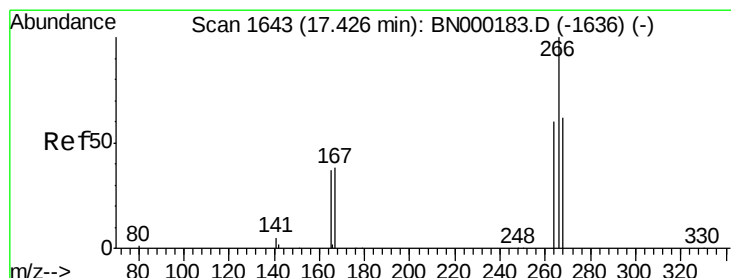
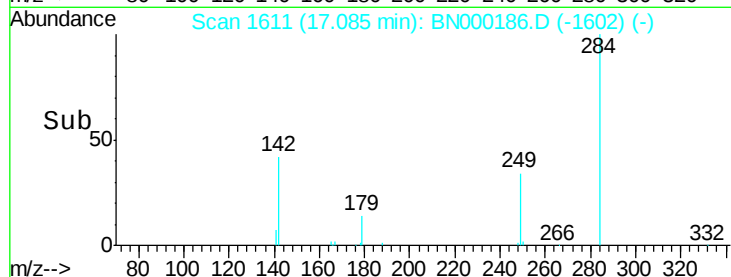
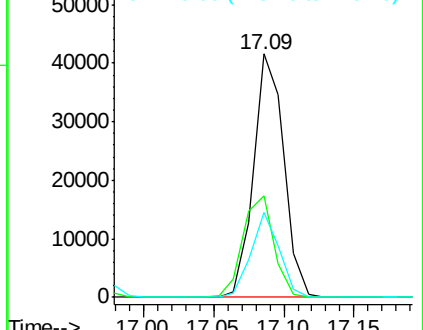
249 32.2 24.0 36.0



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: 3.698 ng

RT: 17.43 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

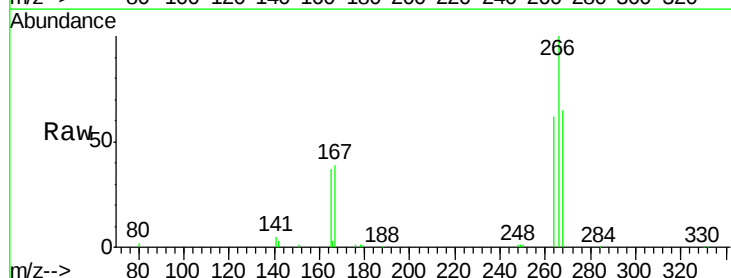
Tgt Ion:266 Resp: 18266

Ion Ratio Lower Upper

266 100

264 62.0 48.0 72.0

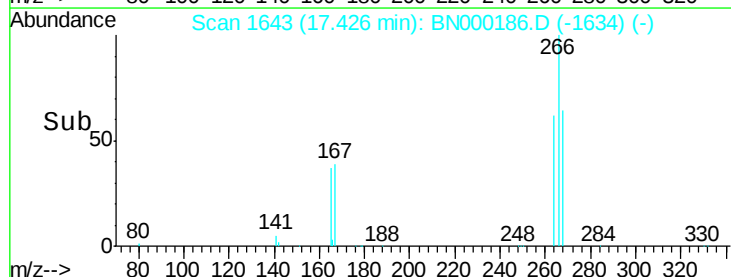
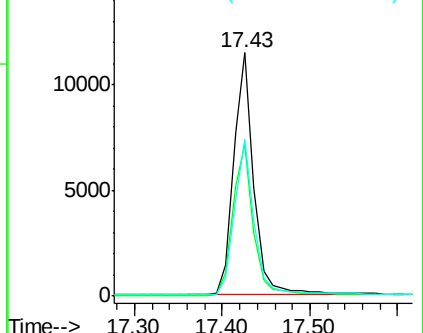
268 64.6 52.0 78.0



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

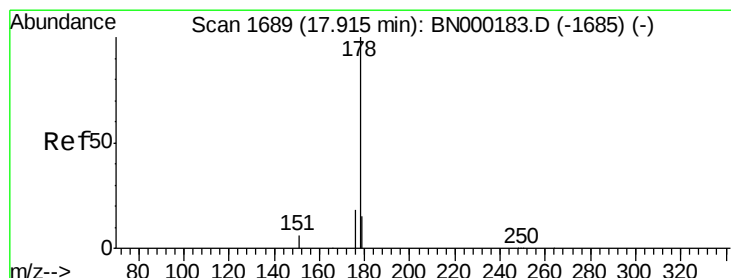
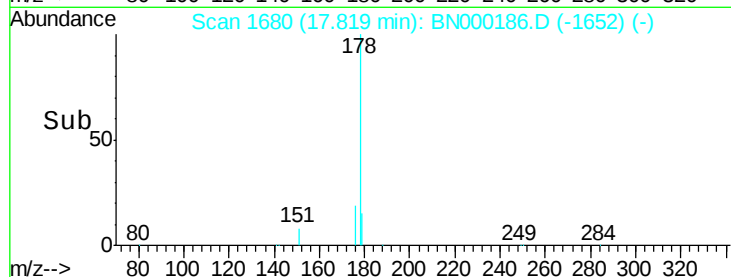
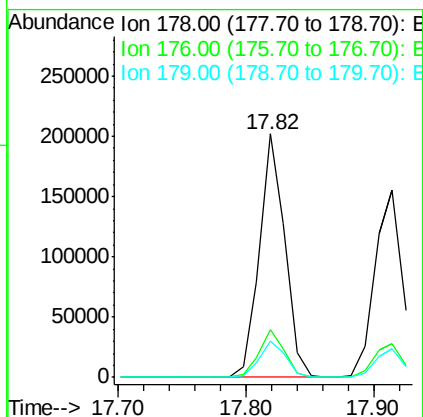
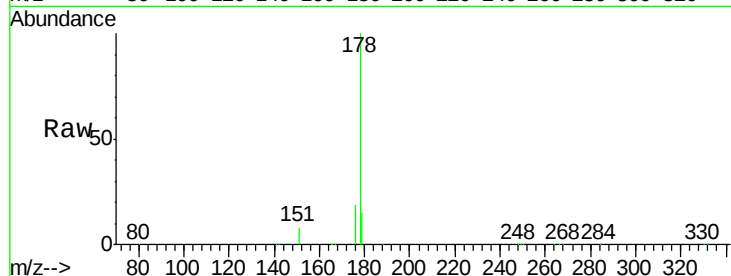




#23
Phenanthrene
Concen: 3.331 ng
RT: 17.82 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BN000186.D
Acq: 27 Feb 2018 12:08

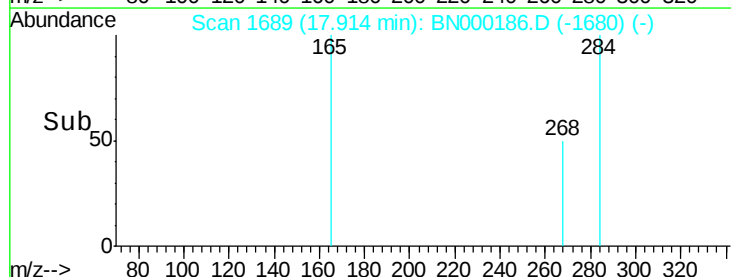
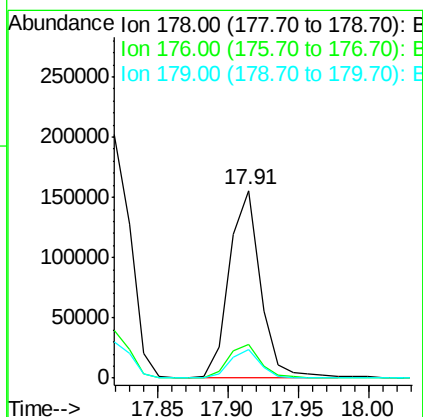
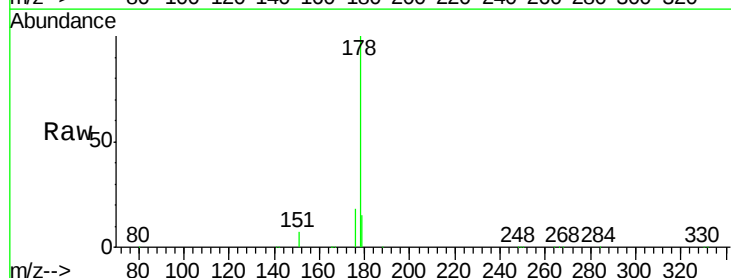
Instrument :
BNA_N
ClientSampleId :

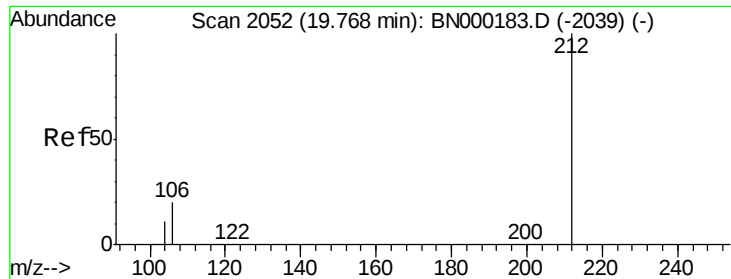
Tgt Ion:178 Resp: 281253
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.2 11.8 17.6



#24
Anthracene
Concen: 3.625 ng
RT: 17.91 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BN000186.D
Acq: 27 Feb 2018 12:08

Tgt Ion:178 Resp: 239495
Ion Ratio Lower Upper
178 100
176 18.6 12.8 19.2
179 15.2 13.0 19.6





#25

Fluoranthene-d10

Concen: 3.434 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

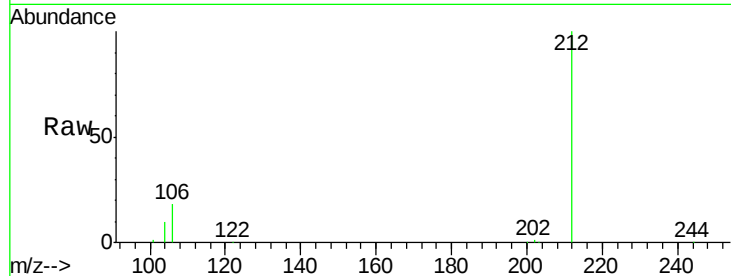
ClientSampleId :

Tgt Ion:212 Resp: 220205
Ion Ratio Lower Upper

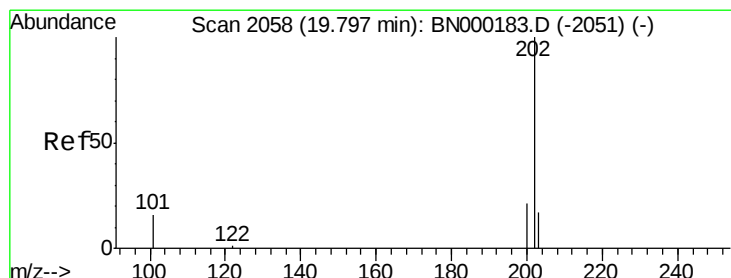
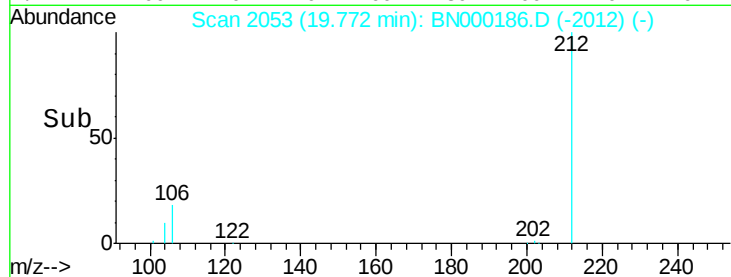
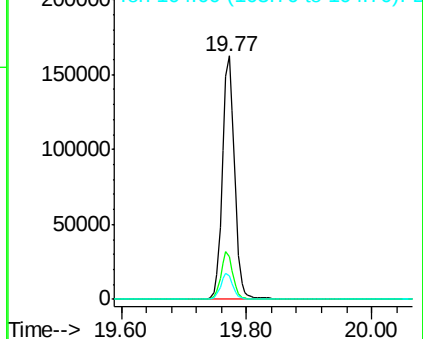
212 100

106 19.4 2.8 4.2#

104 10.8 1.6 2.4#



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



#26

Fluoranthene

Concen: 3.606 ng

RT: 19.80 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BN000186.D

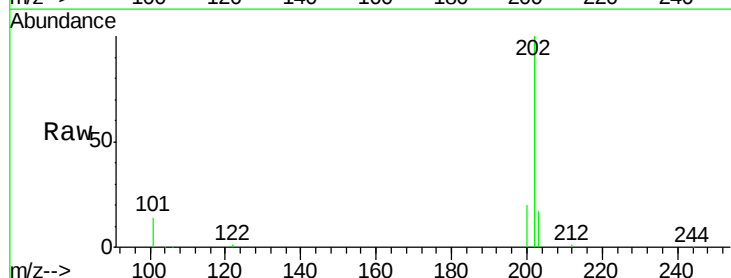
Acq: 27 Feb 2018 12:08

Tgt Ion:202 Resp: 315671
Ion Ratio Lower Upper

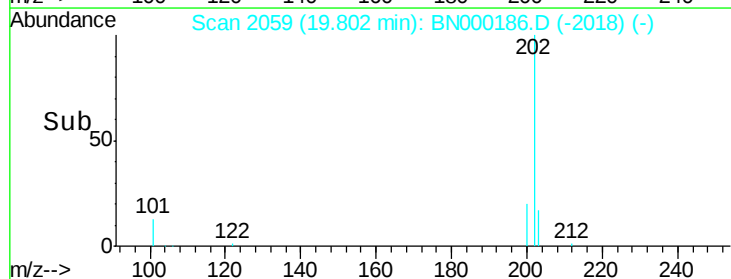
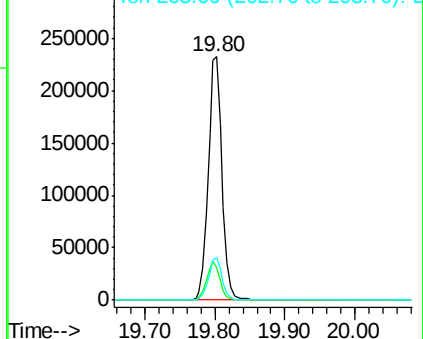
202 100

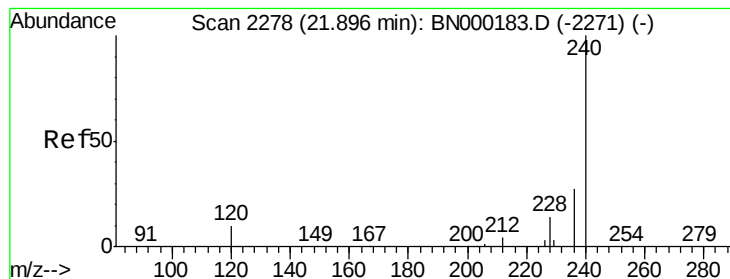
101 15.7 9.8 14.8#

203 17.3 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.90 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

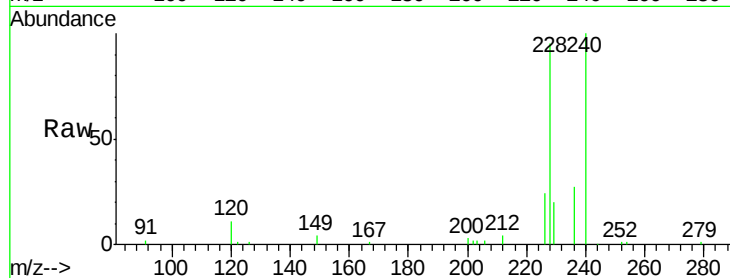
Tgt Ion:240 Resp: 25262

Ion Ratio Lower Upper

240 100

120 11.5 5.5 8.3#

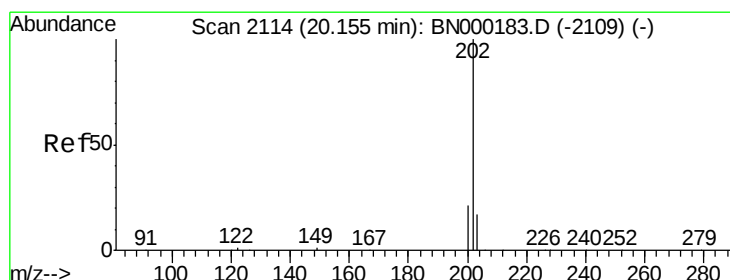
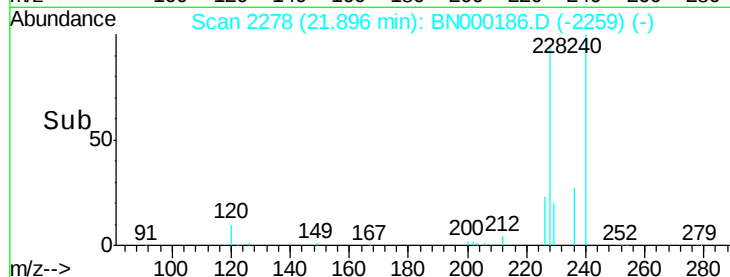
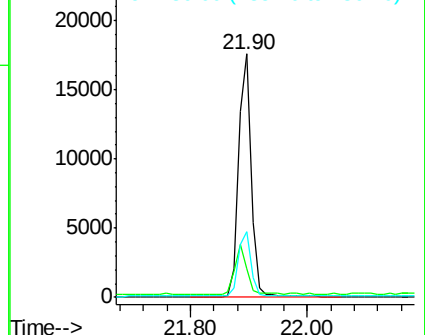
236 27.0 20.7 31.1



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: 3.170 ng

RT: 20.15 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

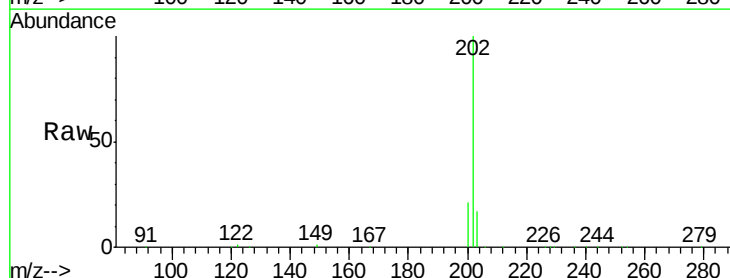
Tgt Ion:202 Resp: 314400

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

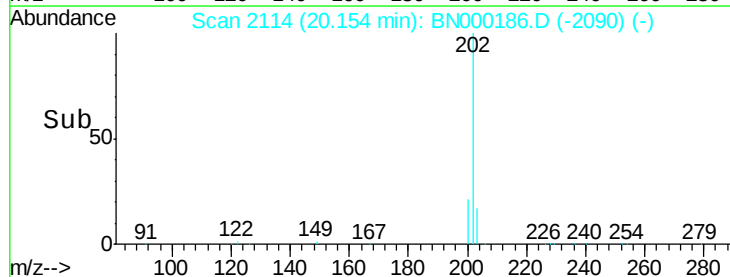
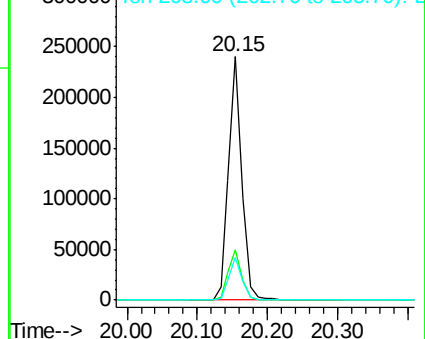
203 17.3 13.8 20.8



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: 3.150 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

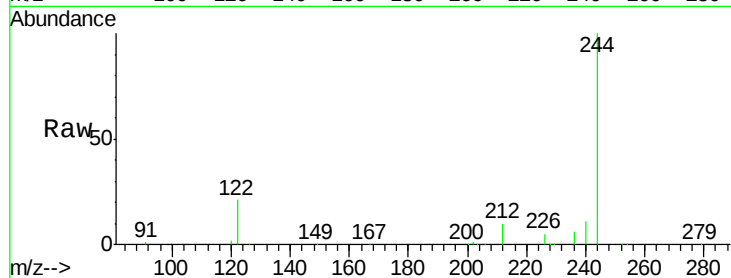
Tgt Ion:244 Resp: 139797

Ion Ratio Lower Upper

244 100

212 10.1 25.4 38.0#

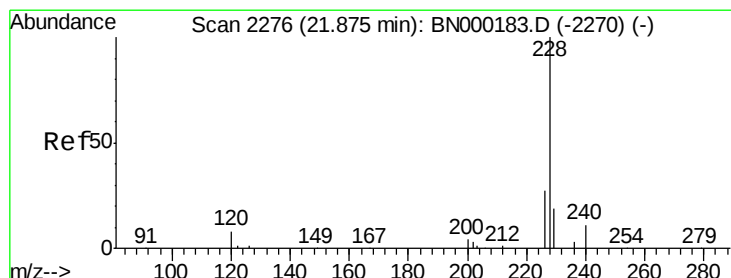
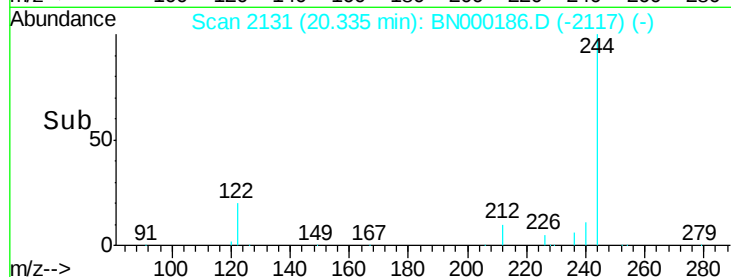
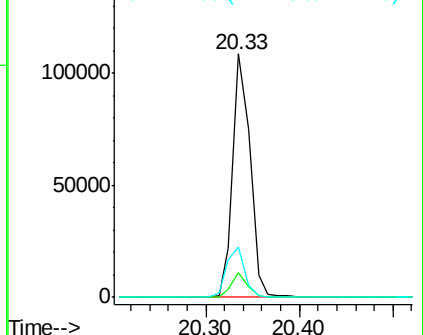
122 20.6 8.1 12.1#



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: 3.441 ng

RT: 21.87 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

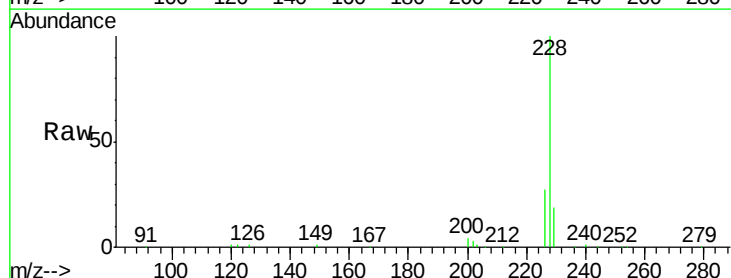
Tgt Ion:228 Resp: 273808

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

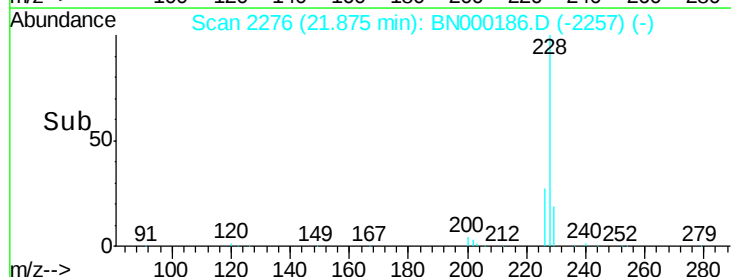
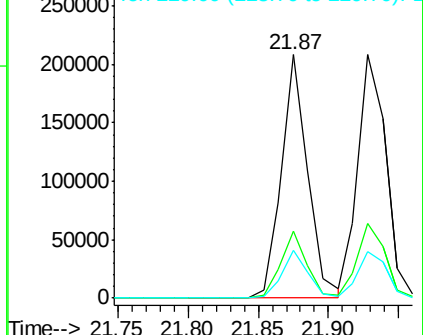
229 19.4 16.0 24.0

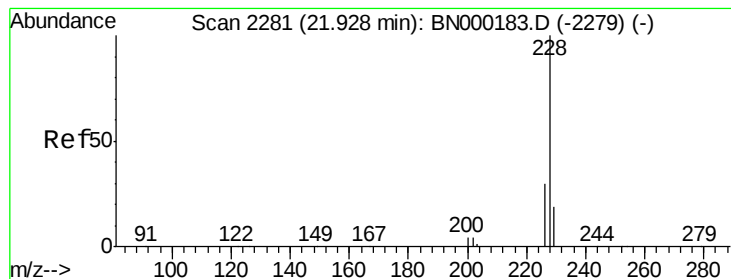


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.127 ng

RT: 21.93 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

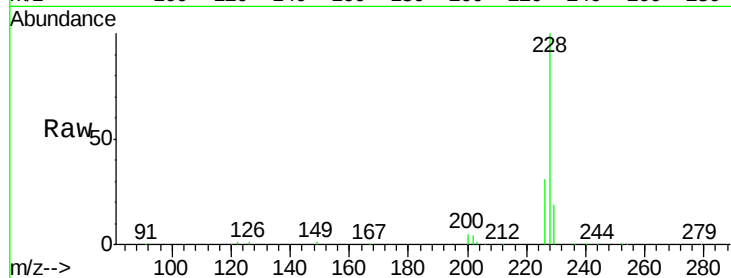
Tgt Ion:228 Resp: 290851

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

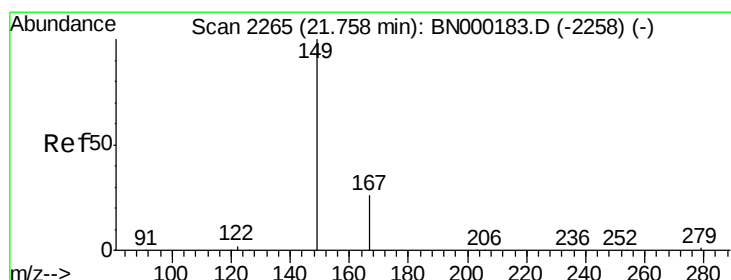
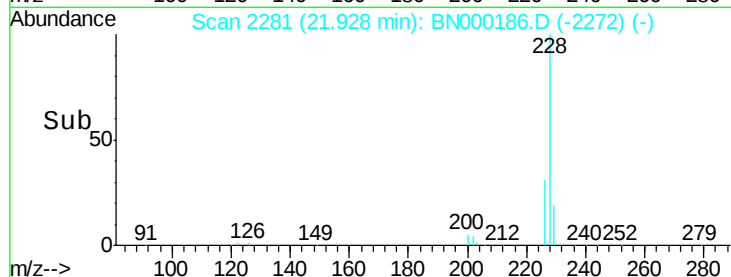
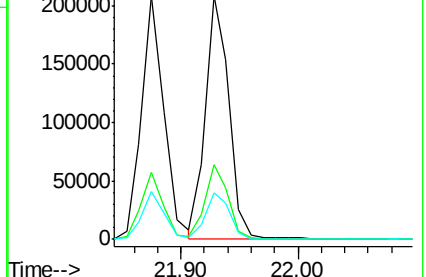
229 19.1 16.0 24.0



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: 3.288 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

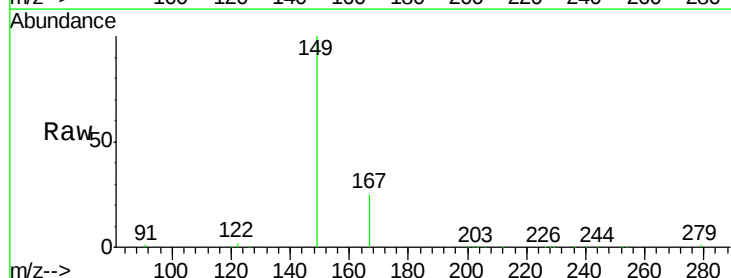
Tgt Ion:149 Resp: 97397

Ion Ratio Lower Upper

149 100

167 26.3 20.0 30.0

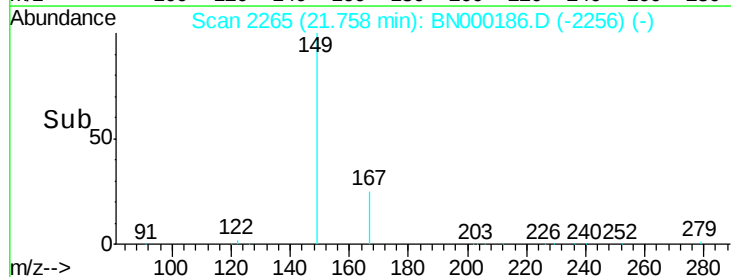
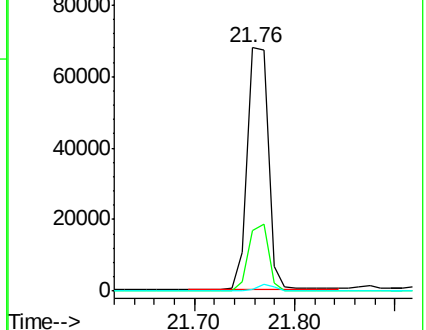
279 2.3 1.6 2.4



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

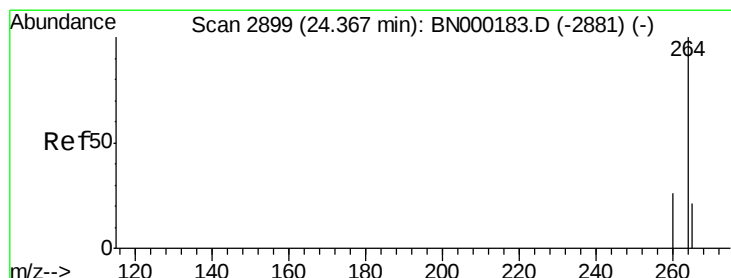
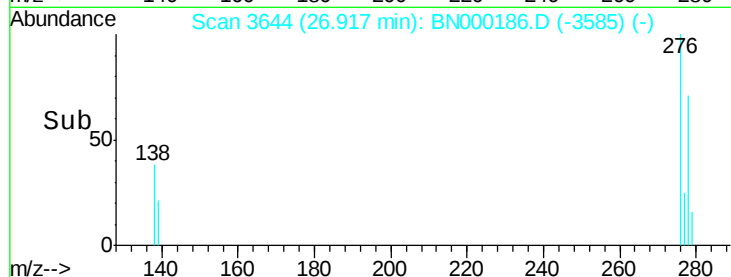
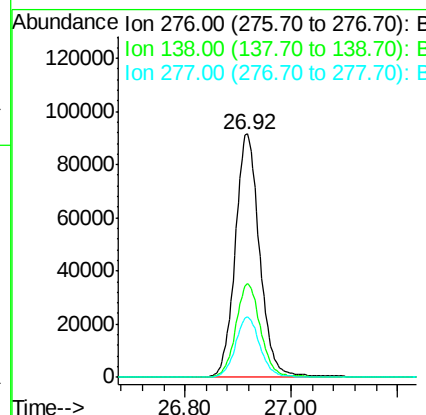
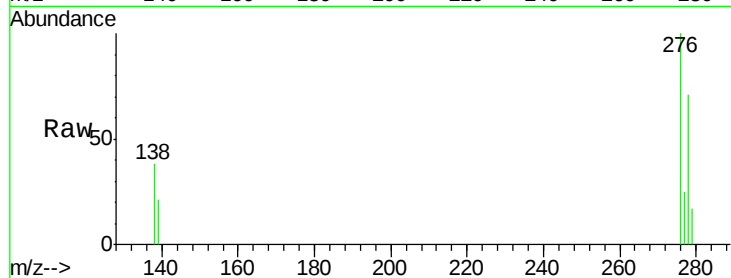




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.359 ng
 RT: 26.92 min Scan# 3644
 Delta R.T. 0.00 min
 Lab File: BN000186.D
 Acq: 27 Feb 2018 12:08

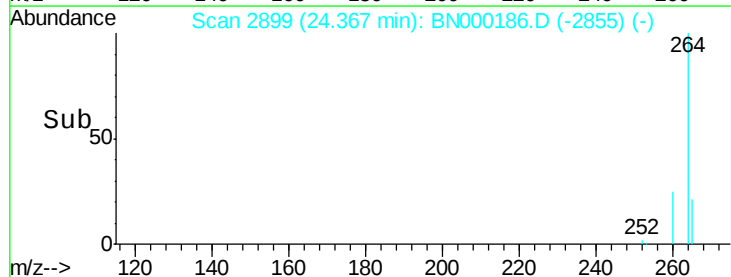
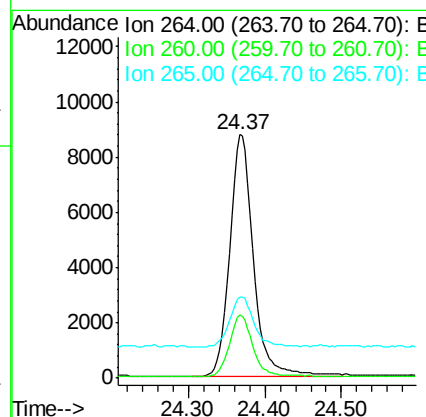
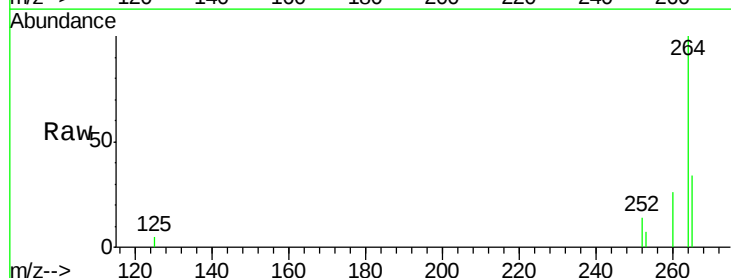
Instrument :
 BNA_N
 ClientSampleId :

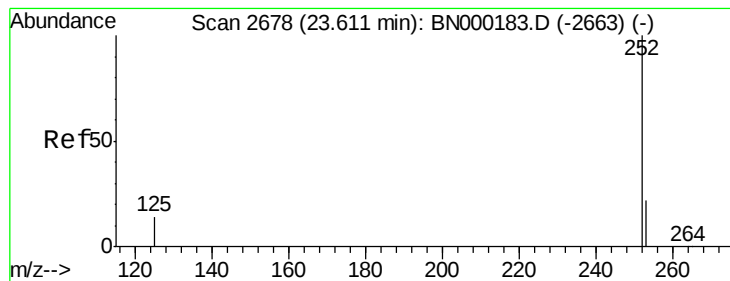
Tgt Ion: 276 Resp: 291639
 Ion Ratio Lower Upper
 276 100
 138 39.0 22.5 33.7#
 277 24.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.37 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: BN000186.D
 Acq: 27 Feb 2018 12:08

Tgt Ion: 264 Resp: 19124
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 33.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 3.299 ng

RT: 23.61 min Scan# 2679

Delta R.T. 0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

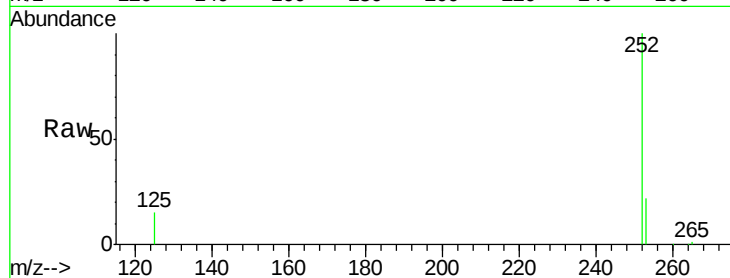
Tgt Ion:252 Resp: 288003

Ion Ratio Lower Upper

252 100

253 21.9 20.0 30.0

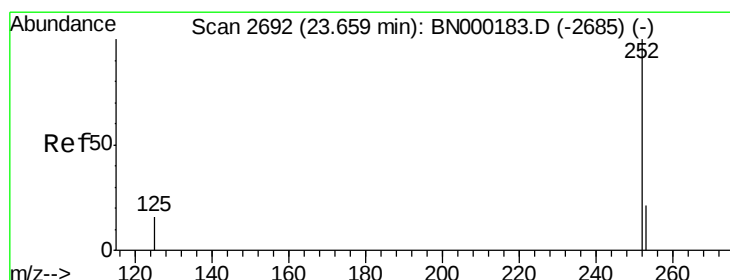
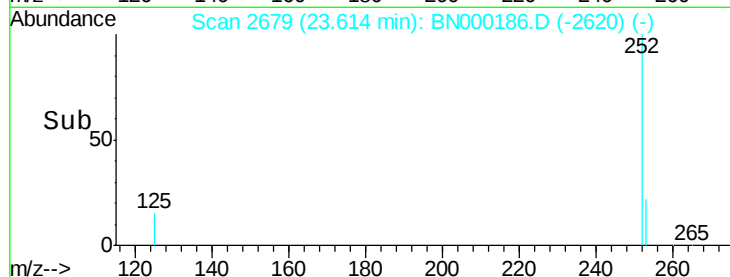
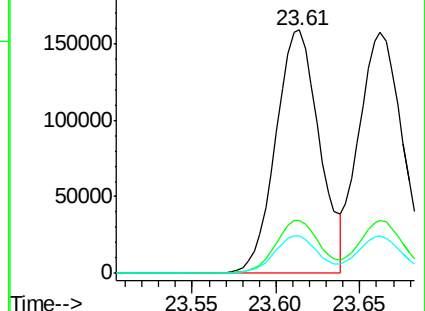
125 15.4 16.0 24.0#



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: 3.397 ng

RT: 23.66 min Scan# 2693

Delta R.T. 0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

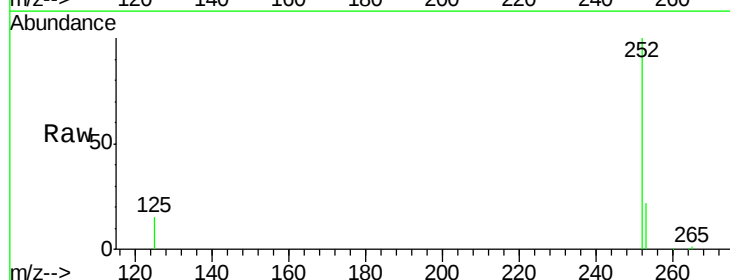
Tgt Ion:252 Resp: 290077

Ion Ratio Lower Upper

252 100

253 21.9 16.0 24.0

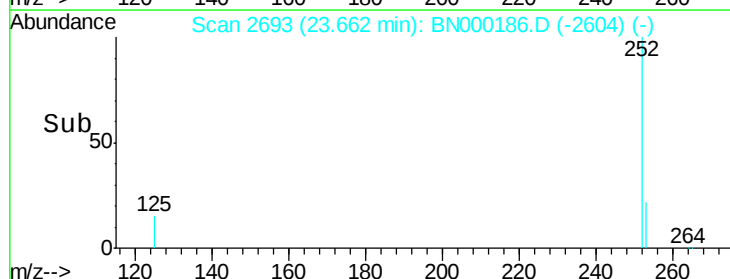
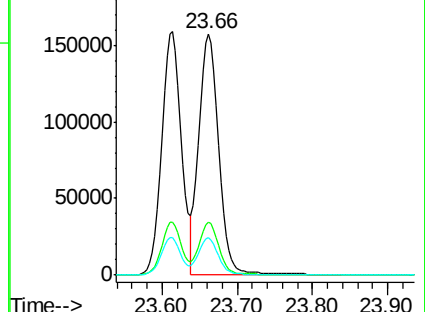
125 15.3 8.0 12.0#



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





#37

Benzo(a)pyrene

Concen: 3.517 ng

RT: 24.26 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :

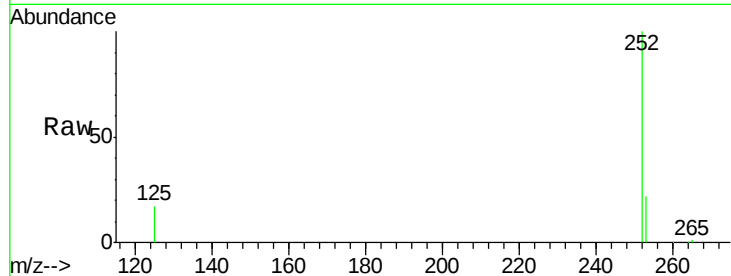
Tgt Ion:252 Resp: 250118

Ion Ratio Lower Upper

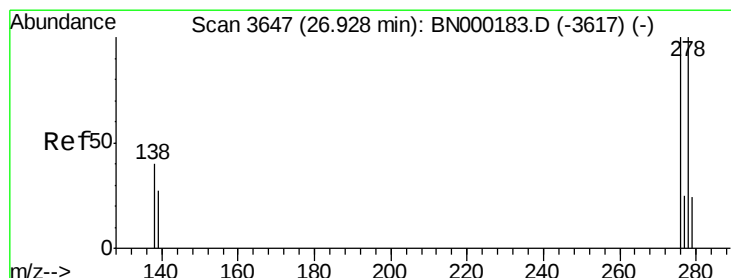
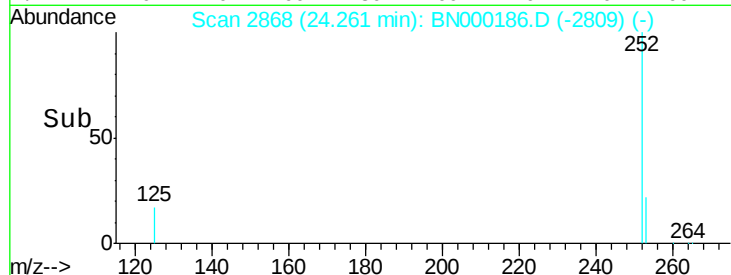
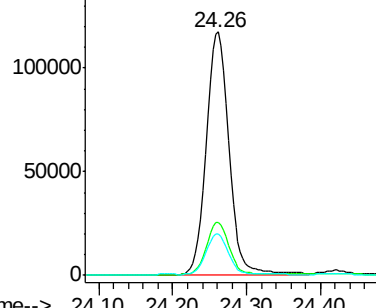
252 100

253 21.8 16.0 24.0

125 17.0 12.0 18.0



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



#38

Dibenzo(a,h)anthracene

Concen: 3.733 ng

RT: 26.93 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

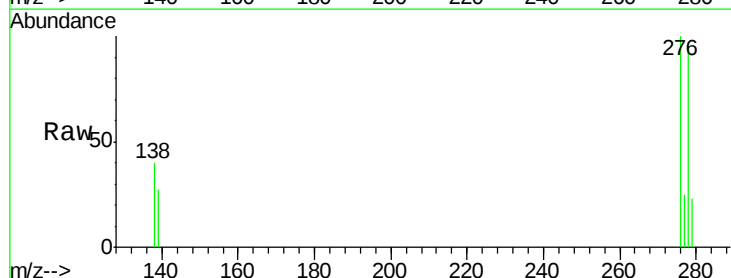
Tgt Ion:278 Resp: 236443

Ion Ratio Lower Upper

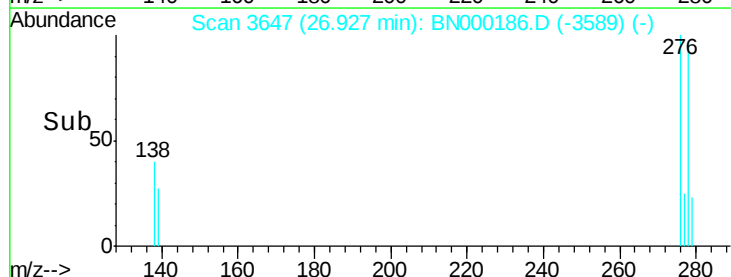
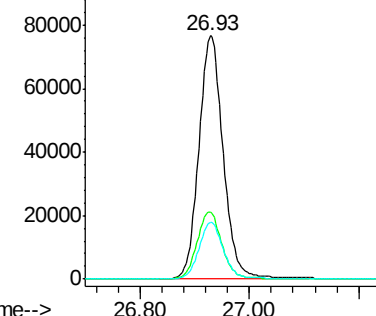
278 100

139 27.7 16.0 24.0#

279 23.4 20.0 30.0



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: 3.358 ng

RT: 27.70 min Scan# 3873

Delta R.T. -0.00 min

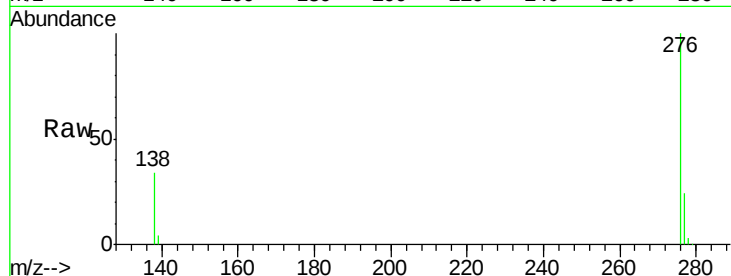
Lab File: BN000186.D

Acq: 27 Feb 2018 12:08

Instrument :

BNA_N

ClientSampleId :



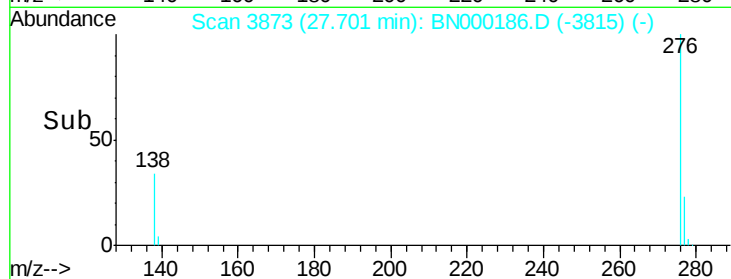
Tgt Ion: 276 Resp: 251012

Ion Ratio Lower Upper

276 100

277 23.5 16.0 24.0

138 33.9 20.0 30.0#



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

