

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000183.D
 Acq On : 27 Feb 2018 10:25
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 27 14:17:33 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	6938	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	26583	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	13298	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	29928	0.40	ng	0.00
27) Chrysene-d12	21.90	240	27714	0.40	ng	0.00
34) Perylene-d12	24.37	264	23589	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	6011	0.41	ng	0.00
5) Phenol-d6	7.58	99	7396	0.40	ng	0.00
8) Nitrobenzene-d5	9.63	82	6338	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	16278	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1654	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	25782	0.41	ng	0.00
25) Fluoranthene-d10	19.77	212	31604	0.40	ng	0.00
29) Terphenyl-d14	20.34	244	19778	0.41	ng	0.00

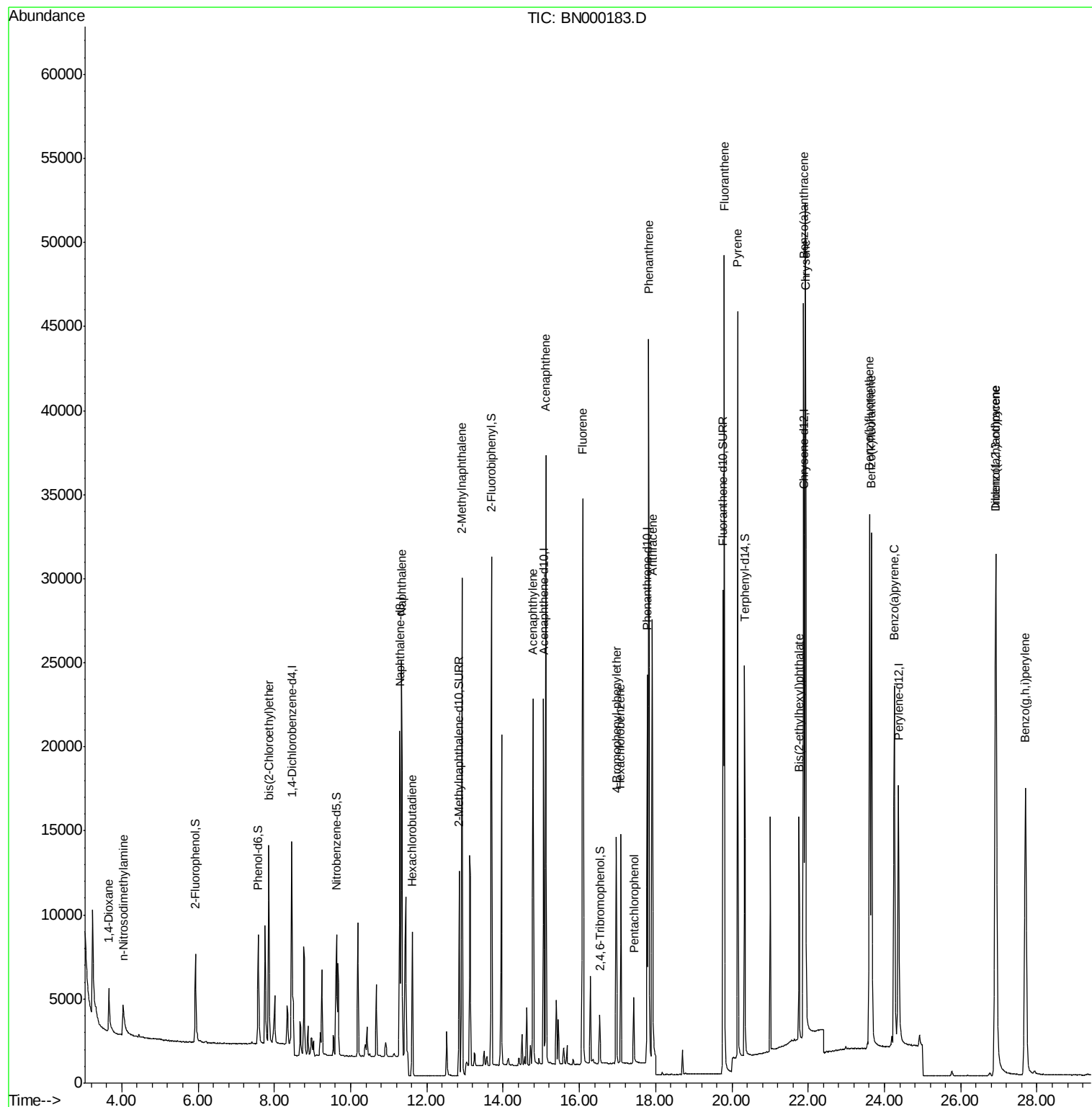
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	2710	0.334	ng	91
3) n-Nitrosodimethylamine	4.03	42	1871	0.350	ng	99
6) bis(2-Chloroethyl)ether	7.85	93	9828	0.416	ng	98
9) Naphthalene	11.34	128	31771	0.409	ng	97
10) Hexachlorobutadiene	11.62	225	5452	0.413	ng	97
12) 2-Methylnaphthalene	12.92	142	20619	0.405	ng	99
16) Acenaphthylene	14.78	152	24484	0.391	ng	100
17) Acenaphthene	15.13	154	19825	0.401	ng	97
18) Fluorene	16.09	166	24369	0.395	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	6863	0.398	ng	# 85
21) Hexachlorobenzene	17.09	284	9254	0.401	ng	96
22) Pentachlorophenol	17.43	266	2155	0.350	ng	99
23) Phenanthrene	17.82	178	42466	0.403	ng	99
24) Anthracene	17.91	178	31263	0.379	ng	96
26) Fluoranthene	19.80	202	43212	0.396	ng	# 96
28) Pyrene	20.15	202	43768	0.402	ng	100
30) Benzo(a)anthracene	21.88	228	34866	0.399	ng	97
31) Chrysene	21.93	228	41906	0.411	ng	99
32) Bis(2-ethylhexyl)phthalate	21.76	149	11965	0.368	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.91	276	39842	0.418	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	42364	0.393	ng	95
36) Benzo(k)fluoranthene	23.66	252	42396	0.402	ng	# 90
37) Benzo(a)pyrene	24.26	252	34494	0.393	ng	# 91
38) Dibenzo(a,h)anthracene	26.93	278	30718	0.393	ng	# 92
39) Benzo(g,h,i)perylene	27.70	276	37068	0.402	ng	# 87

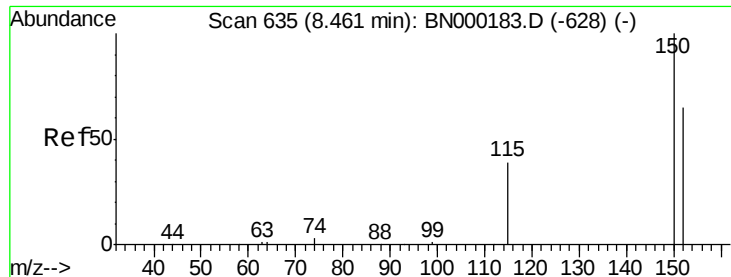
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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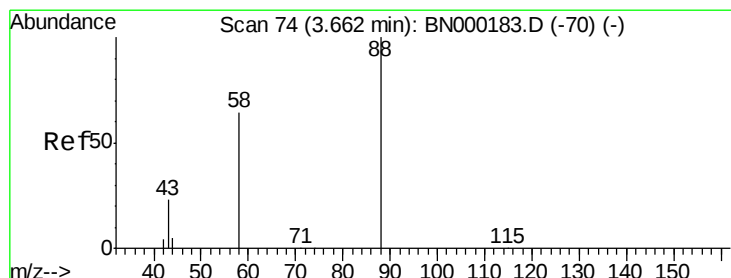
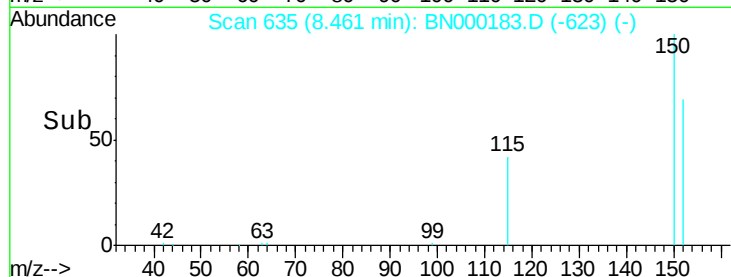
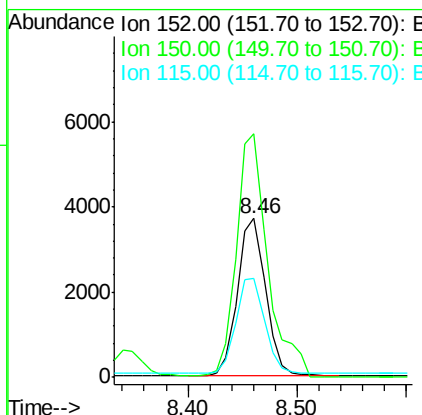
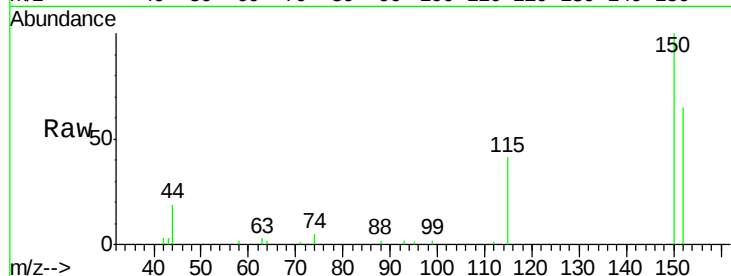




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.46 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BN000183.D
 Acq: 27 Feb 2018 10:25

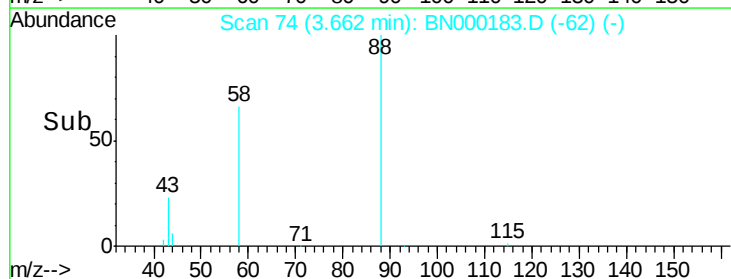
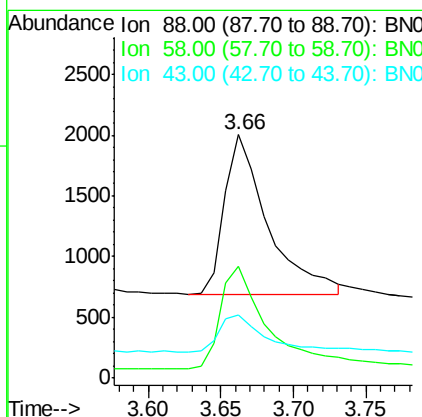
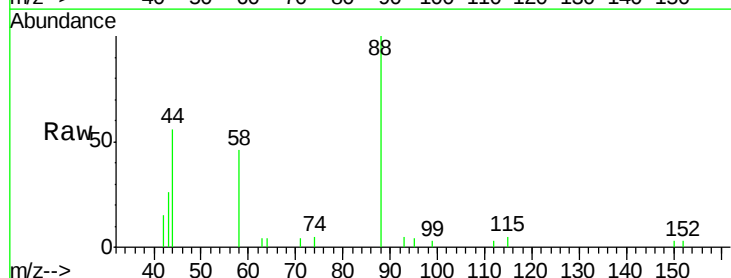
Instrument :
 BNA_N
 ClientSampleId :

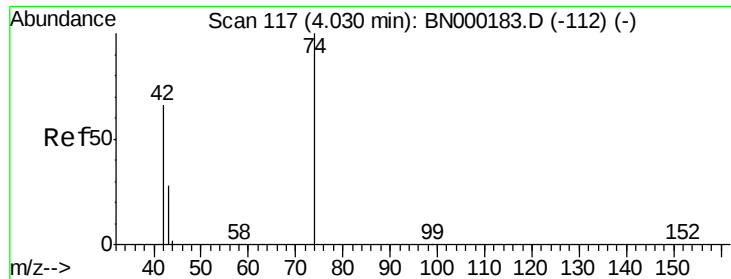
Tgt Ion: 152 Resp: 6938
 Ion Ratio Lower Upper
 152 100
 150 153.3 117.2 175.8
 115 62.2 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.334 ng
 RT: 3.66 min Scan# 74
 Delta R.T. 0.00 min
 Lab File: BN000183.D
 Acq: 27 Feb 2018 10:25

Tgt Ion: 88 Resp: 2710
 Ion Ratio Lower Upper
 88 100
 58 69.4 48.0 72.0
 43 24.9 20.0 30.0



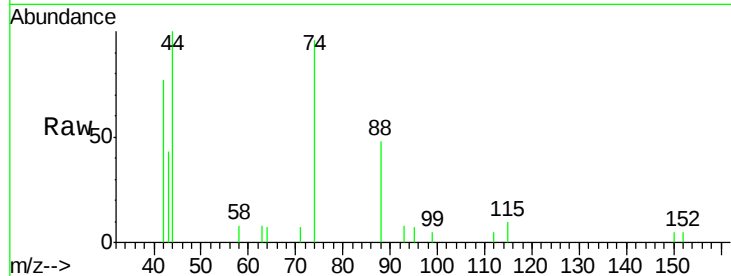


#3

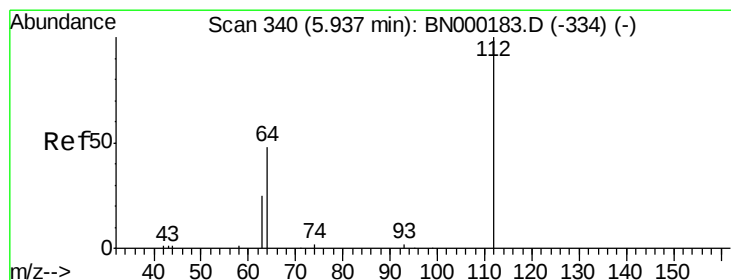
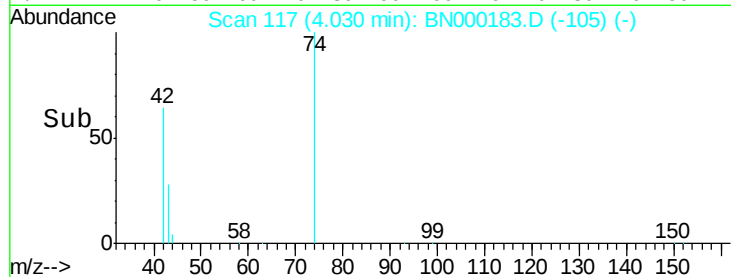
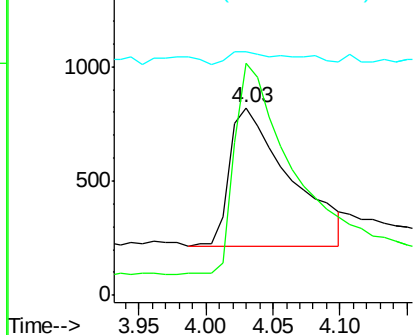
n-Nitrosodimethylamine
 Concen: 0.350 ng
 RT: 4.03 min Scan# 117
 Delta R.T. 0.00 min
 Lab File: BN000183.D
 Acq: 27 Feb 2018 10:25

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 42 Resp: 1871
 Ion Ratio Lower Upper
 42 100
 74 148.9 120.0 180.0
 44 5.3 4.0 6.0



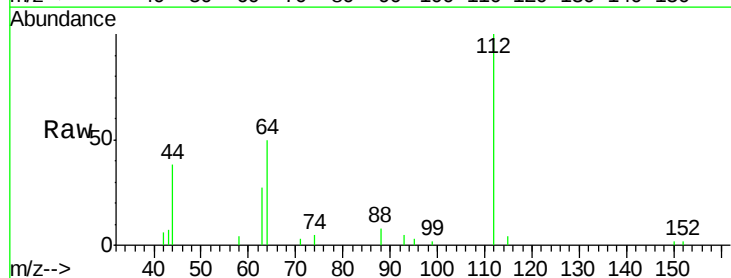
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



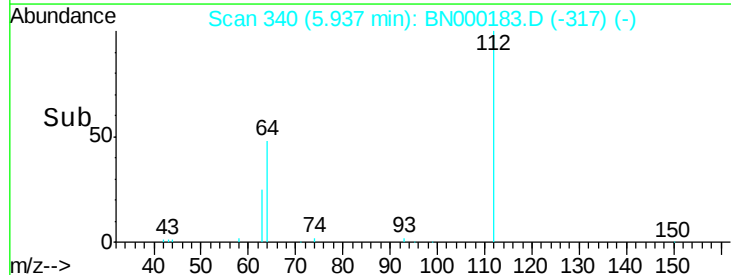
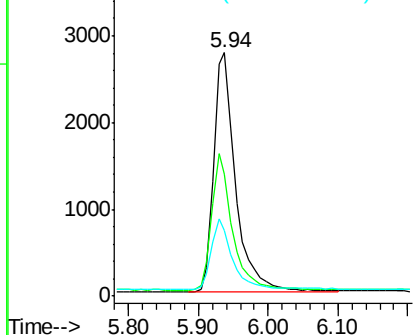
#4

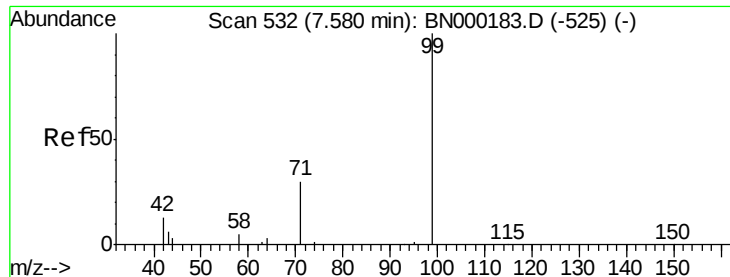
2-Fluorophenol
 Concen: 0.410 ng
 RT: 5.94 min Scan# 340
 Delta R.T. 0.00 min
 Lab File: BN000183.D
 Acq: 27 Feb 2018 10:25

Tgt Ion: 112 Resp: 6011
 Ion Ratio Lower Upper
 112 100
 64 54.0 60.1 90.1#
 63 28.9 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.397 ng

RT: 7.58 min Scan# 532

Delta R.T. 0.00 min

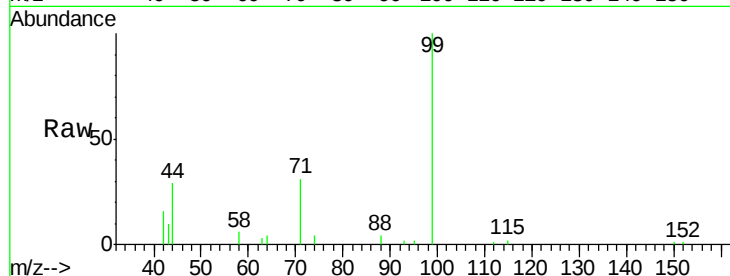
Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampled :



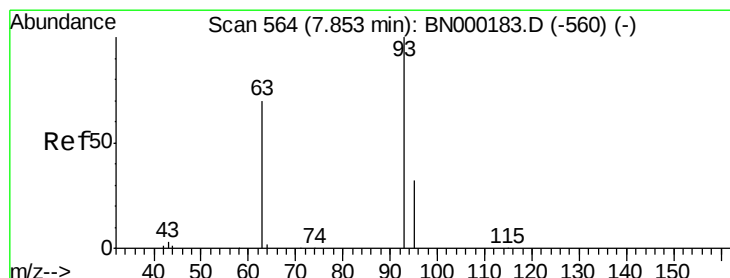
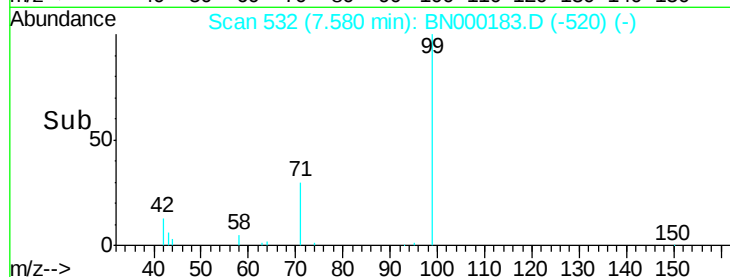
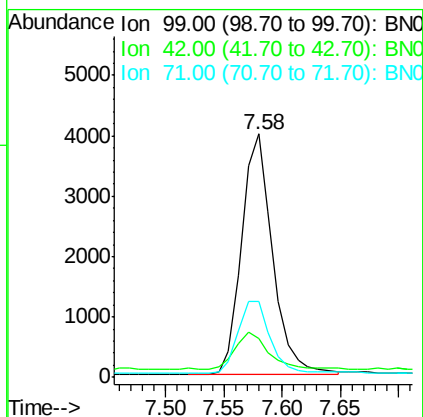
Tgt Ion: 99 Resp: 7396

Ion Ratio Lower Upper

99 100

42 16.6 20.2 30.2#

71 31.7 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.416 ng

RT: 7.85 min Scan# 564

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

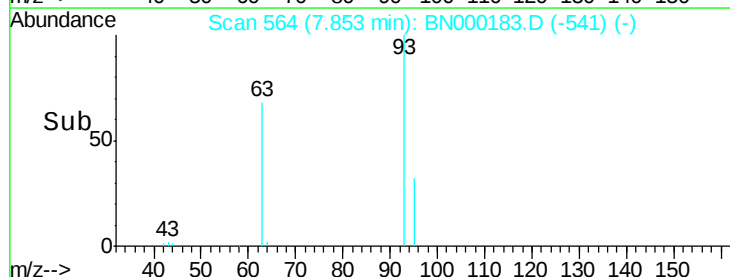
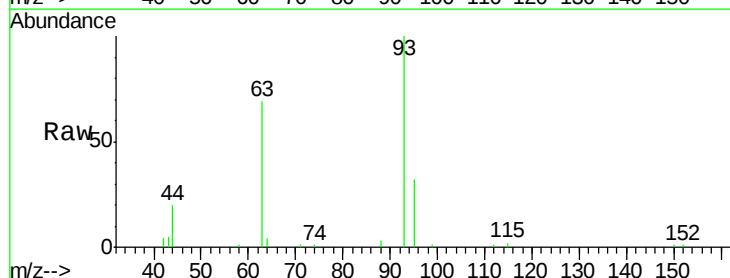
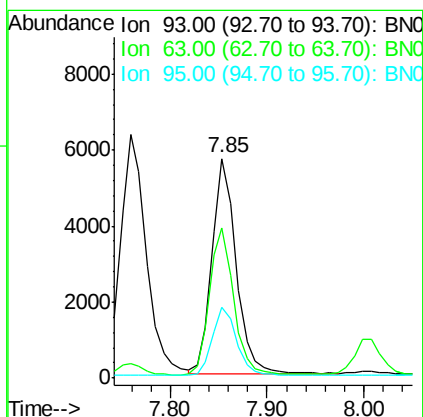
Tgt Ion: 93 Resp: 9828

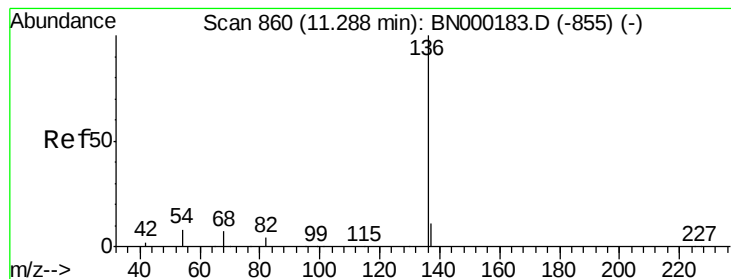
Ion Ratio Lower Upper

93 100

63 68.3 56.0 84.0

95 32.2 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:136 Resp: 26583

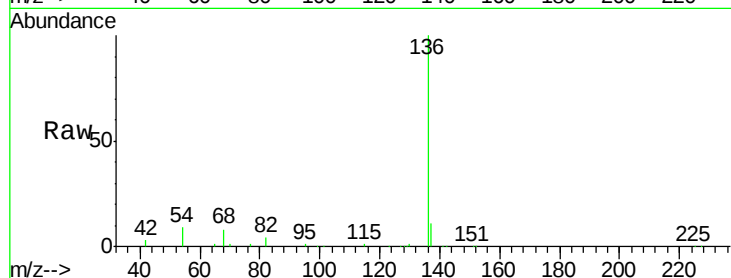
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 8.6 29.1 43.7#

68 7.9 6.2 9.2

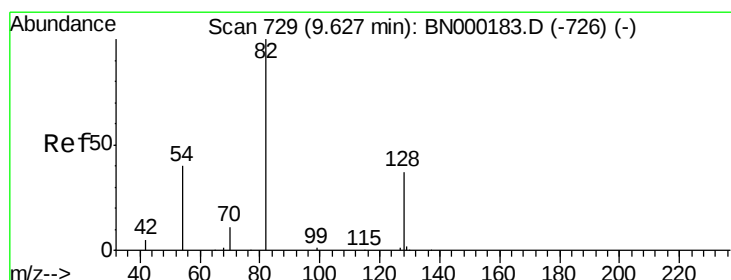
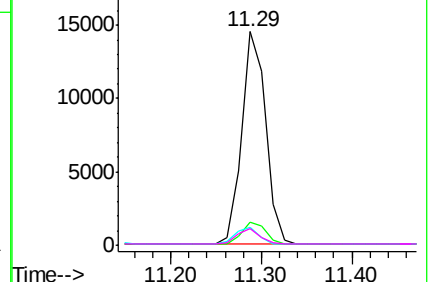
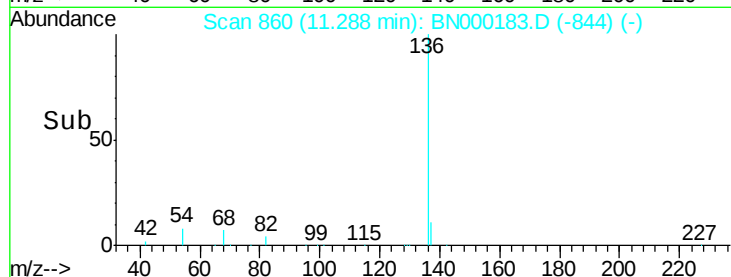


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 9.63 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

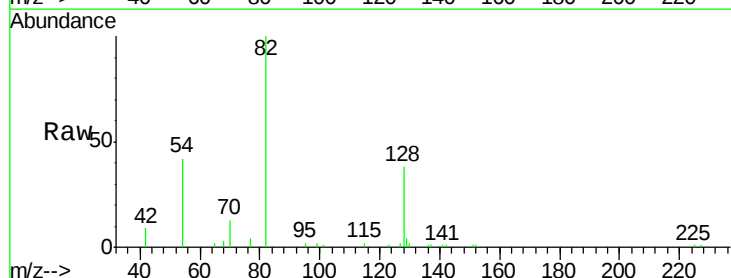
Tgt Ion: 82 Resp: 6338

Ion Ratio Lower Upper

82 100

128 38.2 150.0 225.0#

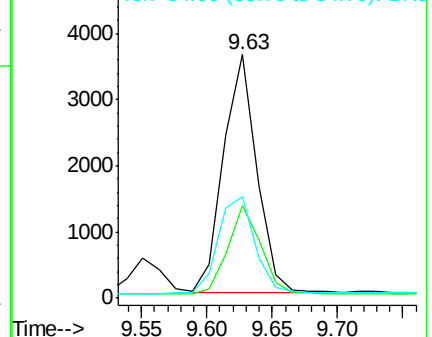
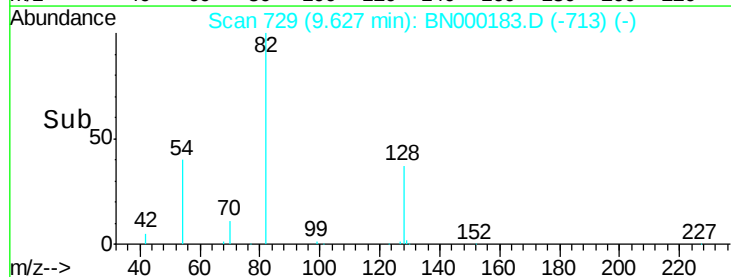
54 41.6 154.2 231.4#

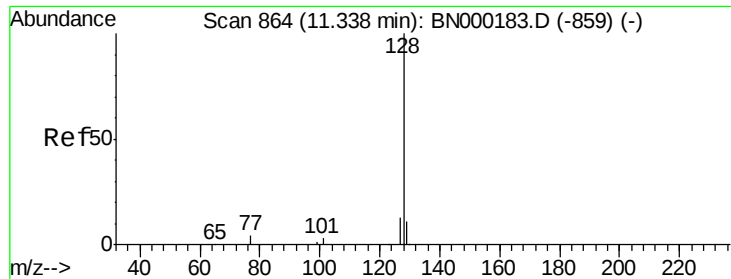


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.409 ng

RT: 11.34 min Scan# 864

Delta R.T. 0.00 min

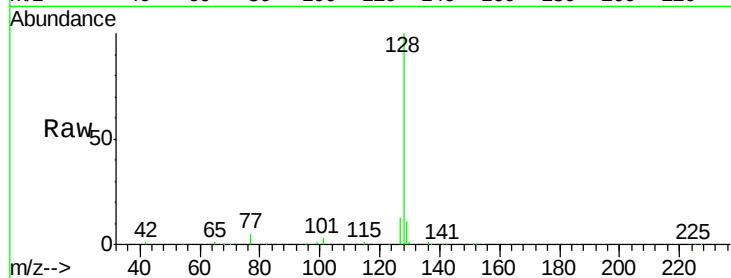
Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

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BNA_N

ClientSampleId :



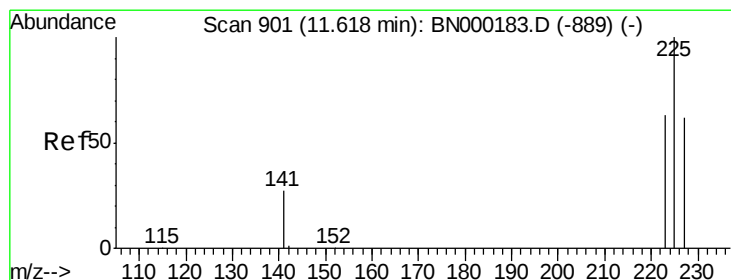
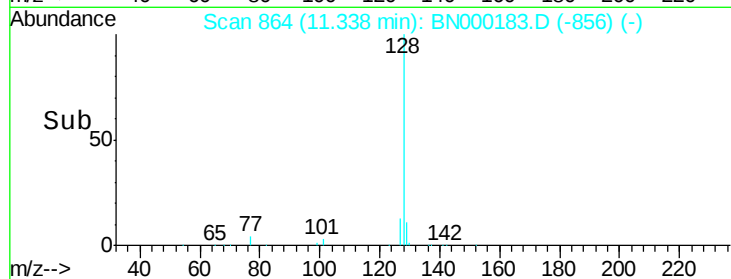
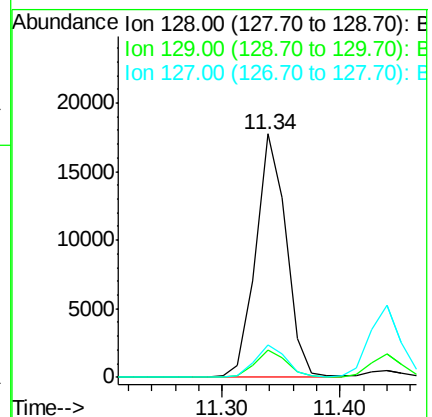
Tgt Ion:128 Resp: 31771

Ion Ratio Lower Upper

128 100

129 11.1 8.0 12.0

127 13.2 9.6 14.4



#10

Hexachlorobutadiene

Concen: 0.413 ng

RT: 11.62 min Scan# 901

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

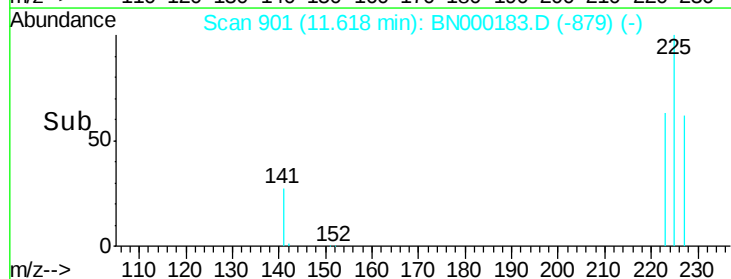
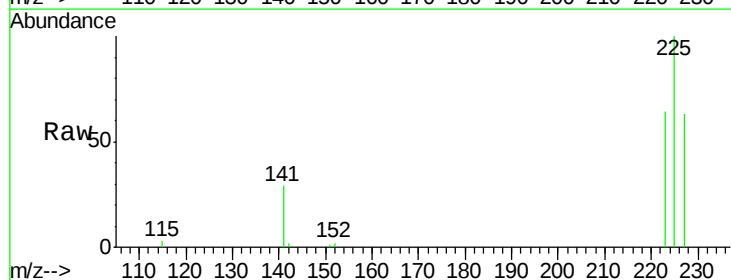
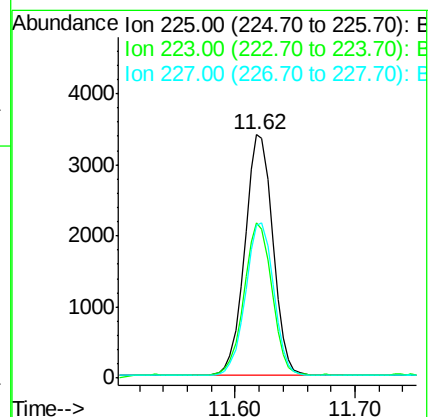
Tgt Ion:225 Resp: 5452

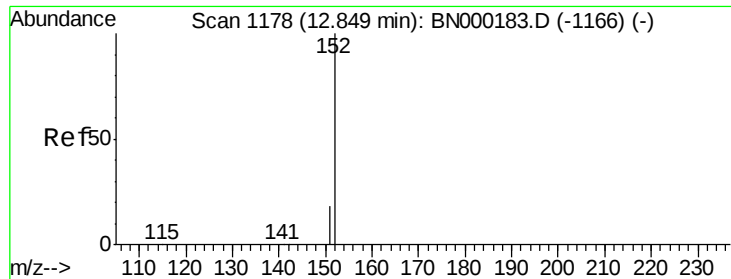
Ion Ratio Lower Upper

225 100

223 62.4 53.0 79.6

227 63.4 51.4 77.2

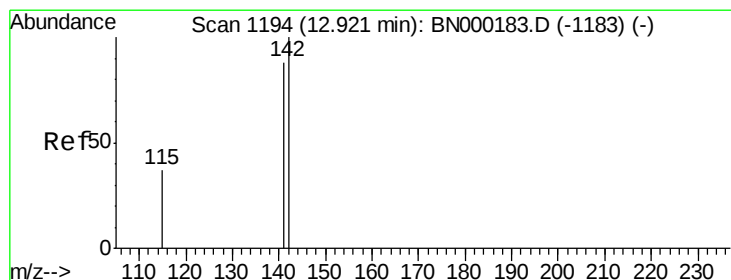
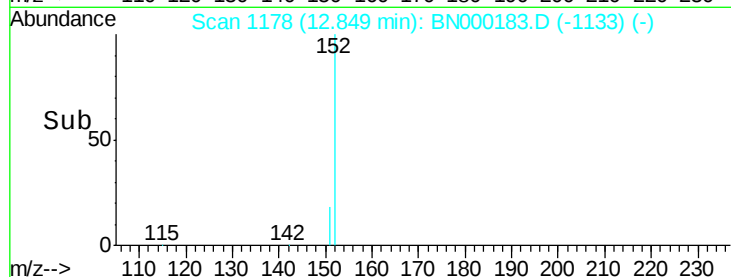
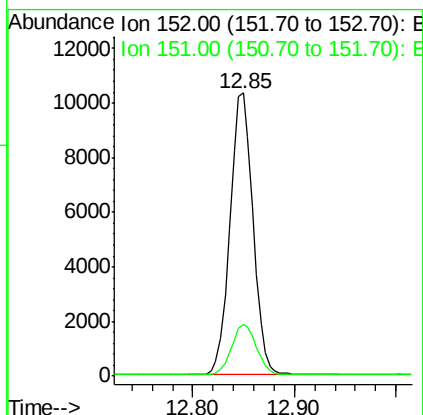
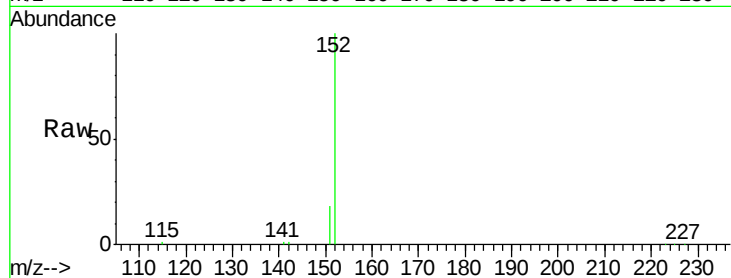




#11
 2-Methylnaphthalene-d10
 Concen: 0.407 ng
 RT: 12.85 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BN000183.D
 Acq: 27 Feb 2018 10:25

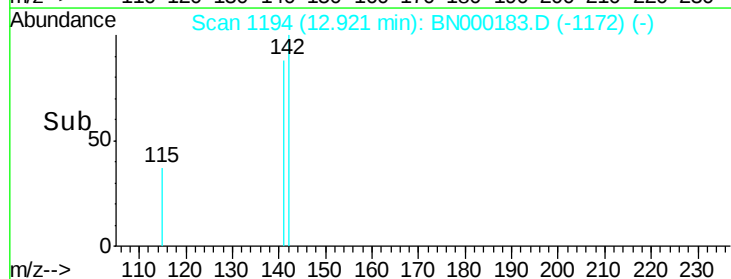
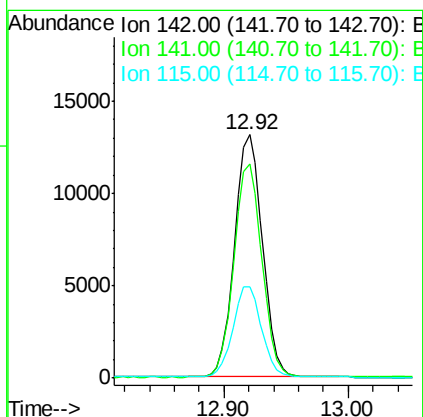
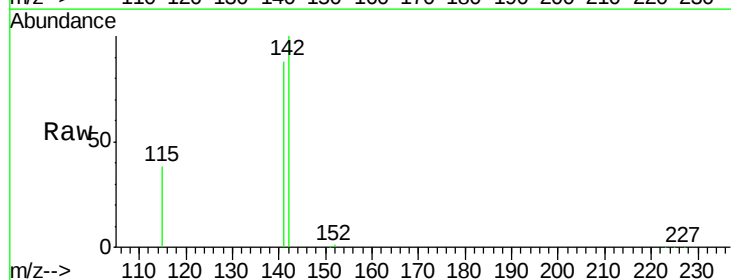
Instrument :
 BNA_N
 ClientSampleId :

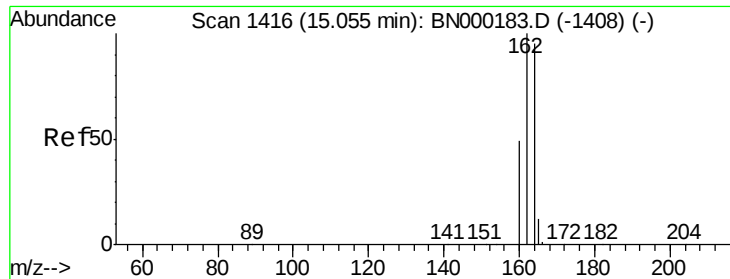
Tgt Ion:152 Resp: 16278
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.405 ng
 RT: 12.92 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BN000183.D
 Acq: 27 Feb 2018 10:25

Tgt Ion:142 Resp: 20619
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.4 105.6
 115 37.7 31.7 47.5

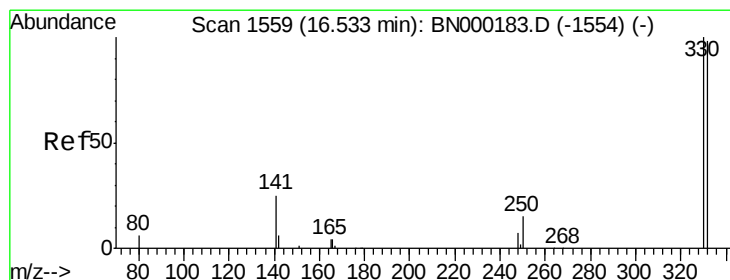
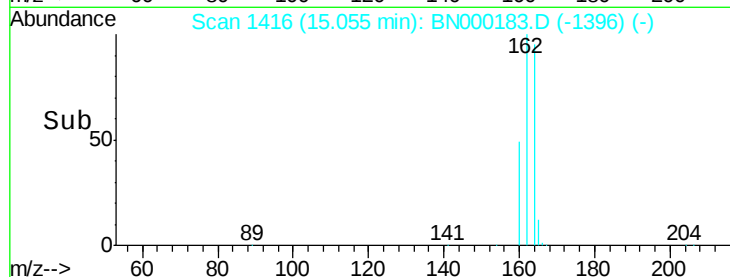
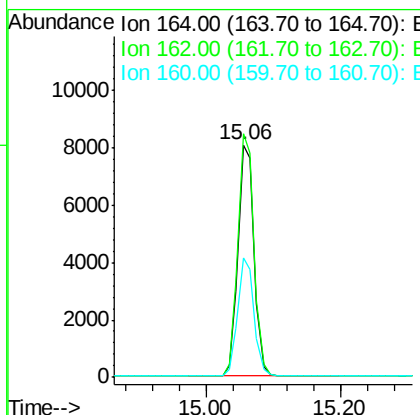
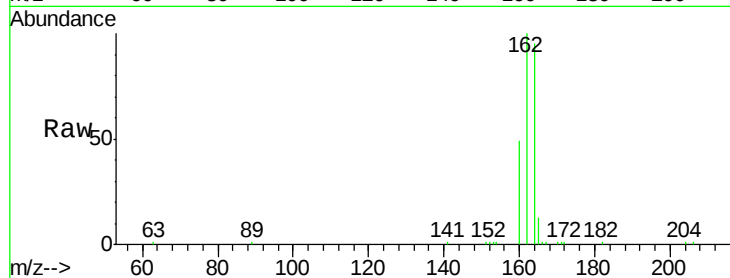




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BN000183.D
 Acq: 27 Feb 2018 10:25

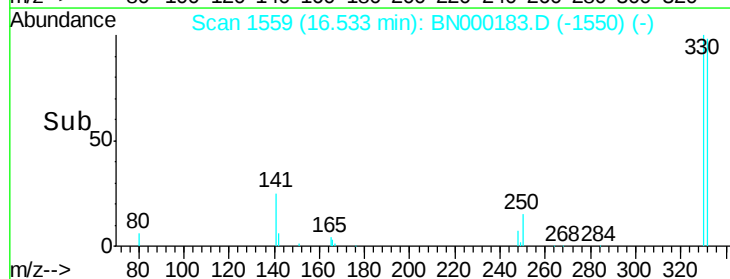
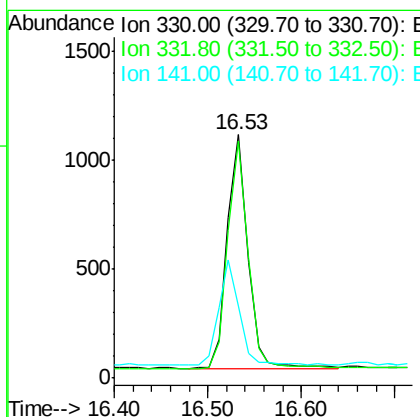
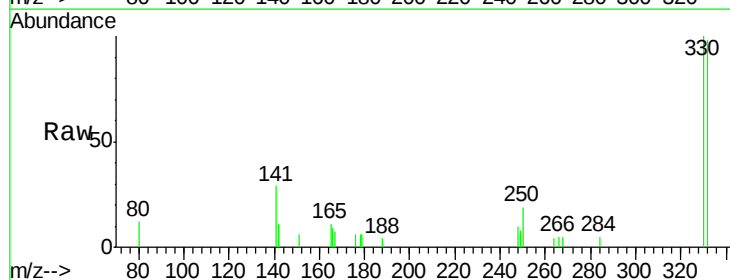
Instrument :
 BNA_N
 ClientSampled :

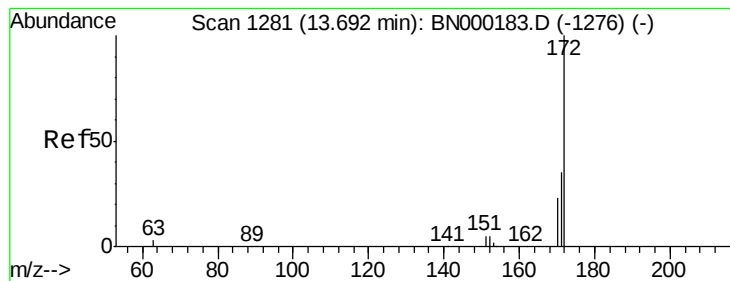
Tgt Ion:164 Resp: 13298
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.1 124.7
 160 51.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.374 ng
 RT: 16.53 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BN000183.D
 Acq: 27 Feb 2018 10:25

Tgt Ion:330 Resp: 1654
 Ion Ratio Lower Upper
 330 100
 332 97.0 152.7 229.1#
 141 44.3 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.409 ng

RT: 13.69 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

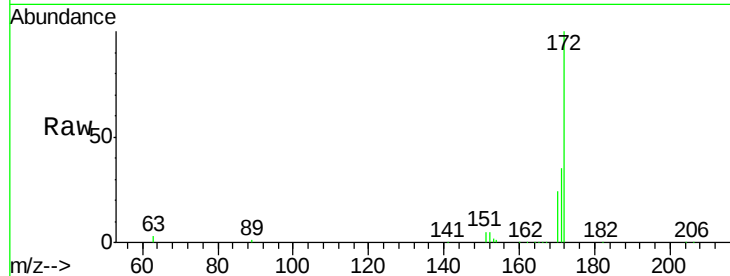
Tgt Ion:172 Resp: 25782

Ion Ratio Lower Upper

172 100

171 35.1 29.9 44.9

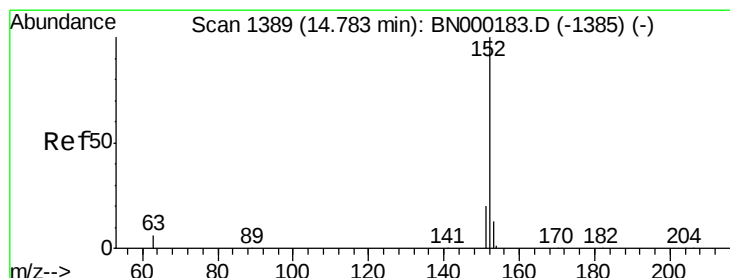
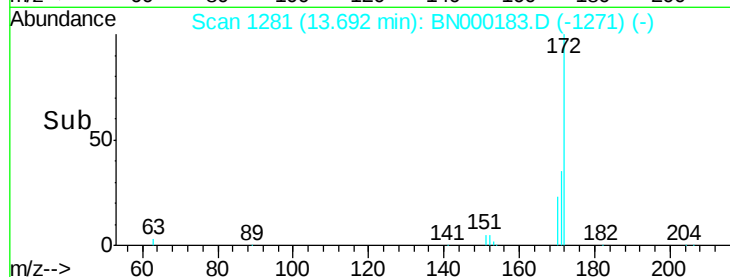
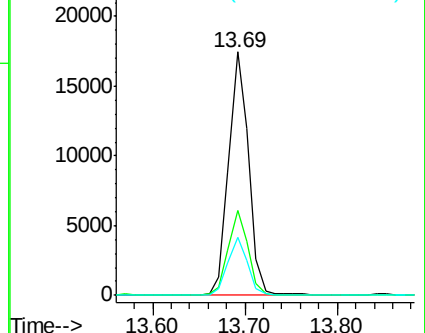
170 23.6 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.391 ng

RT: 14.78 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

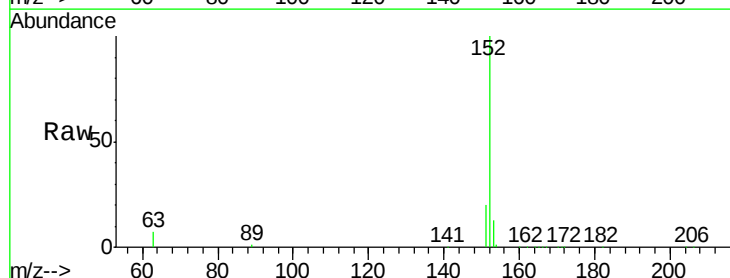
Tgt Ion:152 Resp: 24484

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

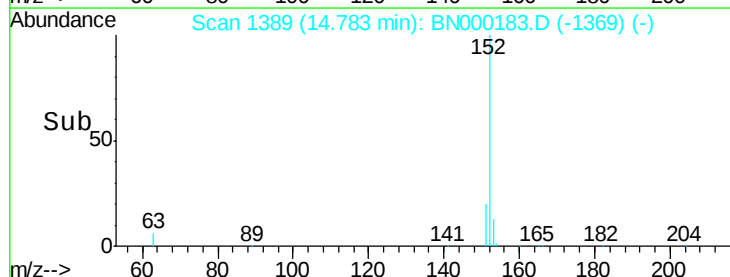
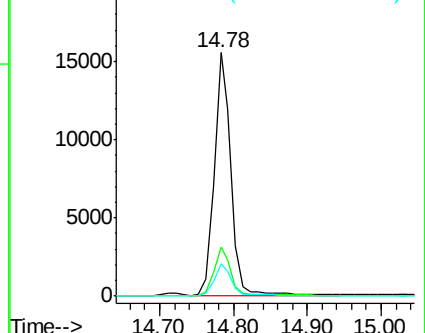
153 13.0 10.5 15.7

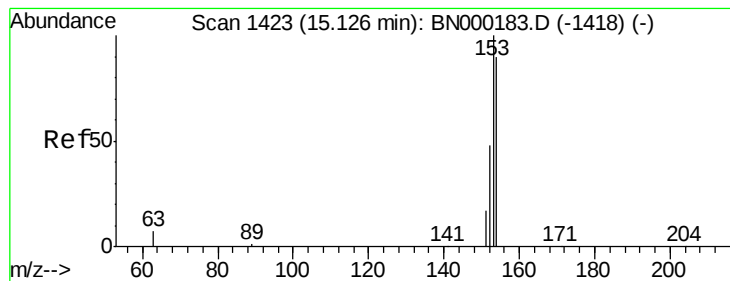


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.401 ng

RT: 15.13 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

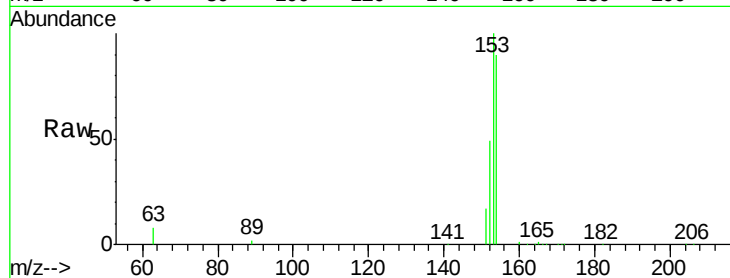
Tgt Ion:154 Resp: 19825

Ion Ratio Lower Upper

154 100

153 113.3 89.2 133.8

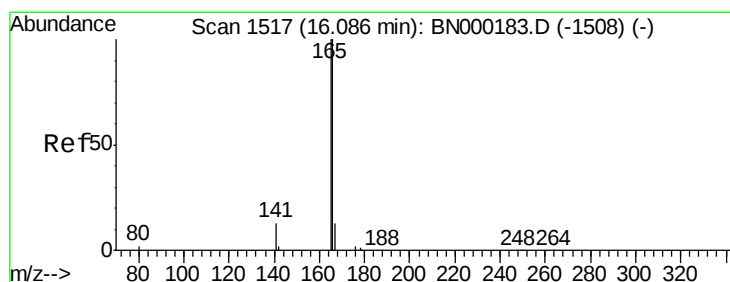
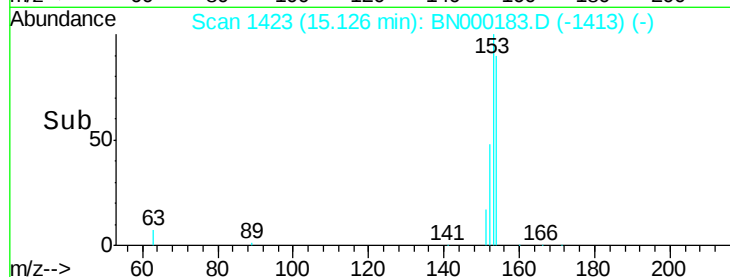
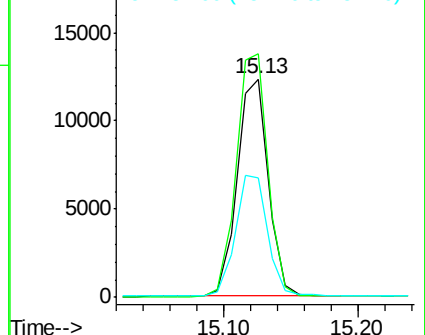
152 56.9 42.0 63.0



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: 0.395 ng

RT: 16.09 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

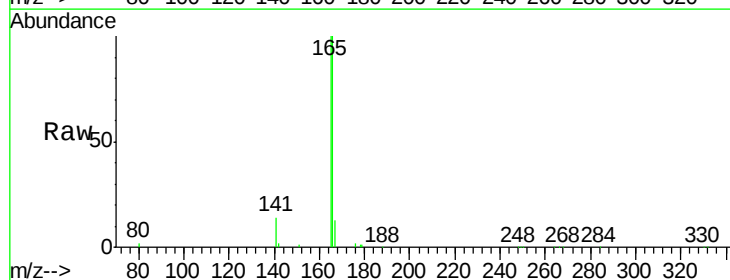
Tgt Ion:166 Resp: 24369

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

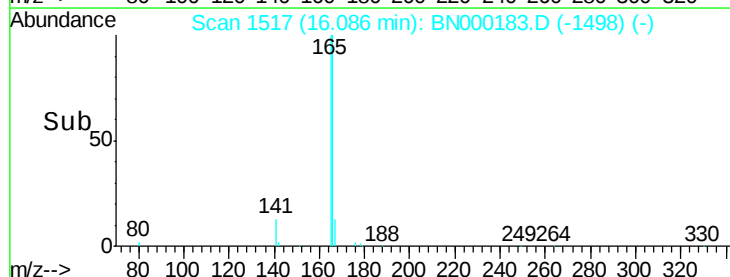
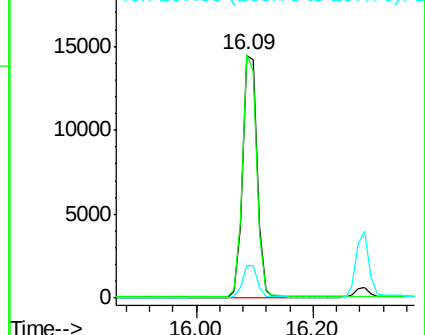
167 13.4 42.4 63.6#

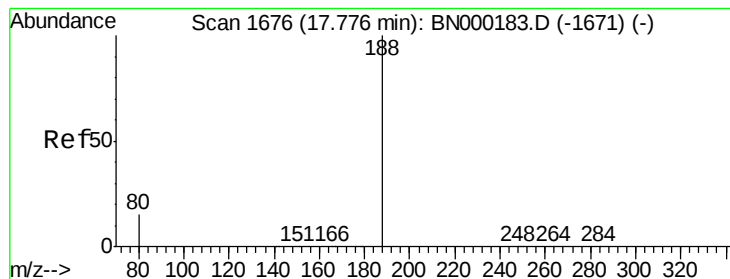


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

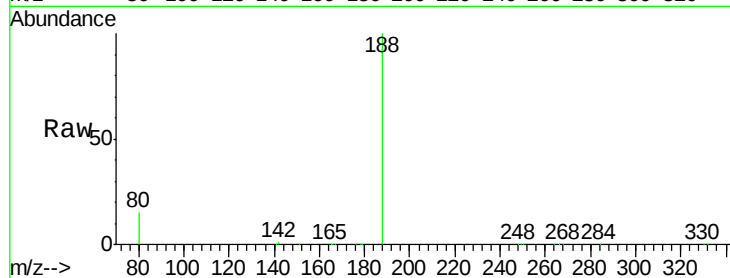
Tgt Ion:188 Resp: 29928

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

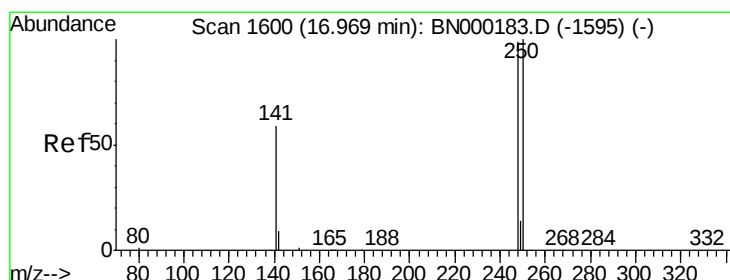
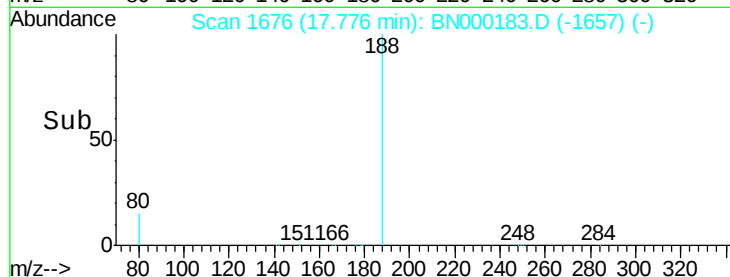
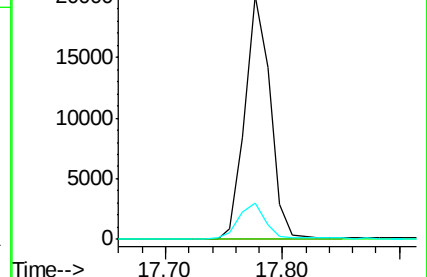
80 14.9 3.6 5.4#



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: 0.398 ng

RT: 16.97 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

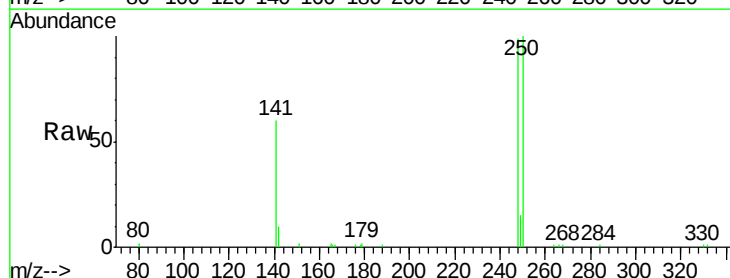
Tgt Ion:248 Resp: 6863

Ion Ratio Lower Upper

248 100

250 100.9 62.7 94.1#

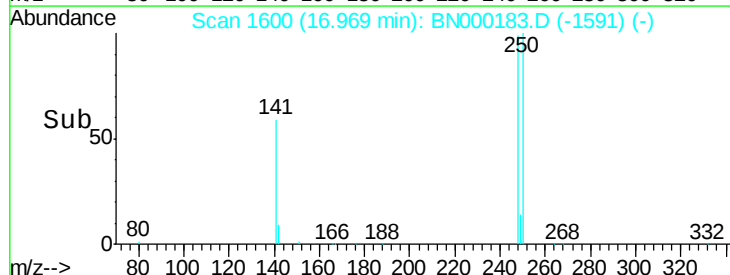
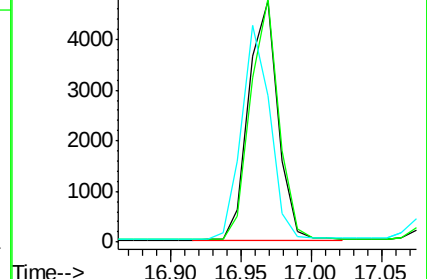
141 60.4 48.2 72.2

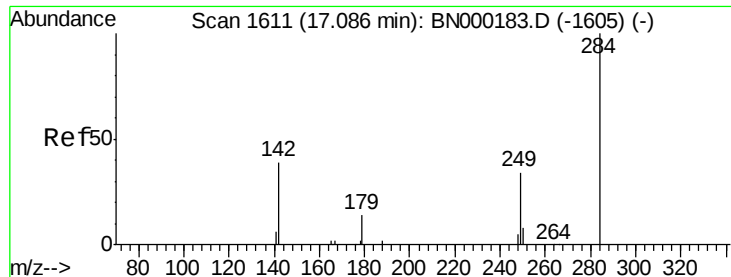


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.401 ng

RT: 17.09 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

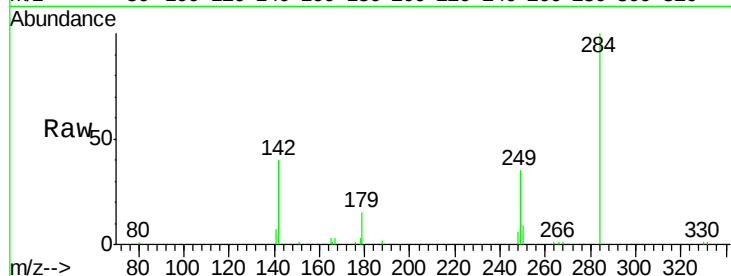
Tgt Ion:284 Resp: 9254

Ion Ratio Lower Upper

284 100

142 42.2 32.0 48.0

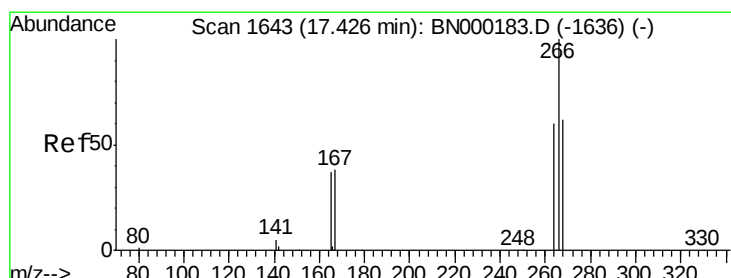
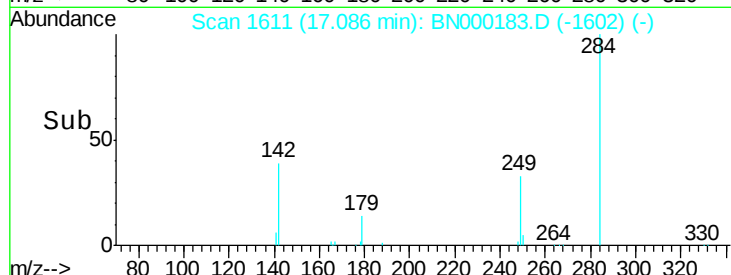
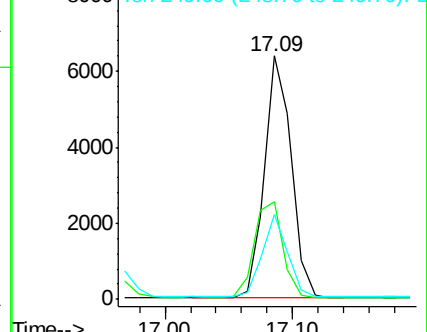
249 32.1 24.0 36.0



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: 0.350 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

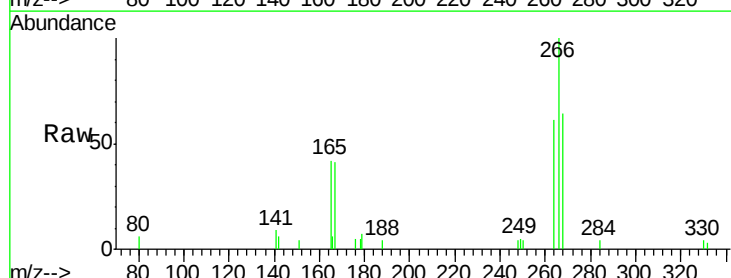
Tgt Ion:266 Resp: 2155

Ion Ratio Lower Upper

266 100

264 60.6 48.0 72.0

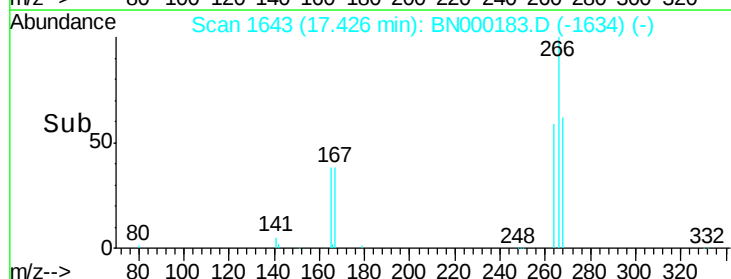
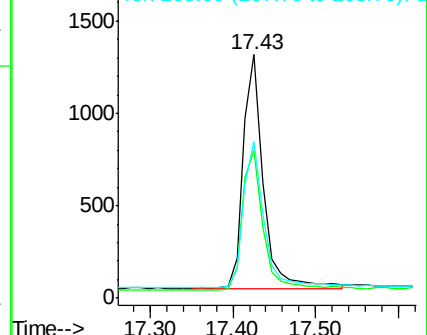
268 64.3 52.0 78.0

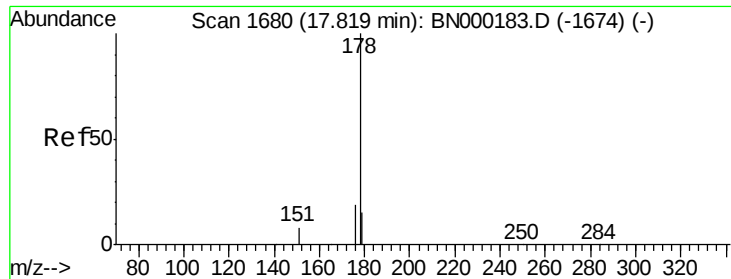


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.403 ng

RT: 17.82 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

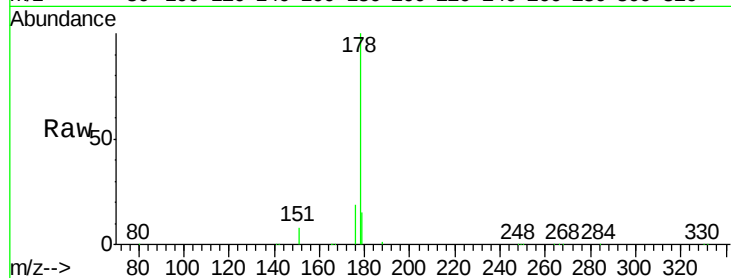
Tgt Ion:178 Resp: 42466

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

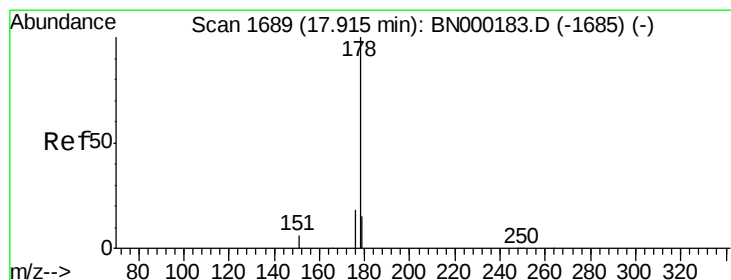
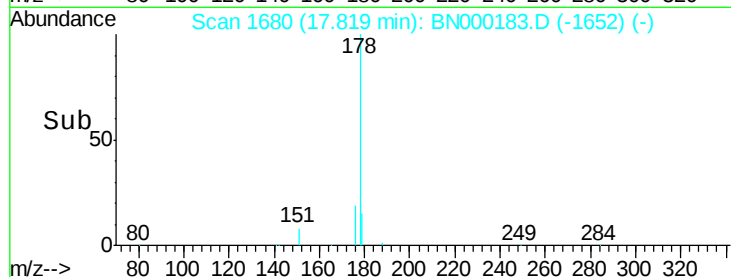
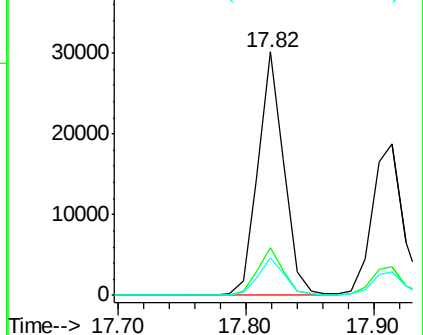
179 15.6 11.8 17.6



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: 0.379 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

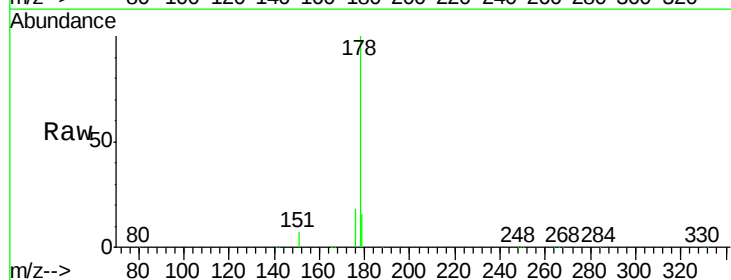
Tgt Ion:178 Resp: 31263

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

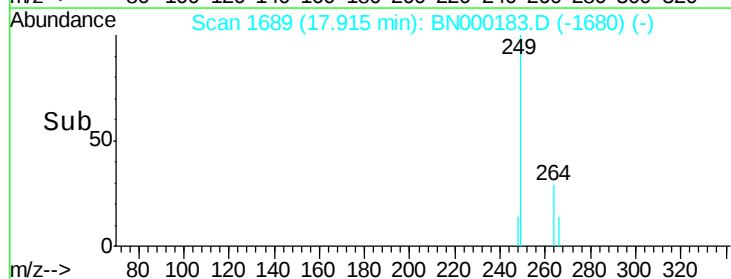
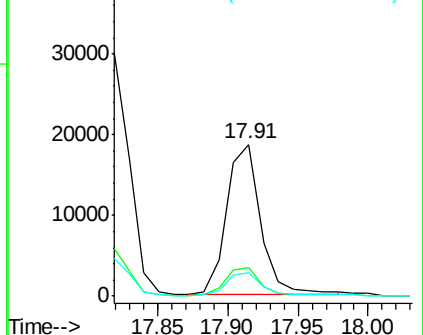
179 15.2 13.0 19.6

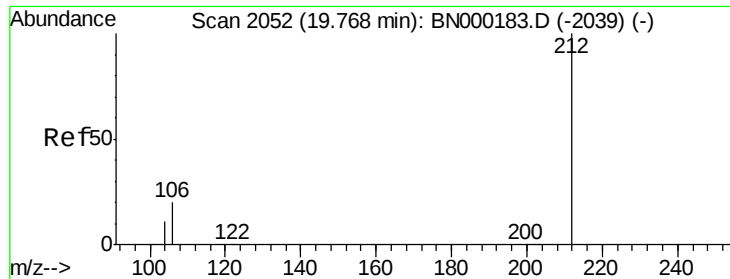


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.77 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

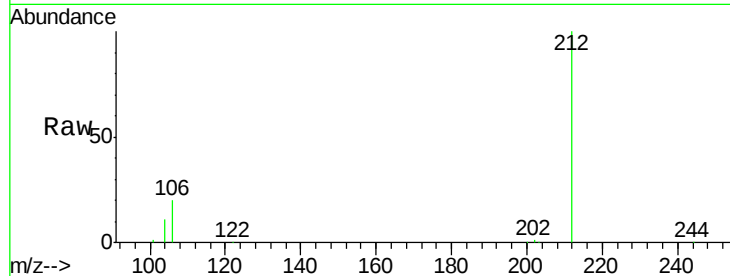
Tgt Ion:212 Resp: 31604

Ion Ratio Lower Upper

212 100

106 19.3 2.8 4.2#

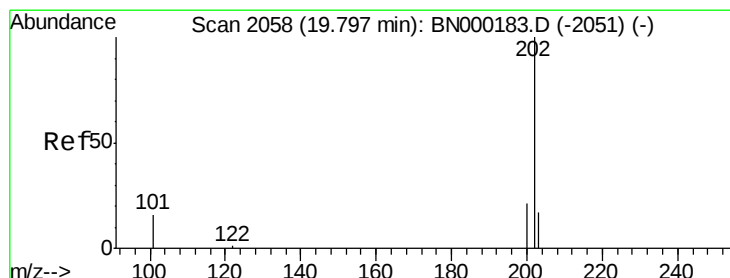
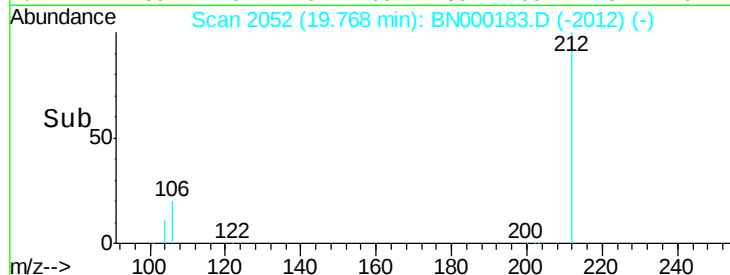
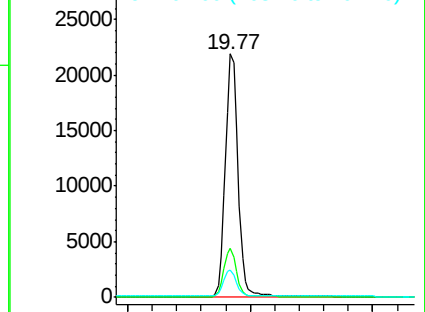
104 10.8 1.6 2.4#



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: 0.396 ng

RT: 19.80 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

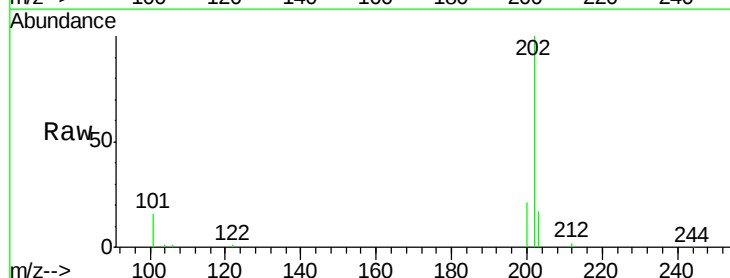
Tgt Ion:202 Resp: 43212

Ion Ratio Lower Upper

202 100

101 15.6 9.8 14.8#

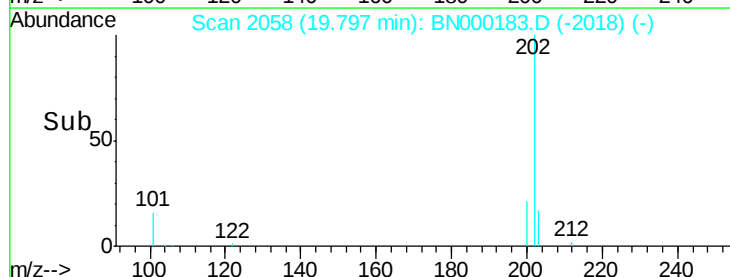
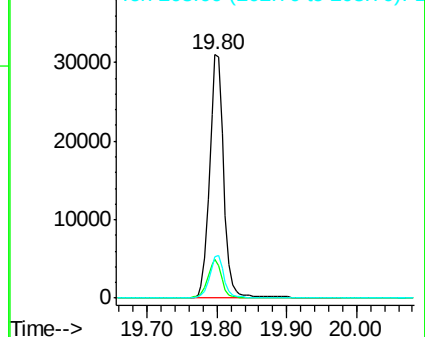
203 16.9 13.7 20.5

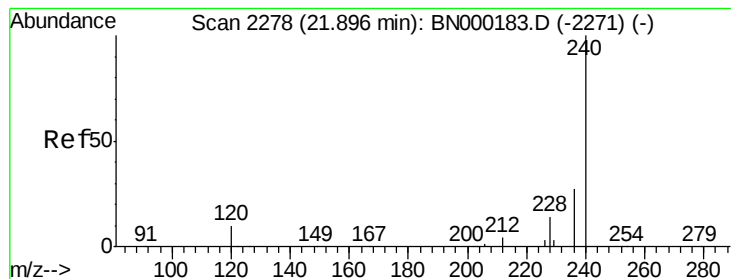


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

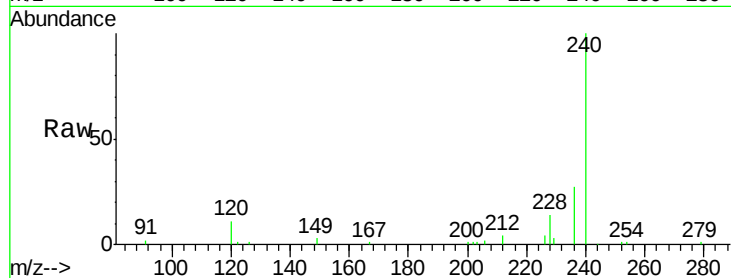
Tgt Ion:240 Resp: 27714

Ion Ratio Lower Upper

240 100

120 11.0 5.5 8.3#

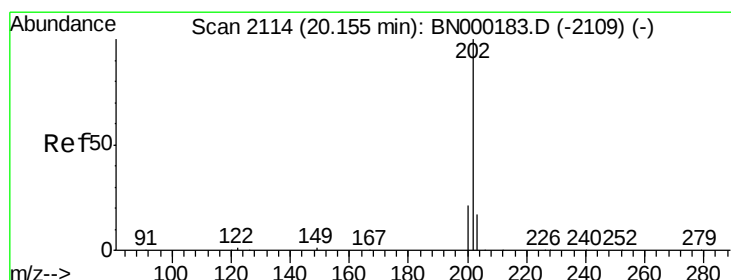
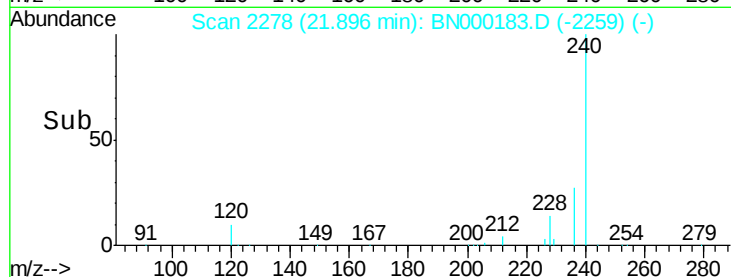
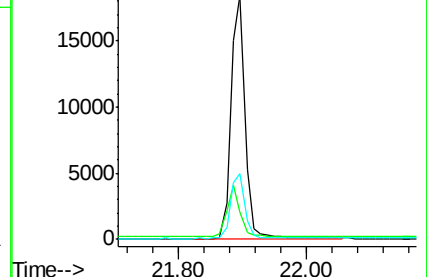
236 27.0 20.7 31.1



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: 0.402 ng

RT: 20.15 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

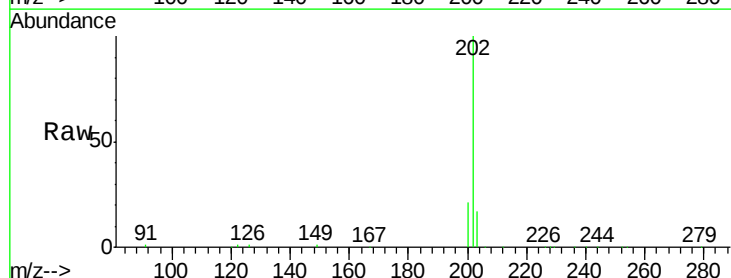
Tgt Ion:202 Resp: 43768

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

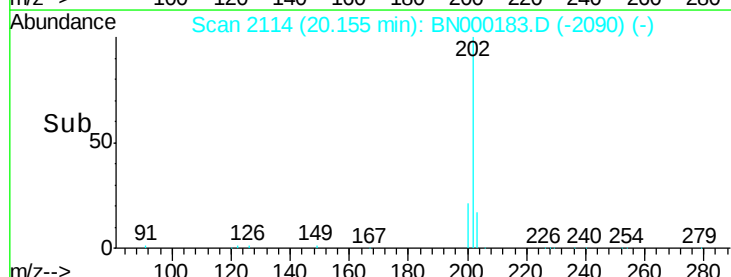
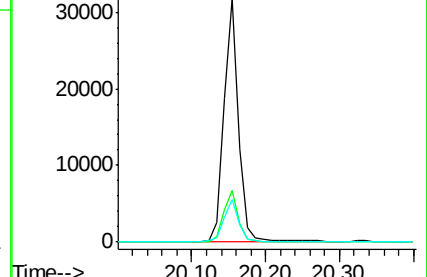
203 17.3 13.8 20.8

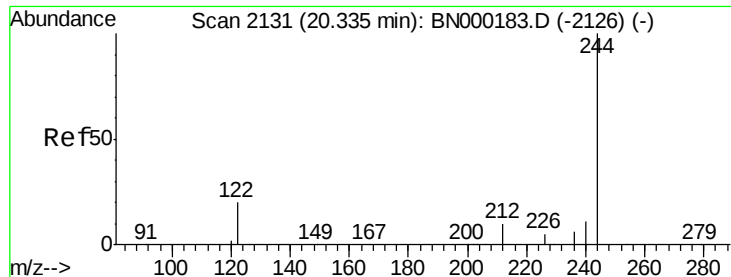


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 20.34 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

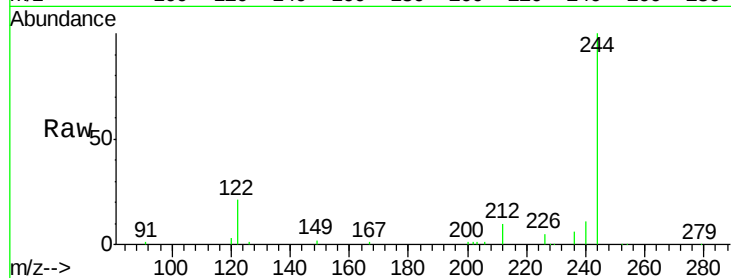
Tgt Ion:244 Resp: 19778

Ion Ratio Lower Upper

244 100

212 10.5 25.4 38.0#

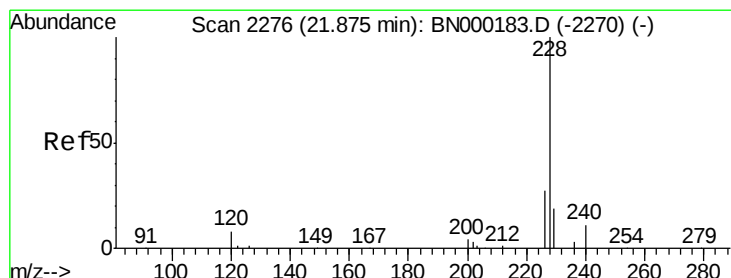
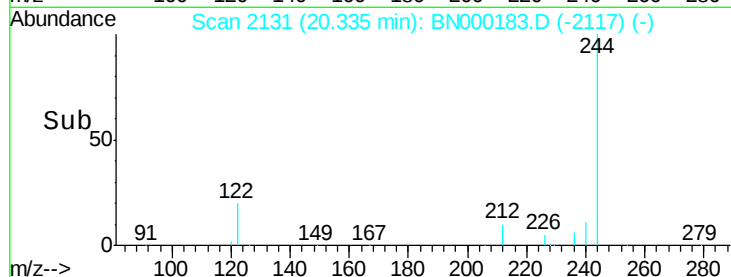
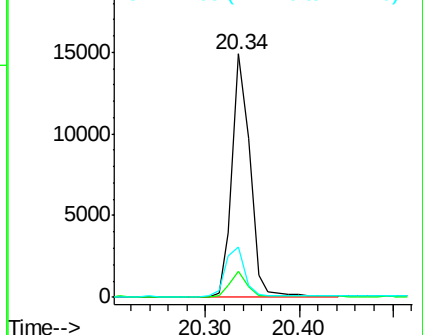
122 20.6 8.1 12.1#



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: 0.399 ng

RT: 21.88 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

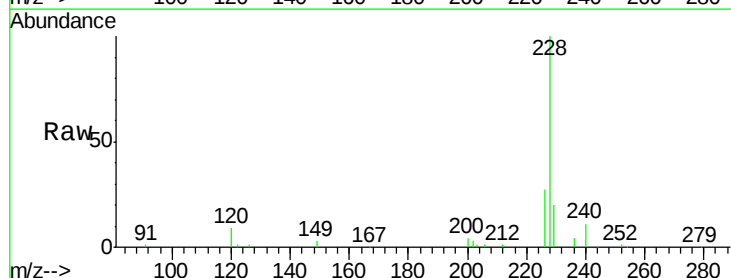
Tgt Ion:228 Resp: 34866

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

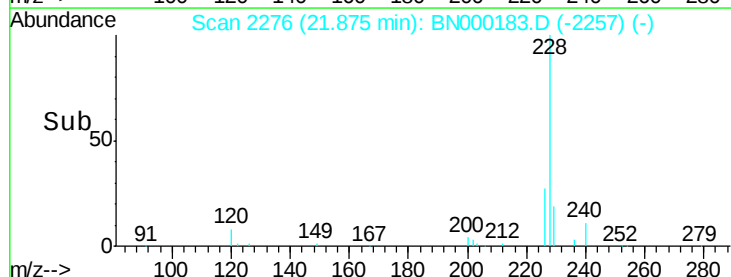
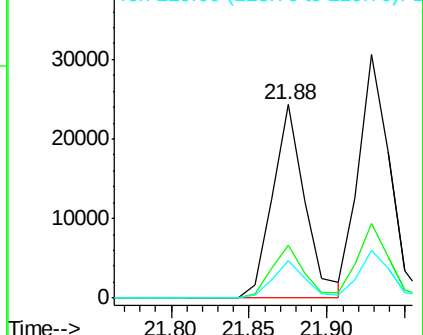
229 19.6 16.0 24.0

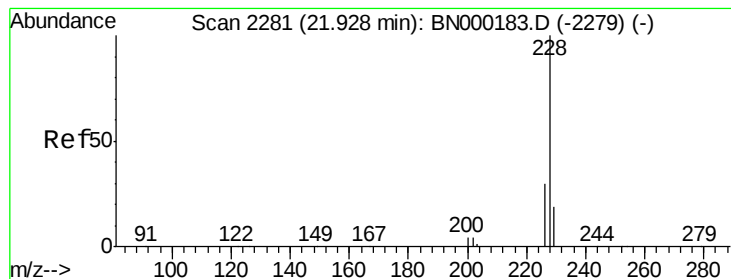


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.411 ng

RT: 21.93 min Scan# 2281

Delta R.T. 0.00 min

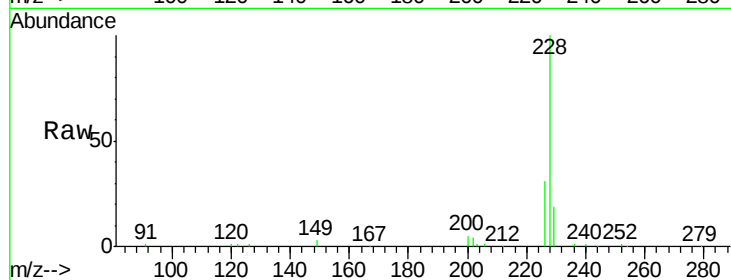
Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :



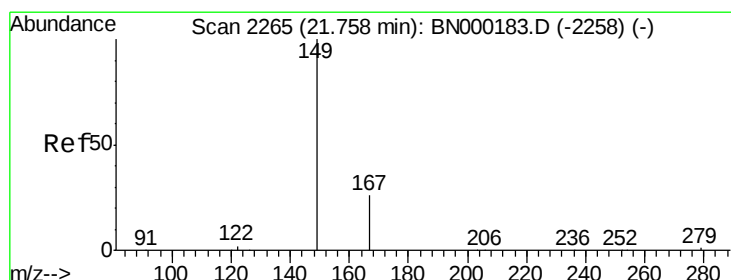
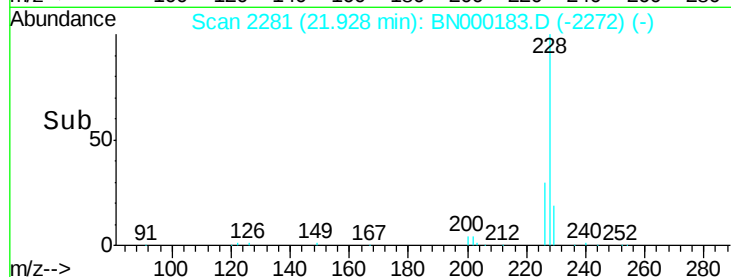
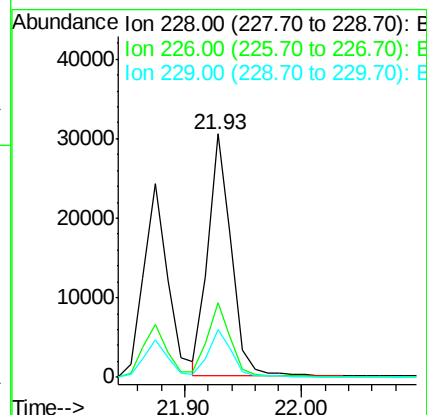
Tgt Ion:228 Resp: 41906

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 19.4 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.368 ng

RT: 21.76 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

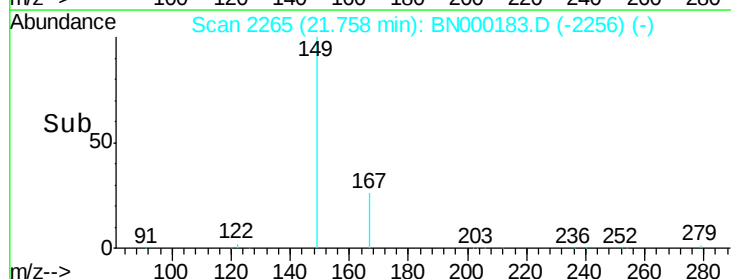
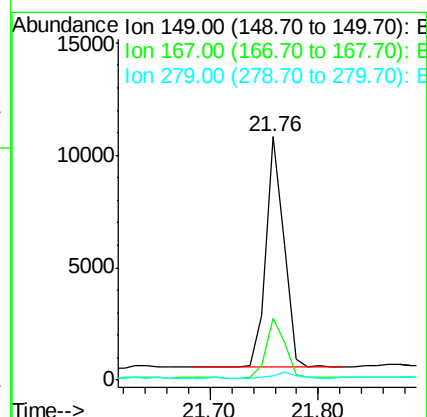
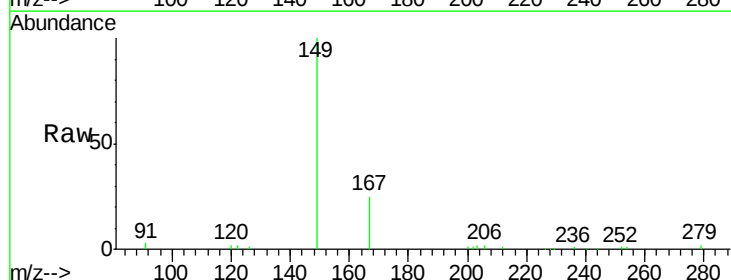
Tgt Ion:149 Resp: 11965

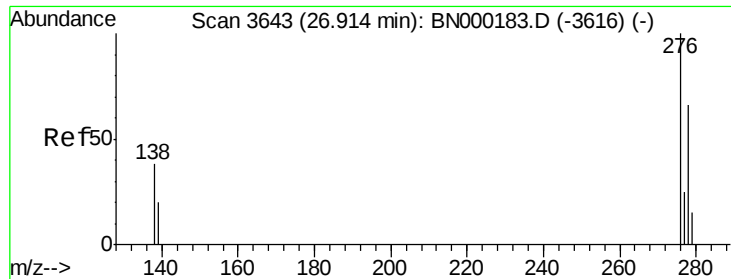
Ion Ratio Lower Upper

149 100

167 26.0 20.0 30.0

279 2.5 1.6 2.4#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.418 ng

RT: 26.91 min Scan# 3643

Delta R.T. 0.00 min

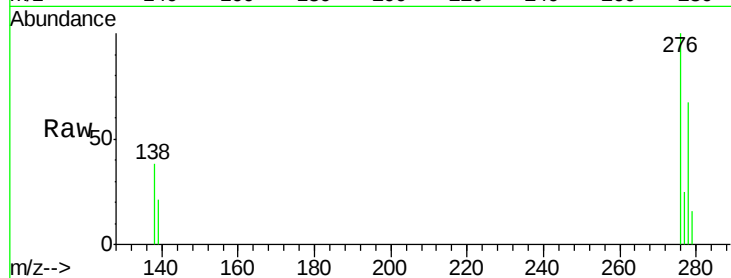
Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

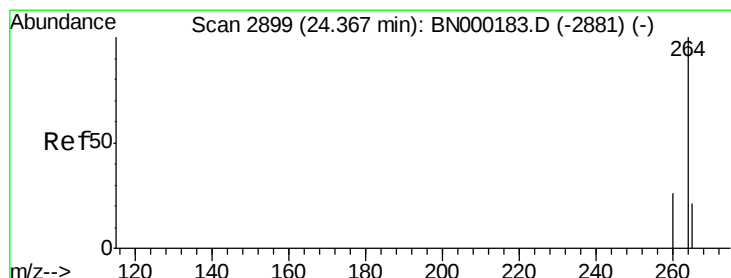
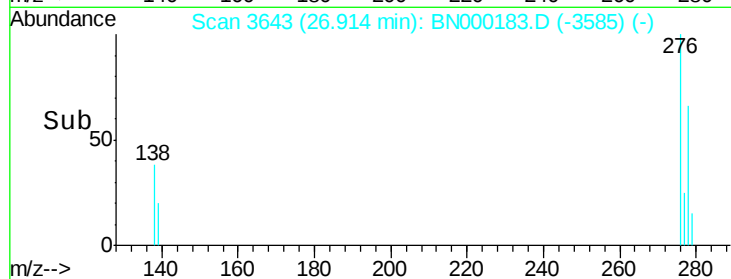
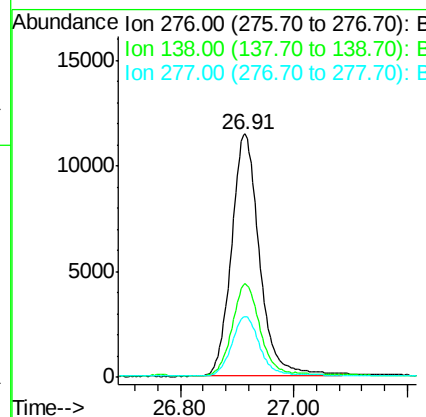
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	276	Resp:	39842
Ion Ratio	Lower	Upper	
276	100		
138	38.7	22.5	33.7#
277	24.6	19.9	29.9



#34

Perylene-d12

Concen: 0.400 ng

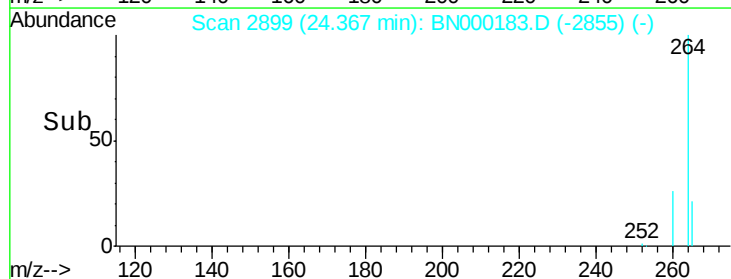
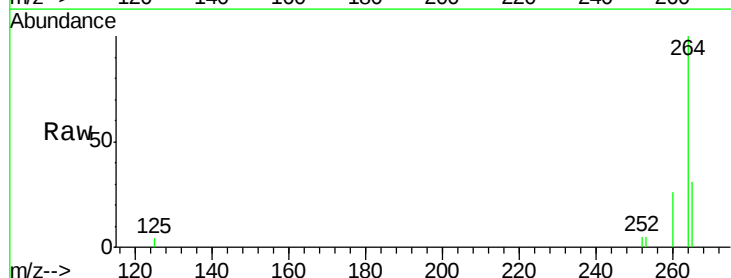
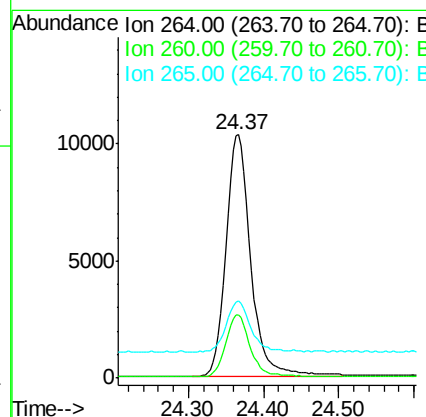
RT: 24.37 min Scan# 2899

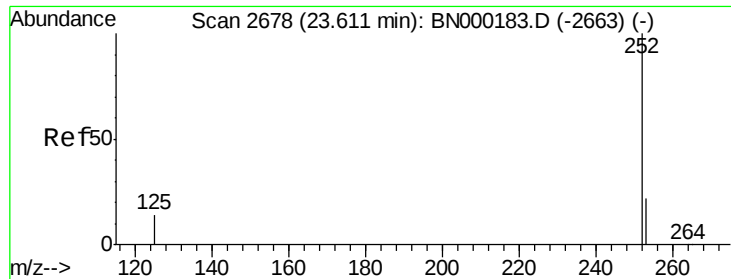
Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Tgt Ion:	264	Resp:	23589
Ion Ratio	Lower	Upper	
264	100		
260	25.8	20.5	30.7
265	31.5	22.8	34.2





#35

Benzo(b)fluoranthene

Concen: 0.393 ng

RT: 23.61 min Scan# 2678

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

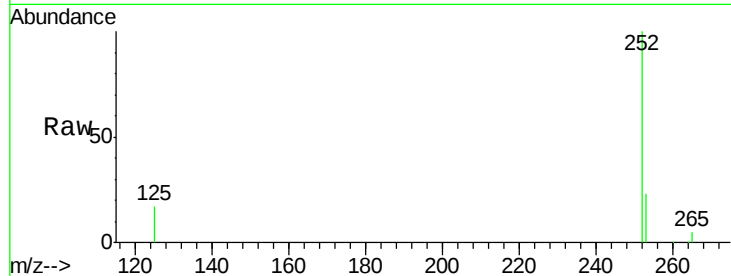
Tgt Ion:252 Resp: 42364

Ion Ratio Lower Upper

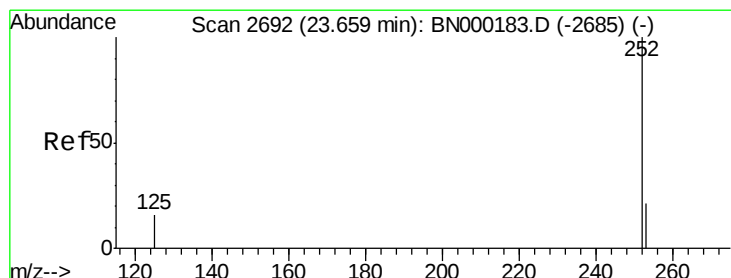
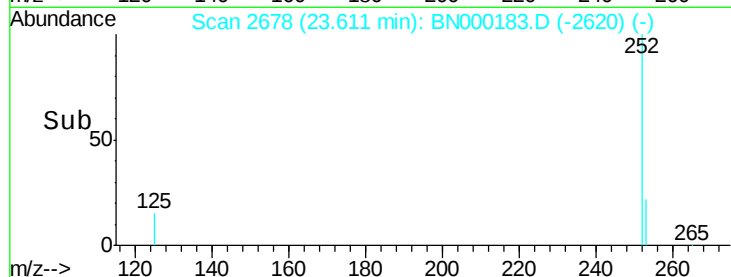
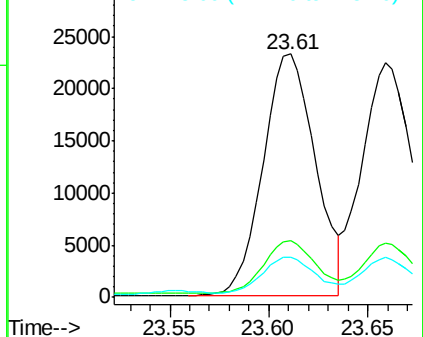
252 100

253 23.1 20.0 30.0

125 16.6 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: 0.402 ng

RT: 23.66 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

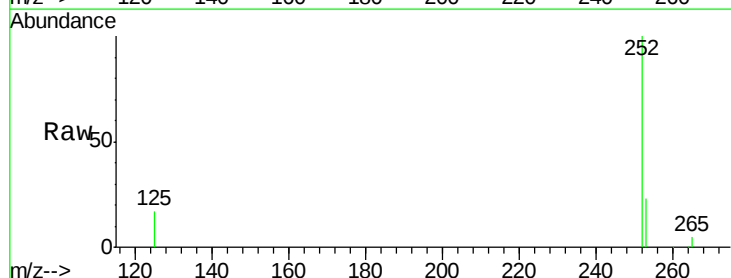
Tgt Ion:252 Resp: 42396

Ion Ratio Lower Upper

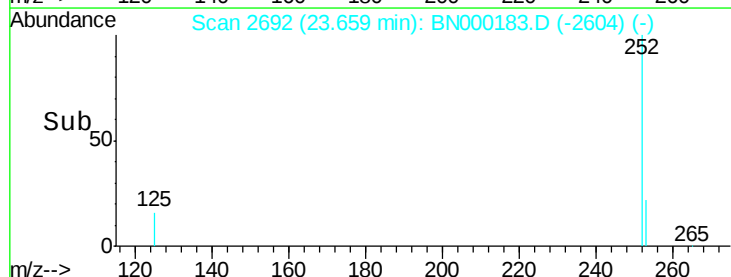
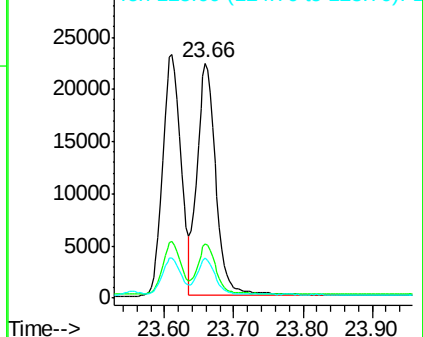
252 100

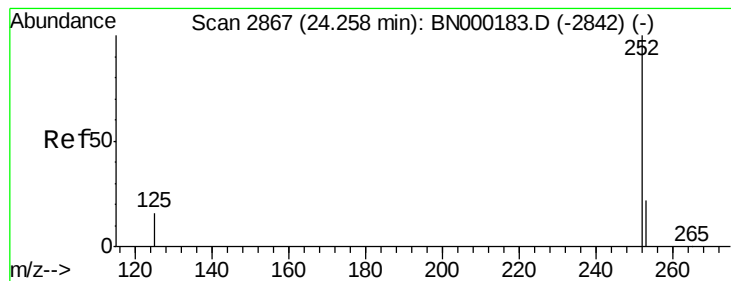
253 22.9 16.0 24.0

125 16.8 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: 0.393 ng

RT: 24.26 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :

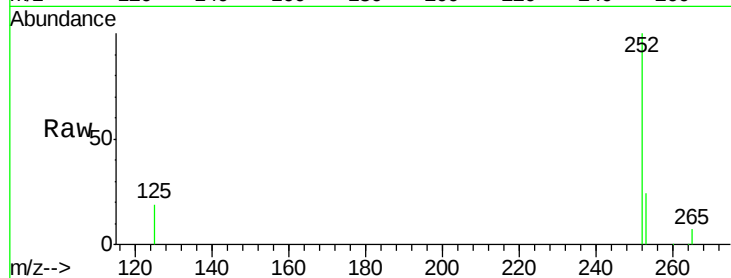
Tgt Ion:252 Resp: 34494

Ion Ratio Lower Upper

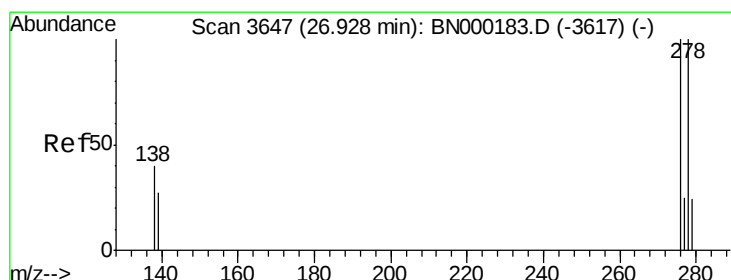
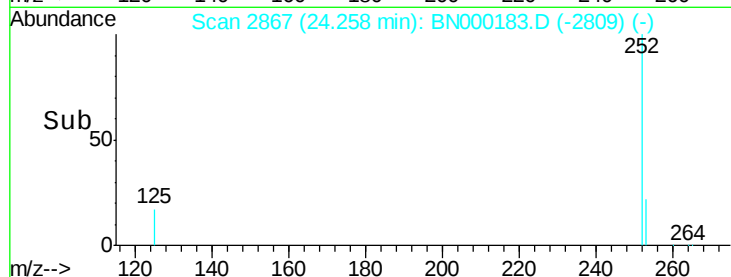
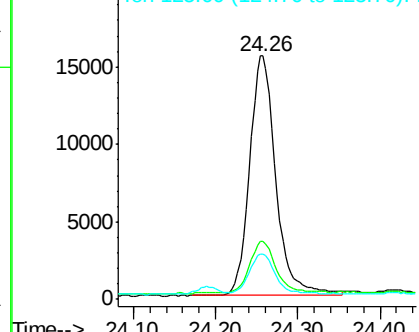
252 100

253 24.0 16.0 24.0

125 18.6 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: 0.393 ng

RT: 26.93 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

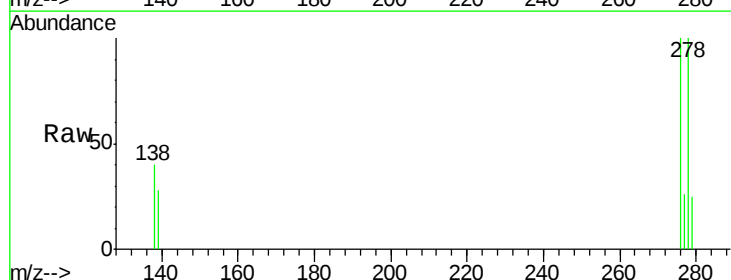
Tgt Ion:278 Resp: 30718

Ion Ratio Lower Upper

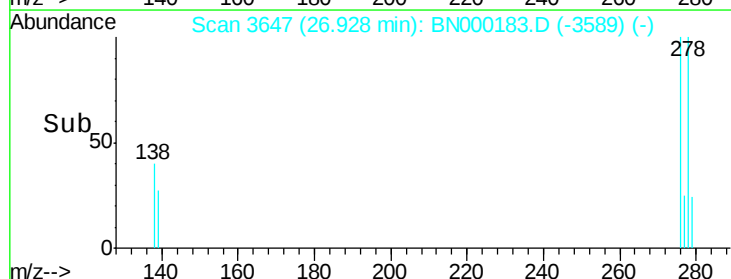
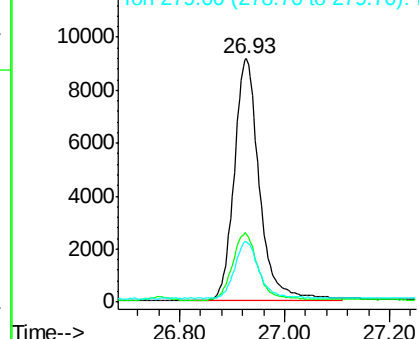
278 100

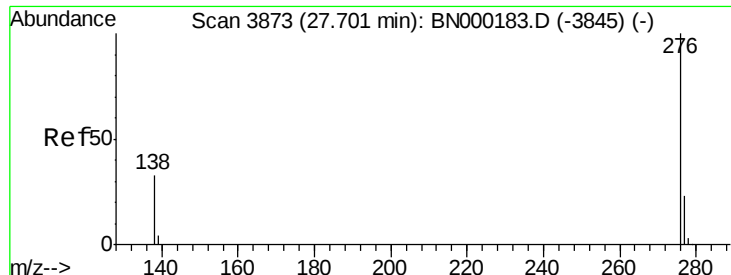
139 27.8 16.0 24.0#

279 25.0 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: 0.402 ng

RT: 27.70 min Scan# 3873

Delta R.T. 0.00 min

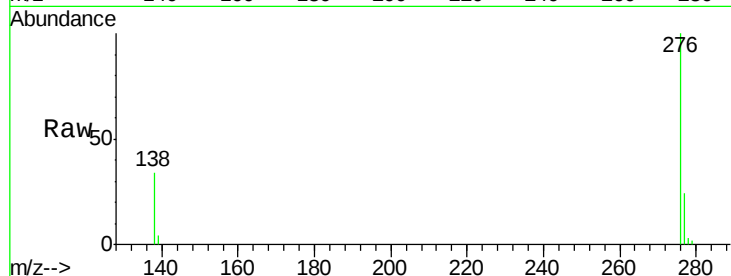
Lab File: BN000183.D

Acq: 27 Feb 2018 10:25

Instrument :

BNA_N

ClientSampleId :



Tgt Ion: 276 Resp: 37068

Ion Ratio Lower Upper

276 100

277 23.5 16.0 24.0

138 33.7 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

