

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN073018\
 Data File : BN002186.D
 Acq On : 30 Jul 2018 14:32
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jul 30 15:13:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 14:09:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3155	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	13196	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	7405	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	14323	0.40	ng	0.00
27) Chrysene-d12	21.27	240	12690	0.40	ng	0.00
34) Perylene-d12	23.50	264	10591	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	24558	3.69	ng	0.00
5) Phenol-d6	6.87	99	31544	3.73	ng	0.00
8) Nitrobenzene-d5	8.83	82	33420	4.27	ng	-0.01
11) 2-Methylnaphthalene-d10	12.06	152	62227	3.13	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	11449	4.87	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	89835	2.56	ng	0.00
25) Fluoranthene-d10	19.10	212	110082	2.88	ng	0.00
29) Terphenyl-d14	19.71	244	83787	3.76	ng	0.00

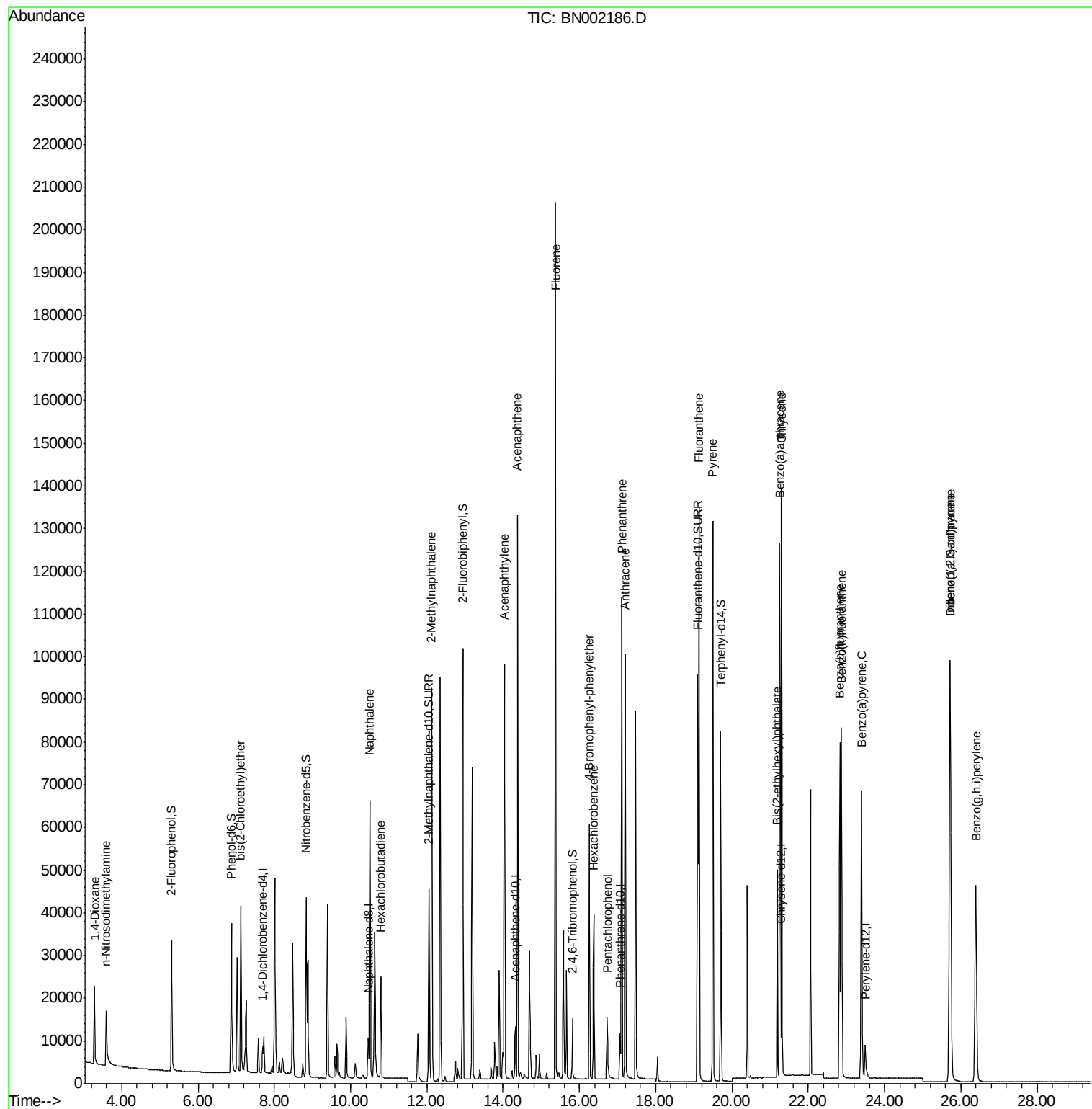
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	10649	3.258	ng	98
3) n-Nitrosodimethylamine	3.59	42	10165	4.572	ng	# 95
6) bis(2-Chloroethyl)ether	7.12	93	29586	2.751	ng	90
9) Naphthalene	10.50	128	94102	2.440	ng	97
10) Hexachlorobutadiene	10.80	225	19814	3.027	ng	# 55
12) 2-Methylnaphthalene	12.13	142	66099	2.616	ng	97
16) Acenaphthylene	14.03	152	108263	3.102	ng	100
17) Acenaphthene	14.38	154	66452	2.415	ng	98
18) Fluorene	15.37	166	80530	2.346	ng	# 80
20) 4-Bromophenyl-phenylether	16.26	248	28813	3.492	ng	# 84
21) Hexachlorobenzene	16.38	284	29685	2.689	ng	96
22) Pentachlorophenol	16.73	266	8708	2.953	ng	98
23) Phenanthrene	17.11	178	118801	2.357	ng	99
24) Anthracene	17.20	178	109201	2.857	ng	96
26) Fluoranthene	19.13	202	124138	2.375	ng	97
28) Pyrene	19.50	202	121097	2.431	ng	100
30) Benzo(a)anthracene	21.25	228	106849	2.673	ng	96
31) Chrysene	21.30	228	109236	2.338	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	46965	3.157	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.71	276	116534	2.672	ng	94
35) Benzo(b)fluoranthene	22.83	252	101519	2.100	ng	# 86
36) Benzo(k)fluoranthene	22.87	252	103825	2.195	ng	97
37) Benzo(a)pyrene	23.40	252	93757	2.380	ng	# 93
38) Dibenzo(a,h)anthracene	25.73	278	97405	2.777	ng	# 93
39) Benzo(g,h,i)perylene	26.40	276	96905	2.341	ng	# 90

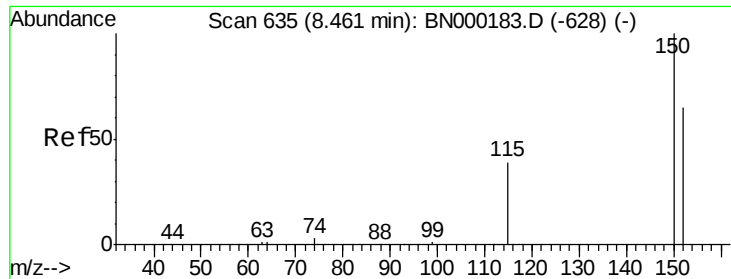
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 30 14:09:58 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

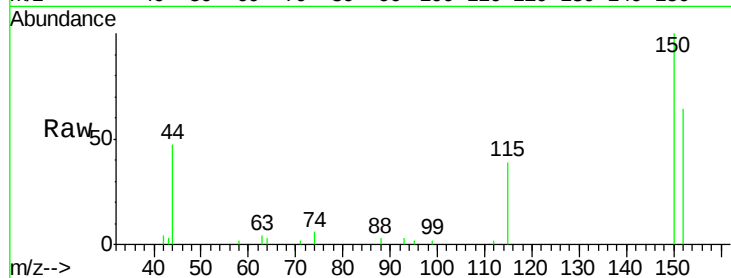
Tgt Ion:152 Resp: 3155

Ion Ratio Lower Upper

152 100

150 156.7 117.2 175.8

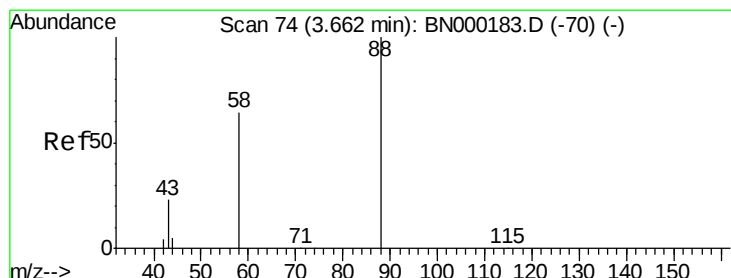
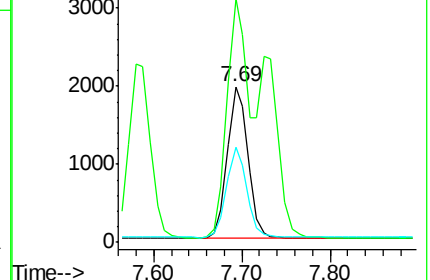
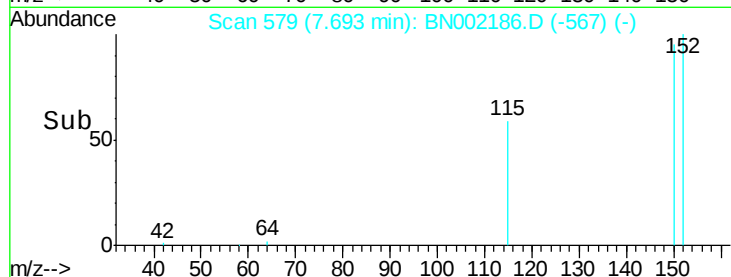
115 60.9 57.0 85.6



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: 3.258 ng

RT: 3.29 min Scan# 32

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

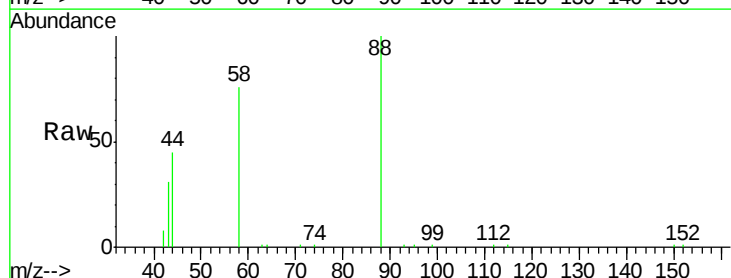
Tgt Ion: 88 Resp: 10649

Ion Ratio Lower Upper

88 100

58 87.0 72.0 108.0

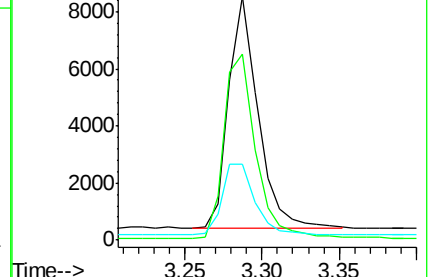
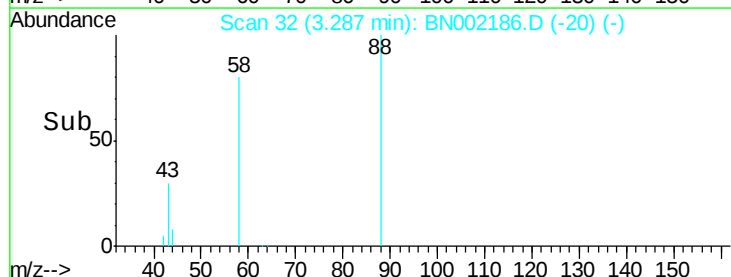
43 34.9 28.0 42.0

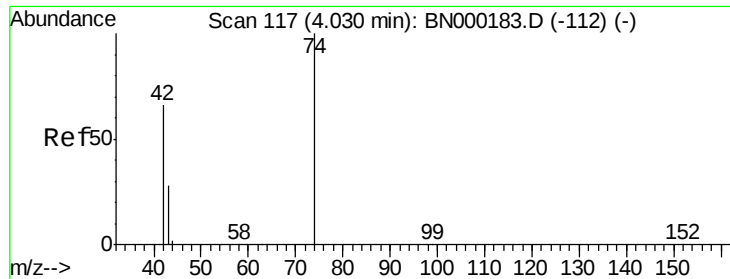


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 4.572 ng

RT: 3.59 min Scan# 70

Delta R.T. -0.02 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

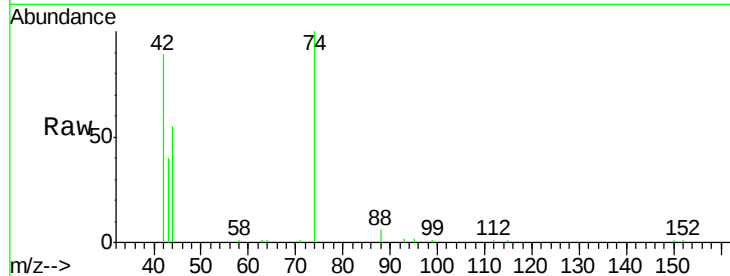
Tgt Ion: 42 Resp: 10165

Ion Ratio Lower Upper

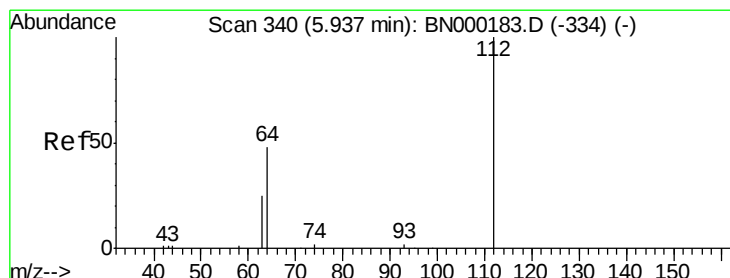
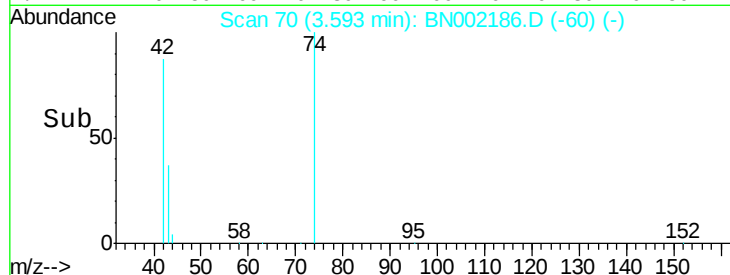
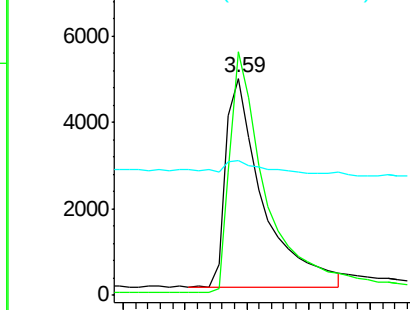
42 100

74 111.3 88.0 132.0

44 6.9 16.0 24.0#



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: 3.687 ng

RT: 5.31 min Scan# 283

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

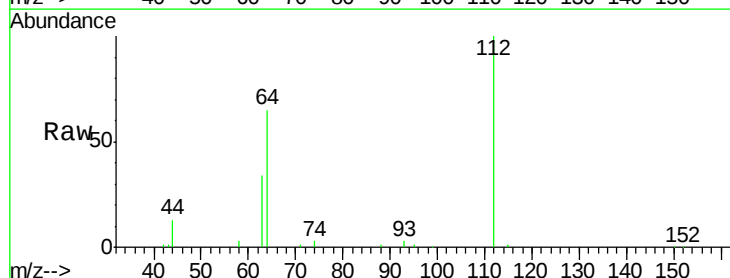
Tgt Ion: 112 Resp: 24558

Ion Ratio Lower Upper

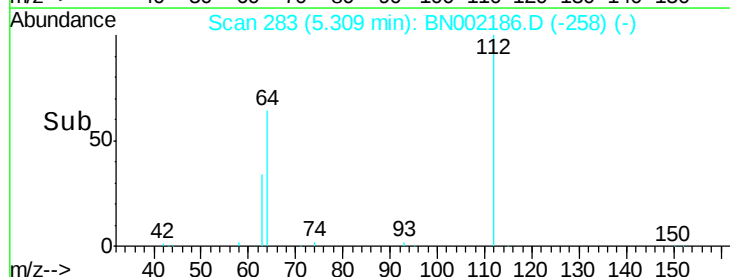
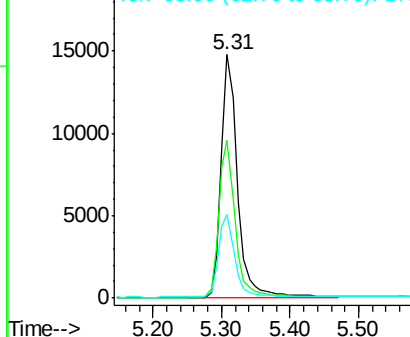
112 100

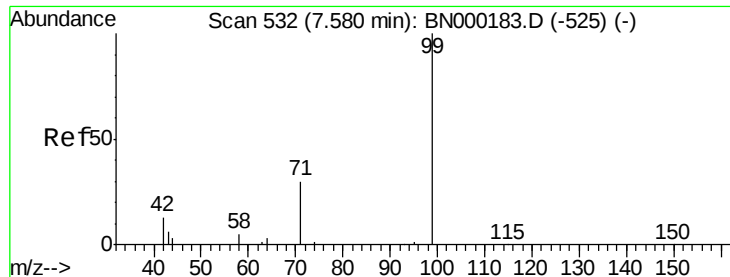
64 64.6 60.1 90.1

63 34.4 116.8 175.2#



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: 3.727 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

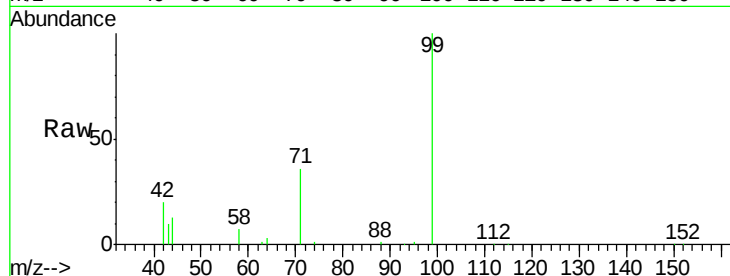
Tgt Ion: 99 Resp: 31544

Ion Ratio Lower Upper

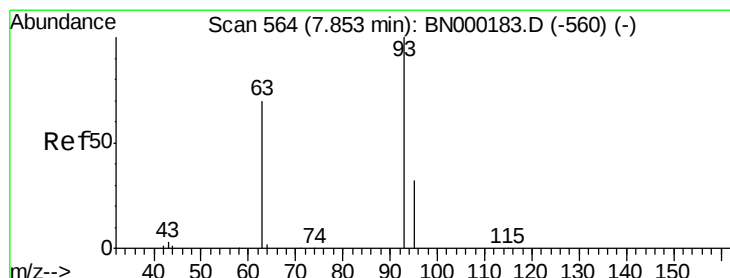
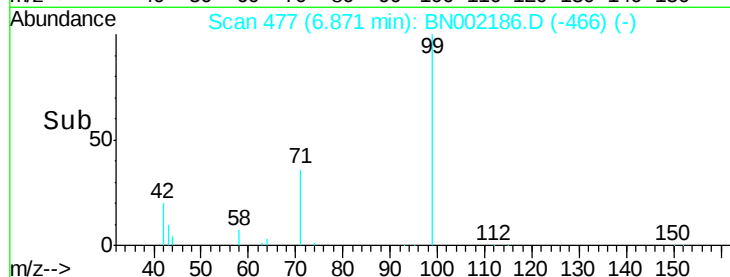
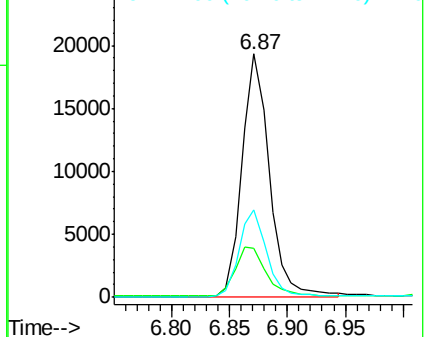
99 100

42 22.8 20.2 30.2

71 36.1 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: 2.751 ng

RT: 7.12 min Scan# 508

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

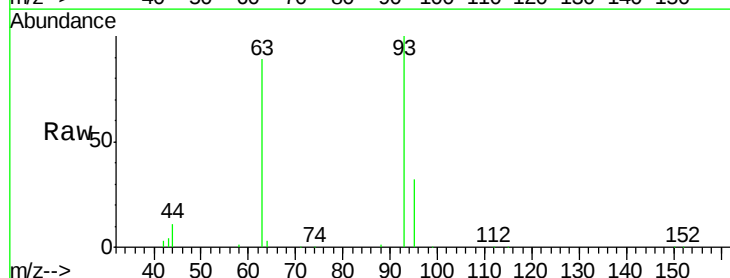
Tgt Ion: 93 Resp: 29586

Ion Ratio Lower Upper

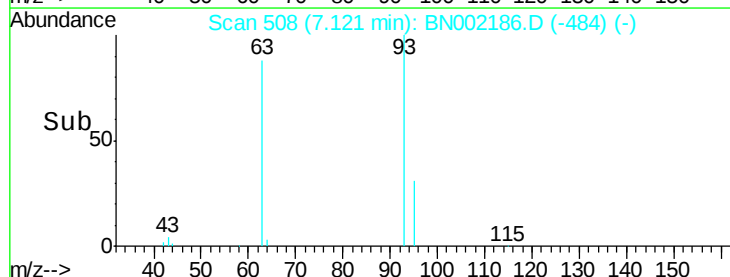
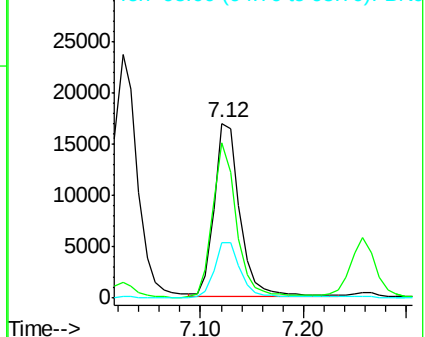
93 100

63 82.2 56.0 84.0

95 31.6 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: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 13196

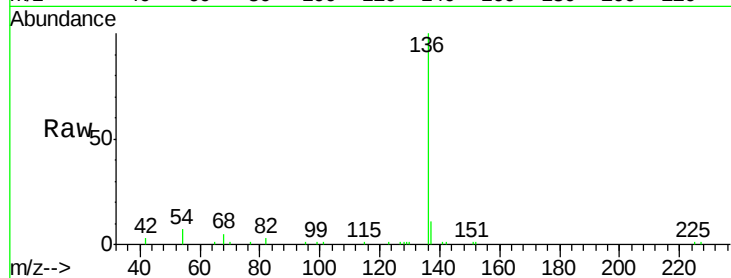
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 6.7 29.1 43.7#

68 4.6 6.2 9.2#

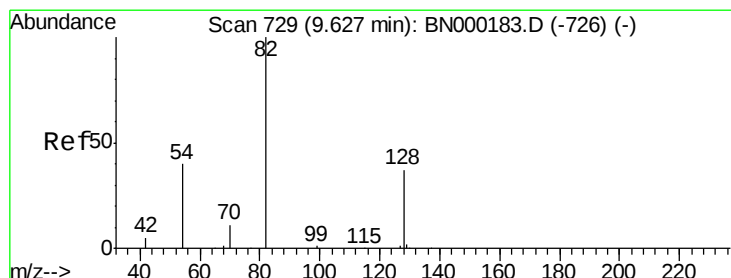
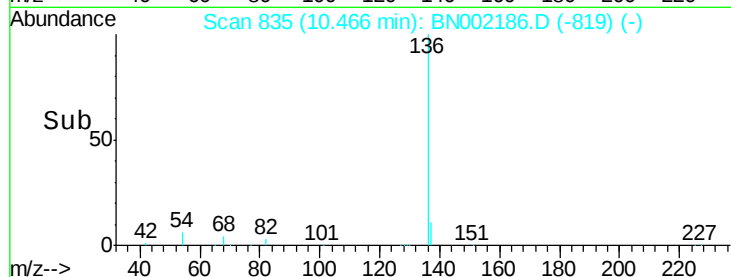
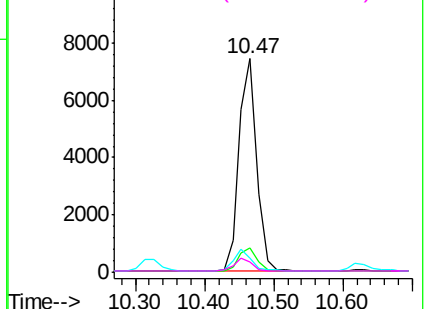


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.270 ng

RT: 8.83 min Scan# 706

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

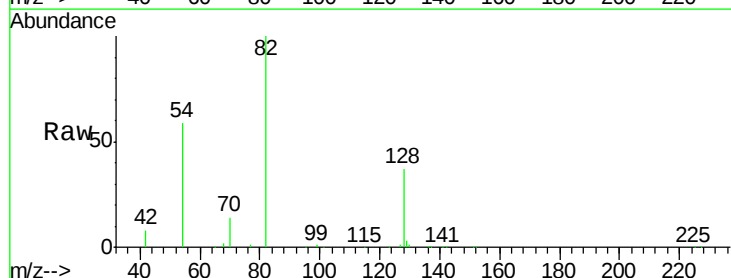
Tgt Ion: 82 Resp: 33420

Ion Ratio Lower Upper

82 100

128 36.6 150.0 225.0#

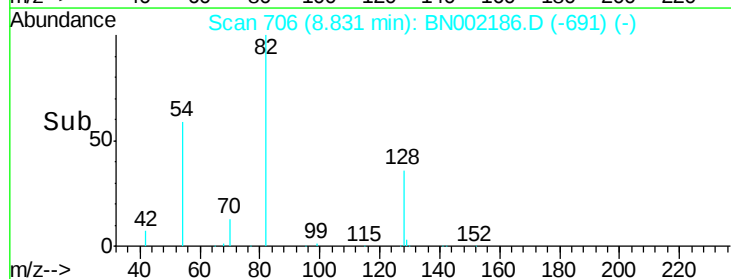
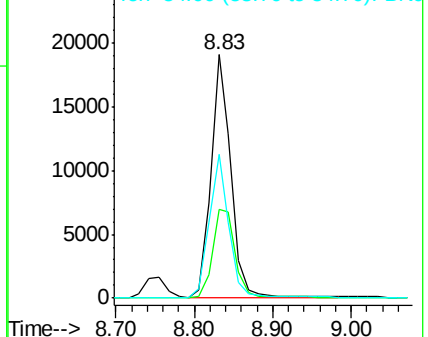
54 59.2 154.2 231.4#

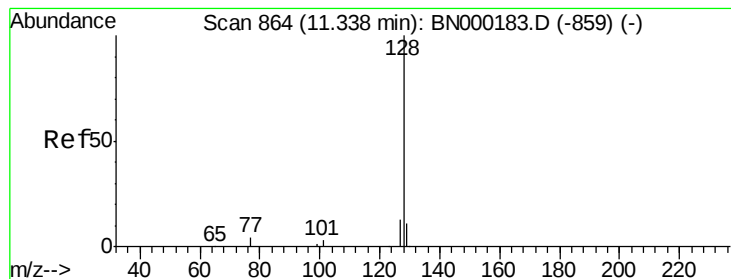


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 2.440 ng

RT: 10.50 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

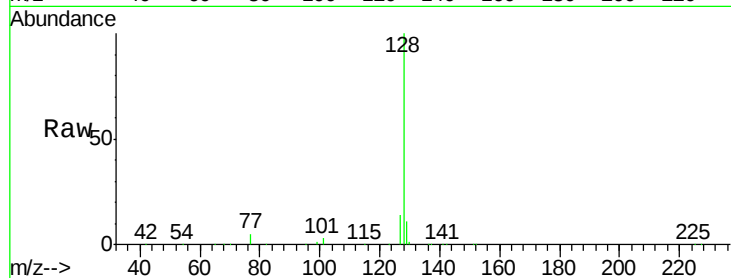
Tgt Ion:128 Resp: 94102

Ion Ratio Lower Upper

128 100

129 11.0 8.0 12.0

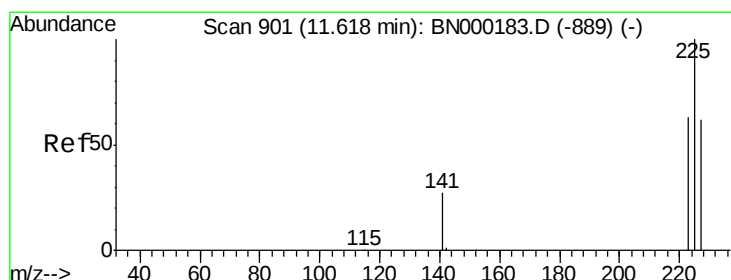
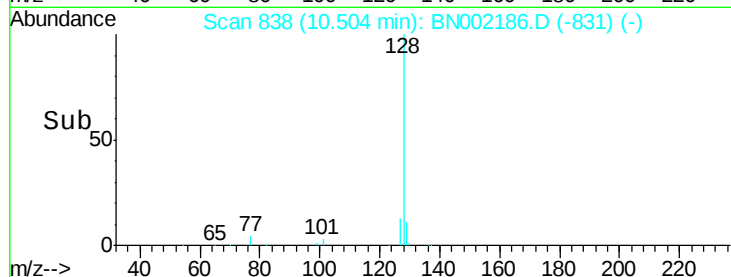
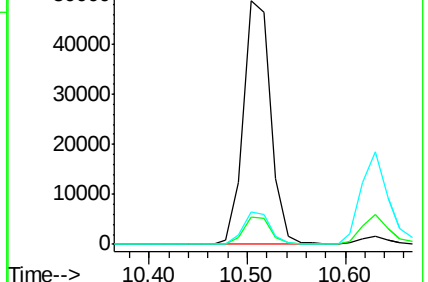
127 13.5 9.6 14.4



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: 3.027 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

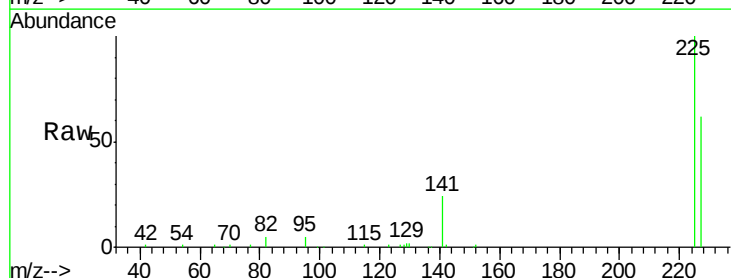
Tgt Ion:225 Resp: 19814

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

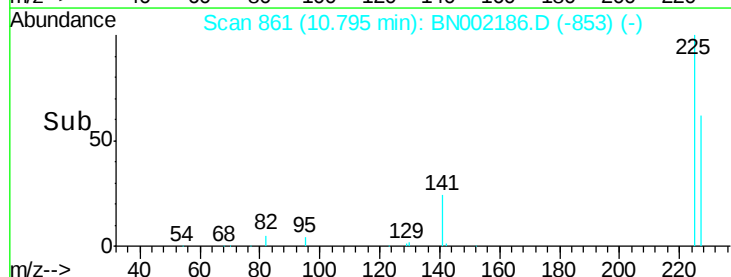
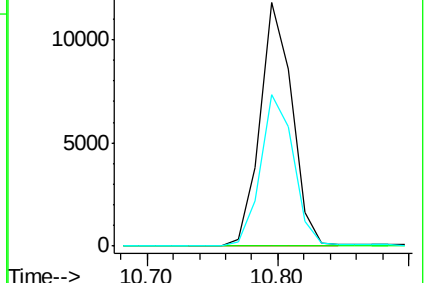
227 63.5 48.0 72.0

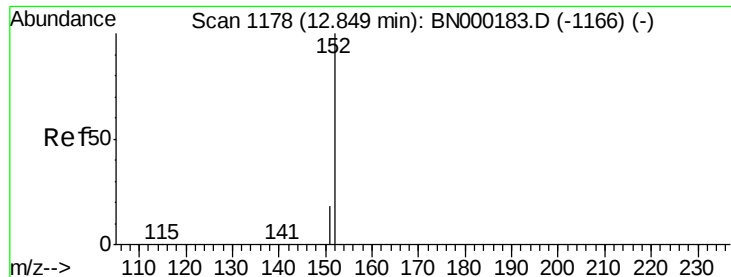


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

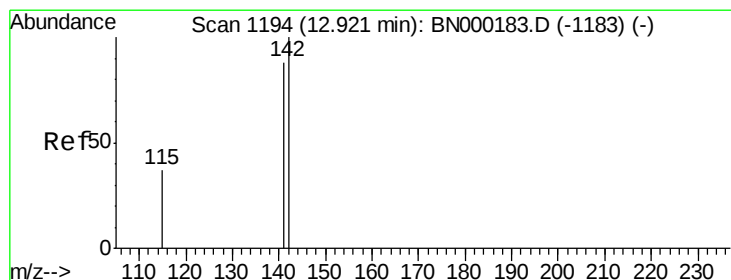
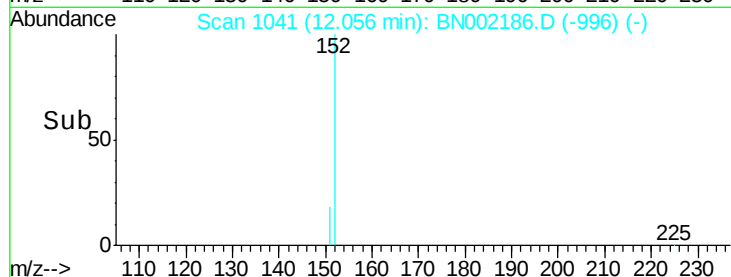
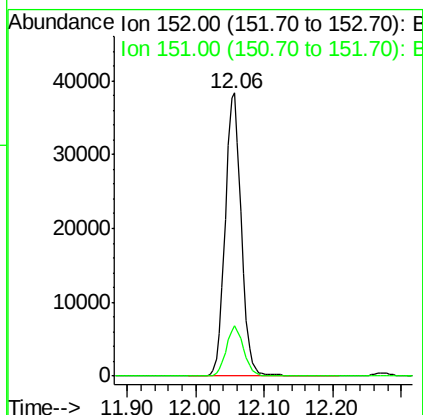
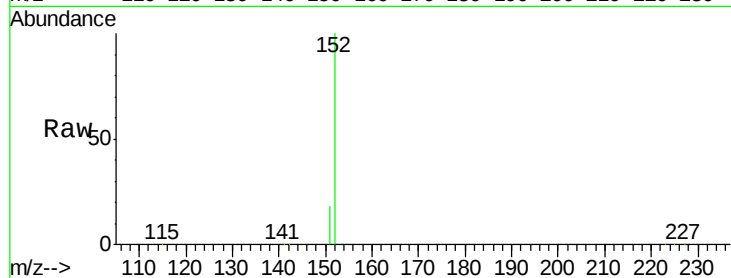




#11
 2-Methylnaphthalene-d10
 Concen: 3.132 ng
 RT: 12.06 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BN002186.D
 Acq: 30 Jul 2018 14:32

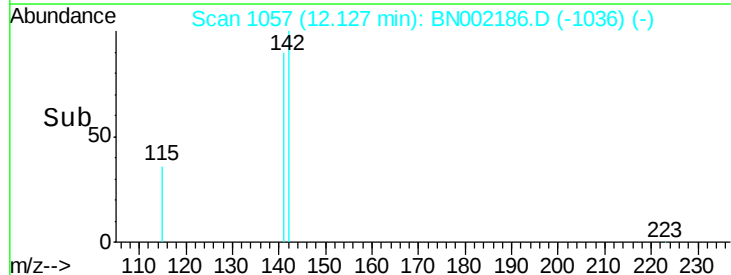
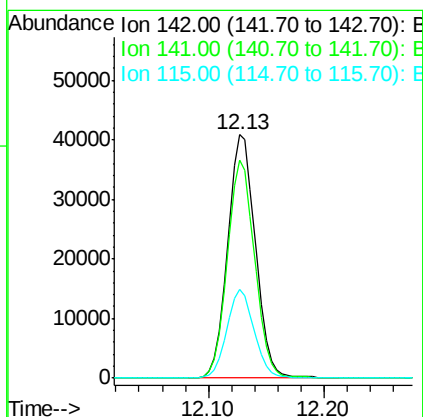
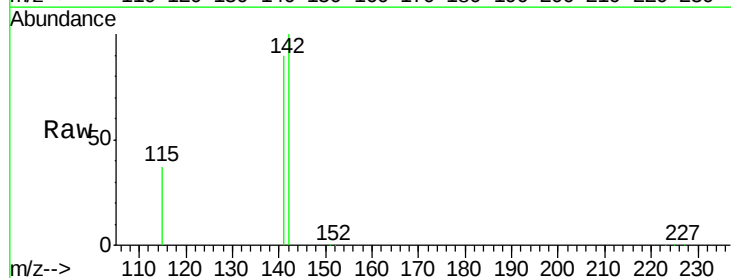
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

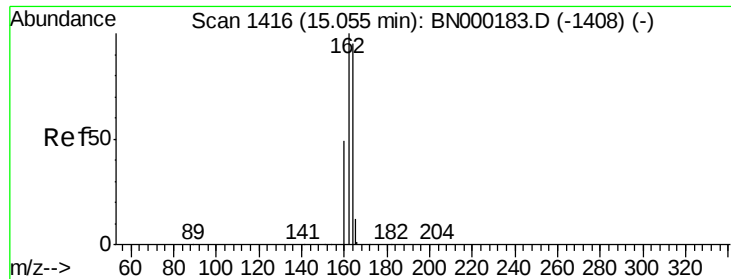
Tgt Ion:152 Resp: 62227
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 2.616 ng
 RT: 12.13 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BN002186.D
 Acq: 30 Jul 2018 14:32

Tgt Ion:142 Resp: 66099
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.4 105.6
 115 36.6 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

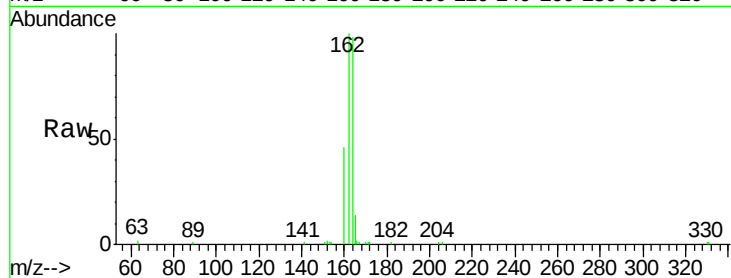
Tgt Ion:164 Resp: 7405

Ion Ratio Lower Upper

164 100

162 101.7 83.1 124.7

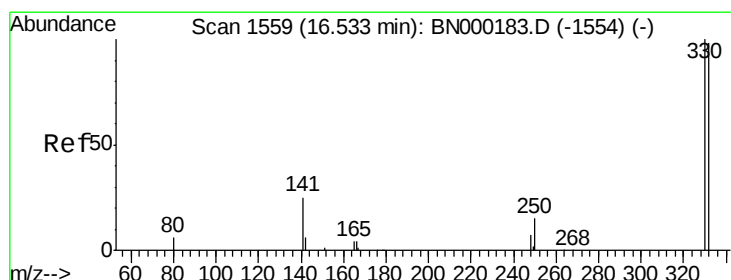
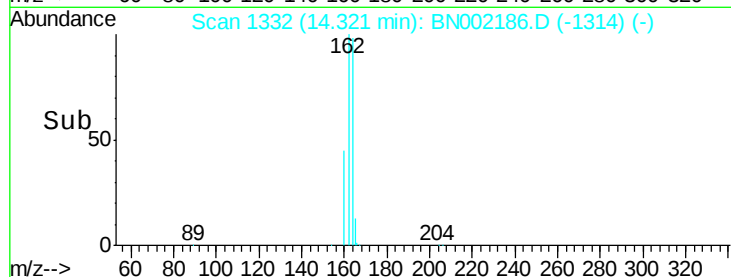
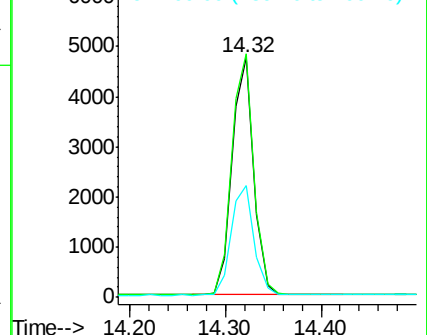
160 46.4 37.1 55.7



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: 4.870 ng

RT: 15.81 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

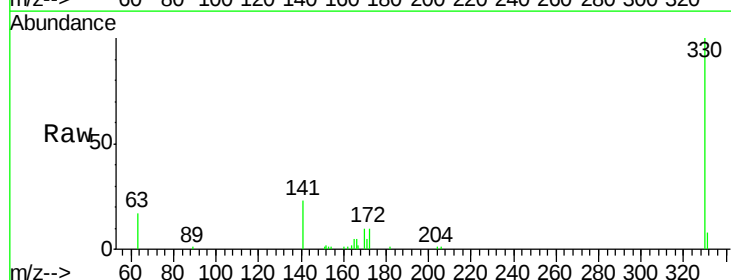
Tgt Ion:330 Resp: 11449

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

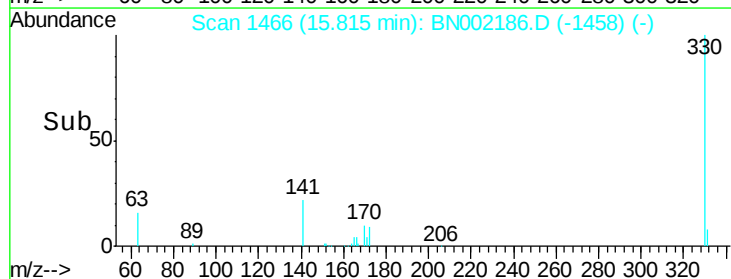
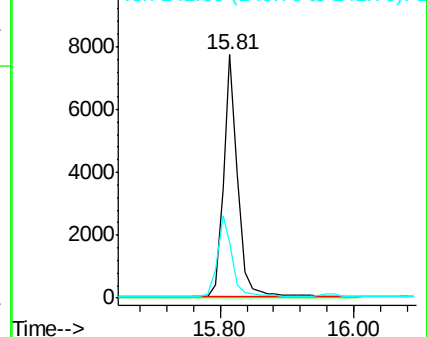
141 34.5 33.7 50.5

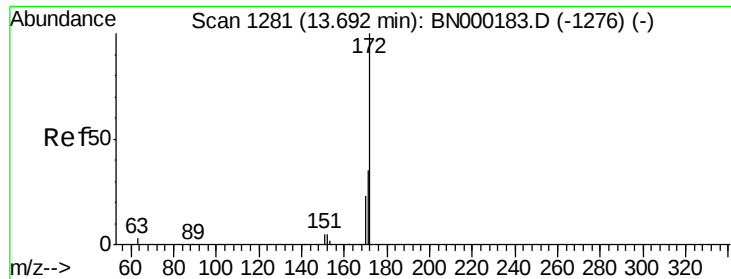


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 2.559 ng

RT: 12.94 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

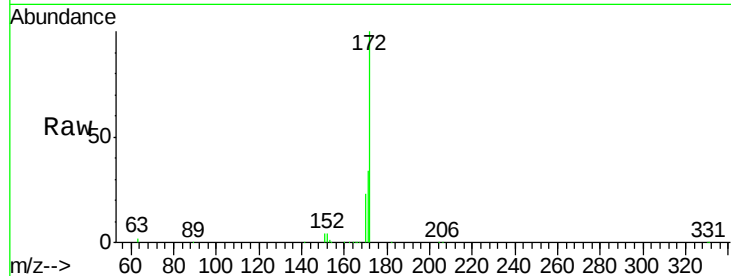
Instrument :

BNA_N

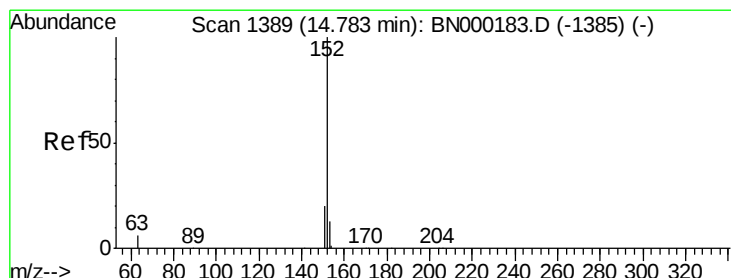
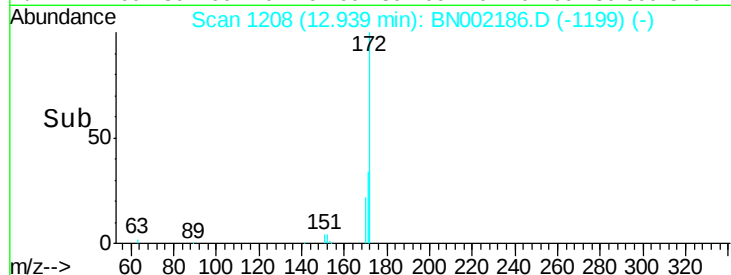
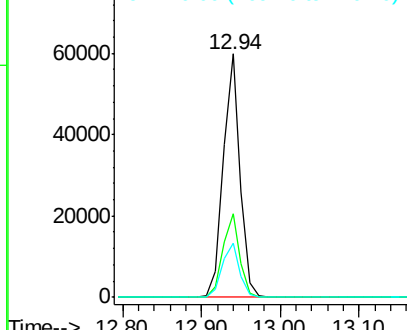
ClientSampleId :

SSTDICC3.2

Tgt Ion:	172	Resp:	89835
Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	22.5	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: 3.102 ng

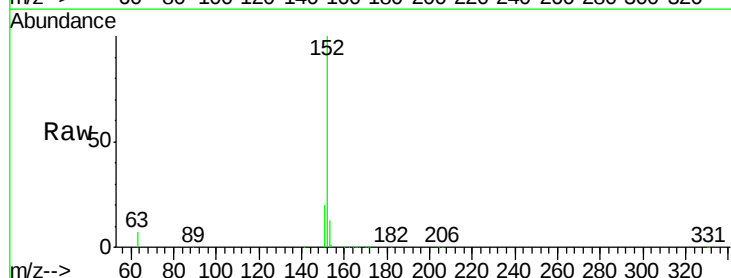
RT: 14.03 min Scan# 1306

Delta R.T. -0.00 min

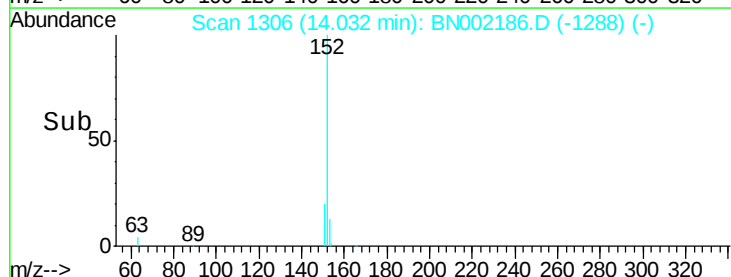
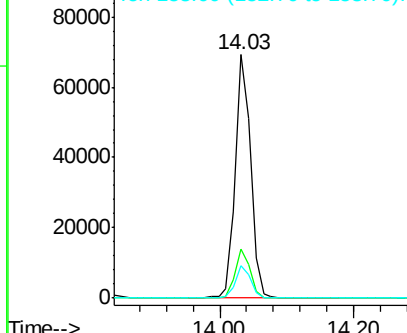
Lab File: BN002186.D

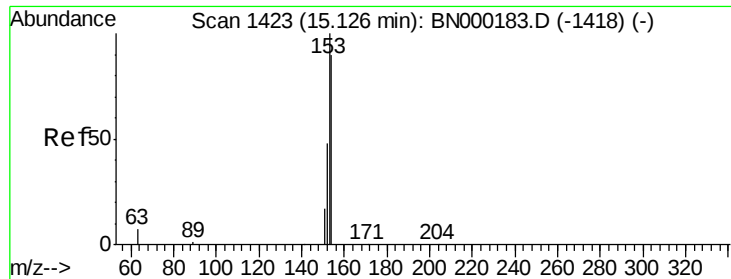
Acq: 30 Jul 2018 14:32

Tgt Ion:	152	Resp:	108263
Ion	Ratio	Lower	Upper
152	100		
151	19.5	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: 2.415 ng

RT: 14.38 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

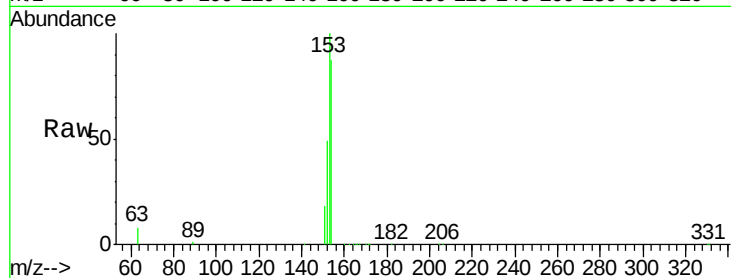
Tgt Ion:154 Resp: 66452

Ion Ratio Lower Upper

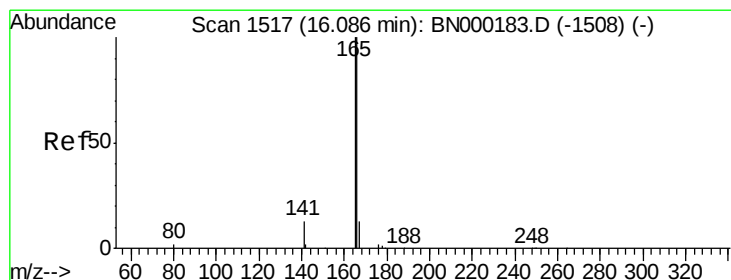
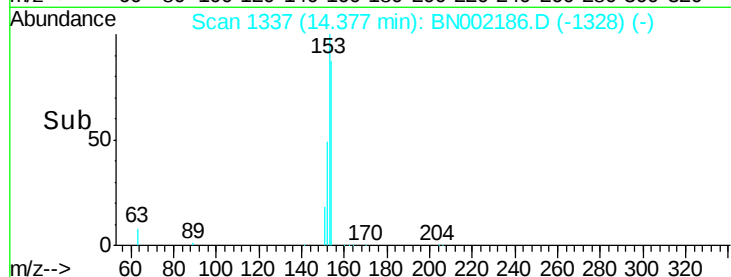
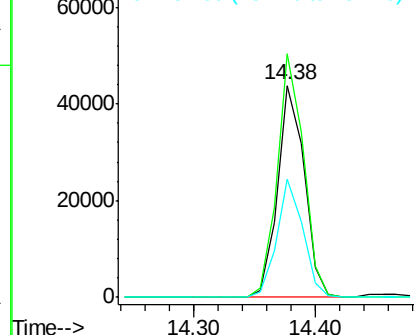
154 100

153 112.7 89.2 133.8

152 54.5 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: 2.346 ng

RT: 15.37 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

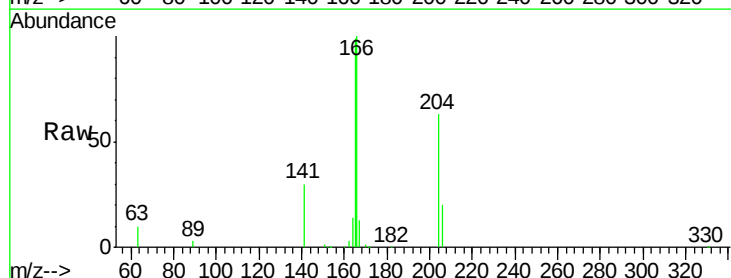
Tgt Ion:166 Resp: 80530

Ion Ratio Lower Upper

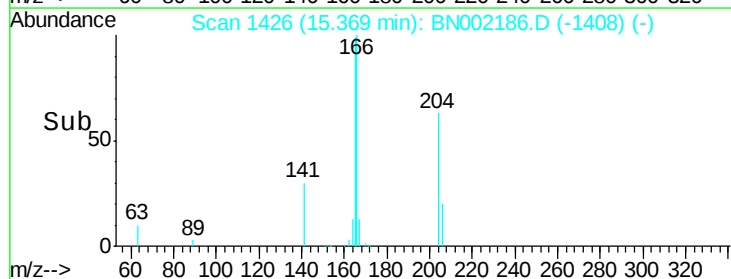
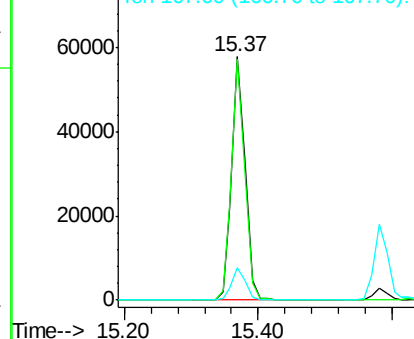
166 100

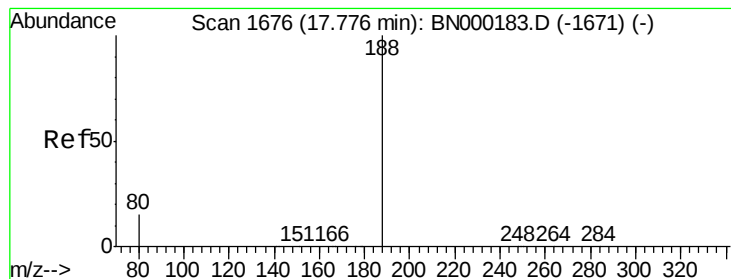
165 97.7 77.8 116.6

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: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

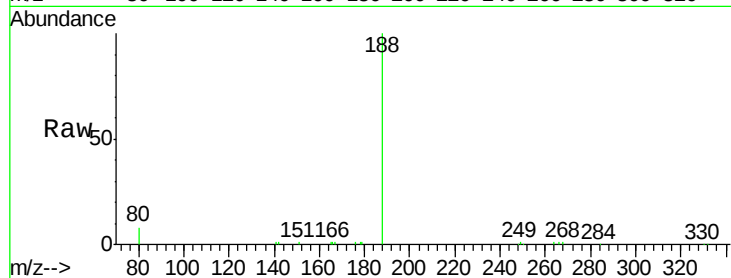
Tgt Ion:188 Resp: 14323

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

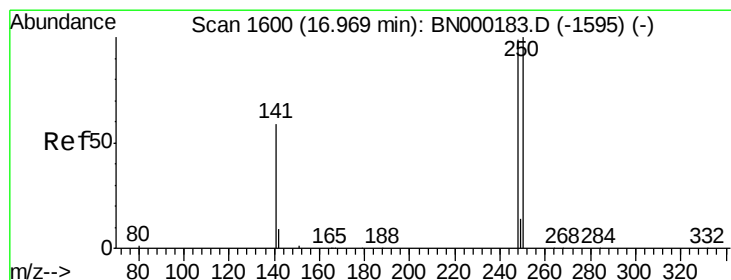
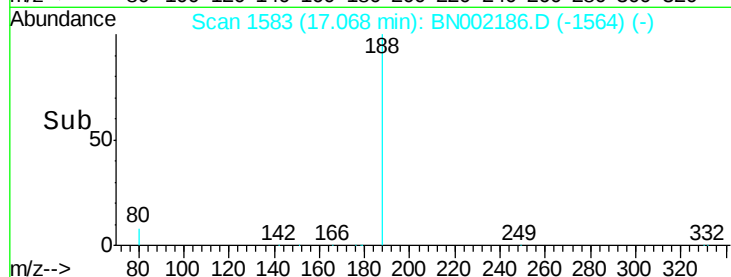
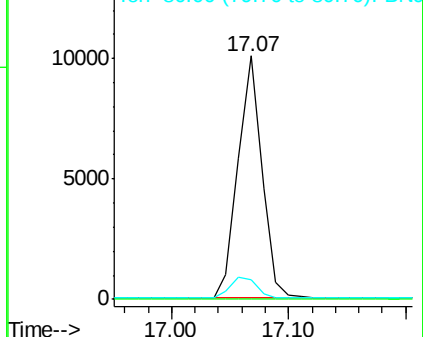
80 8.2 3.6 5.4#



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: 3.492 ng

RT: 16.26 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

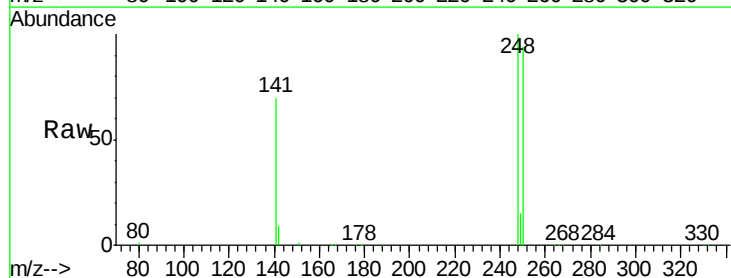
Tgt Ion:248 Resp: 28813

Ion Ratio Lower Upper

248 100

250 94.1 62.7 94.1#

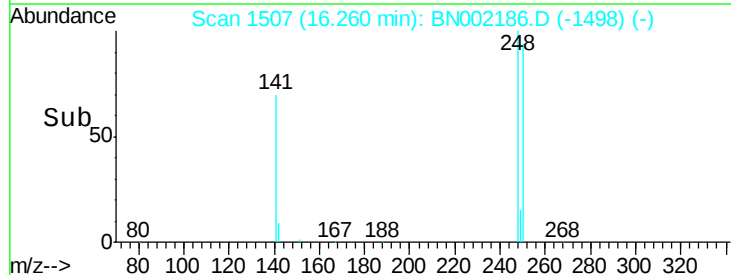
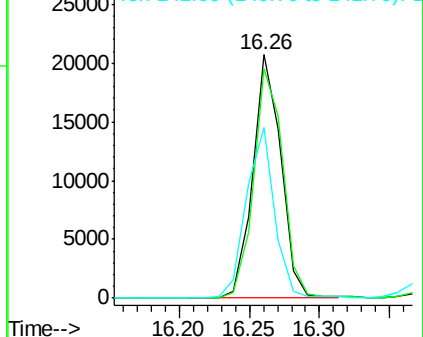
141 70.1 48.2 72.2

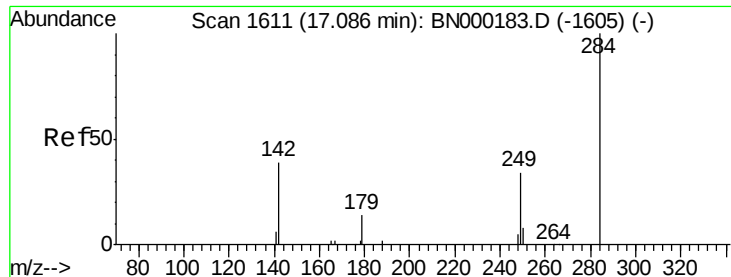


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.689 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampled :

SSTDICC3.2

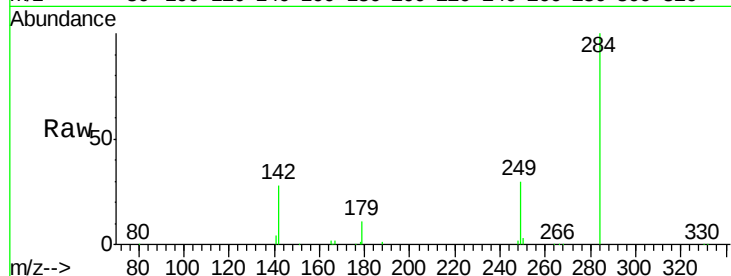
Tgt Ion:284 Resp: 29685

Ion Ratio Lower Upper

284 100

142 35.9 32.0 48.0

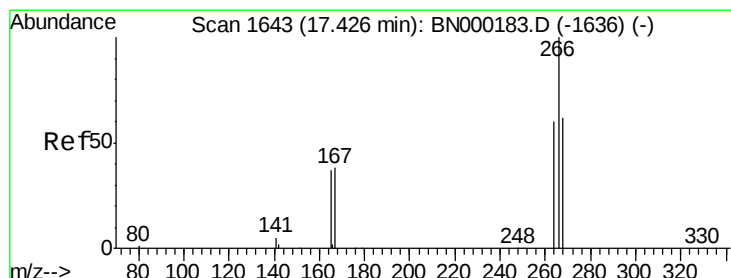
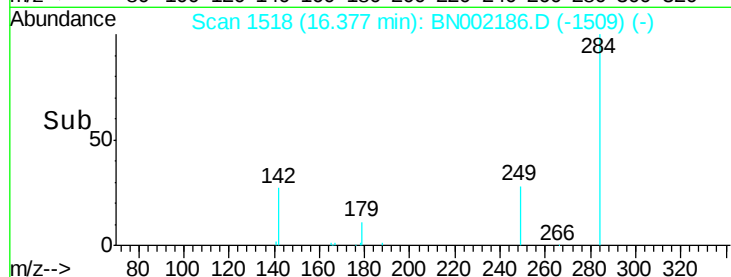
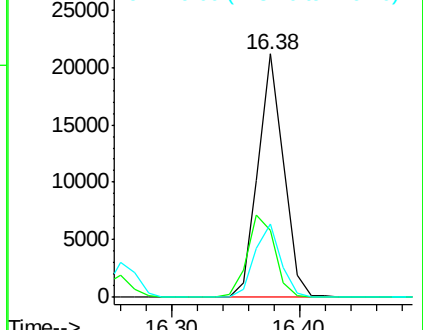
249 30.4 24.0 36.0



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: 2.953 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

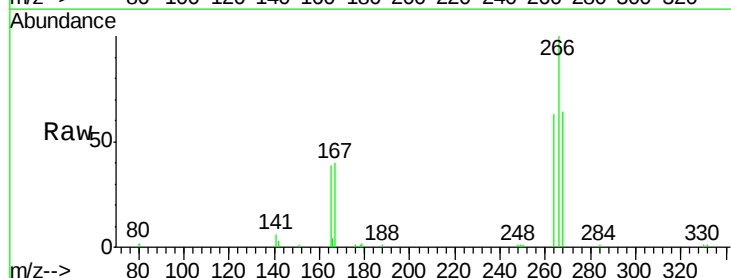
Tgt Ion:266 Resp: 8708

Ion Ratio Lower Upper

266 100

264 62.7 48.0 72.0

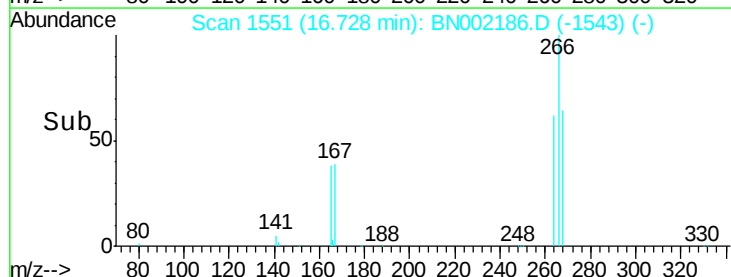
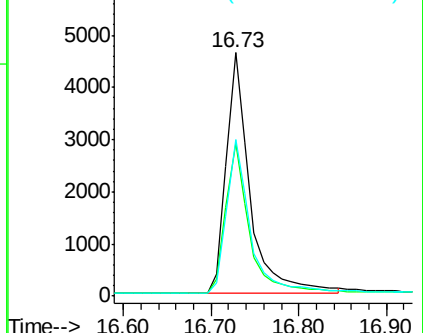
268 64.4 52.0 78.0

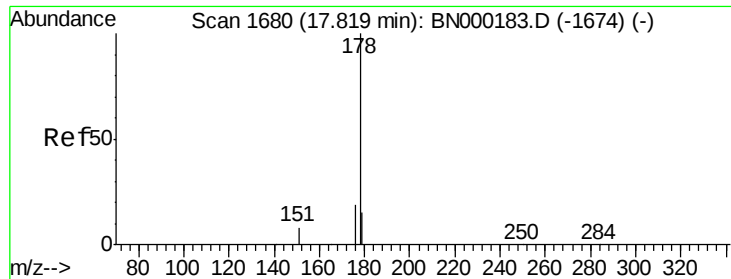


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.357 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

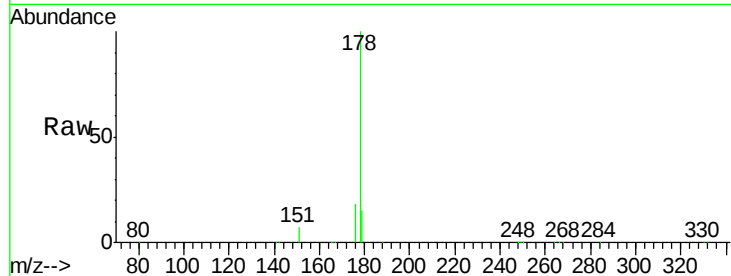
Tgt Ion:178 Resp: 118801

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

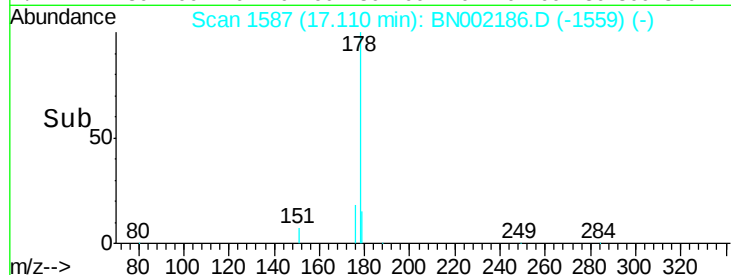
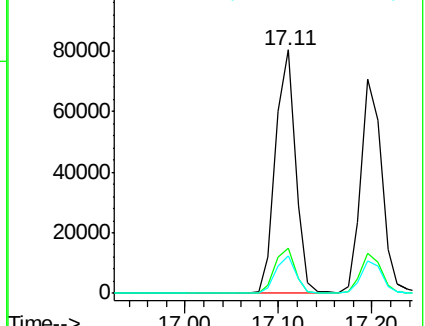
179 15.3 11.8 17.6



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: 2.857 ng

RT: 17.20 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

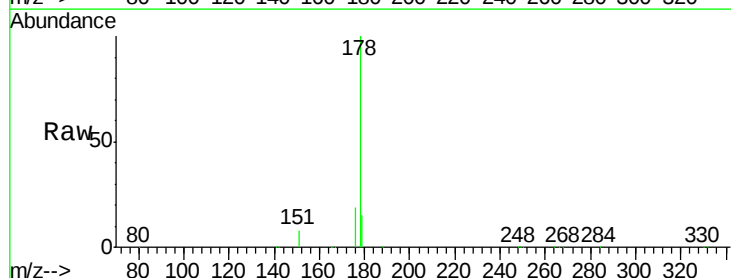
Tgt Ion:178 Resp: 109201

Ion Ratio Lower Upper

178 100

176 18.3 12.8 19.2

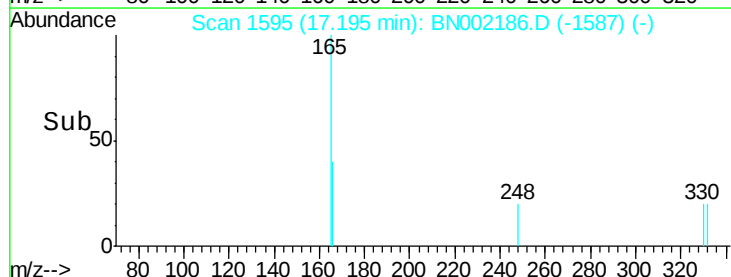
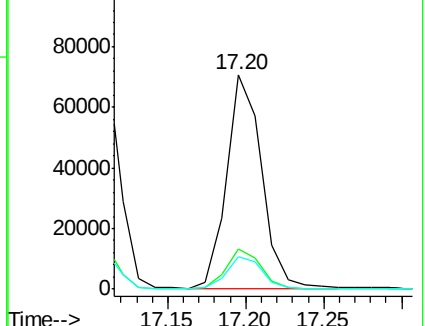
179 15.2 13.0 19.6

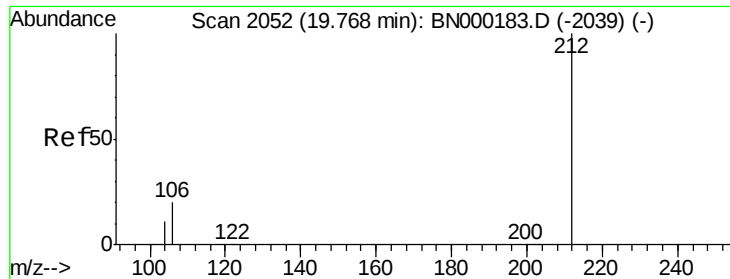


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 2.876 ng

RT: 19.10 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

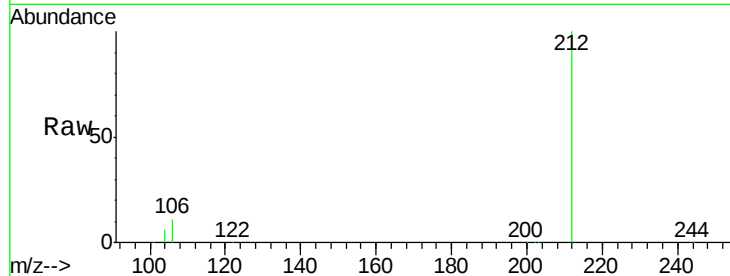
Tgt Ion:212 Resp: 110082

Ion Ratio Lower Upper

212 100

106 11.5 2.8 4.2#

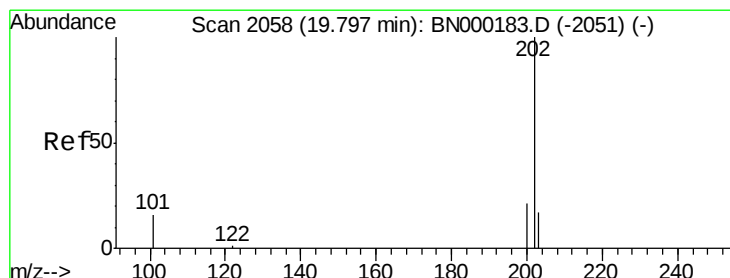
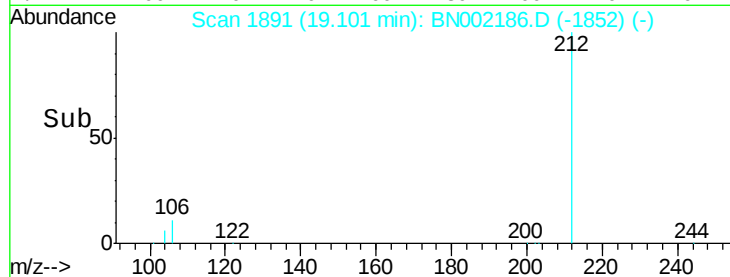
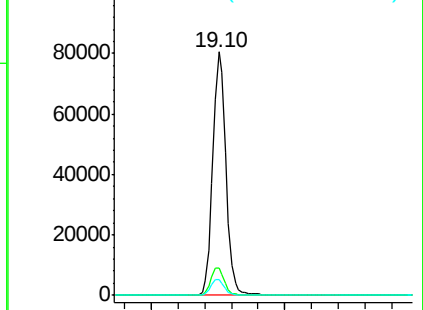
104 6.5 1.6 2.4#



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: 2.375 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

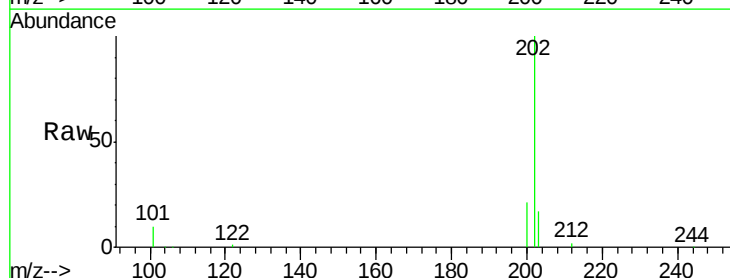
Tgt Ion:202 Resp: 124138

Ion Ratio Lower Upper

202 100

101 9.9 9.8 14.8

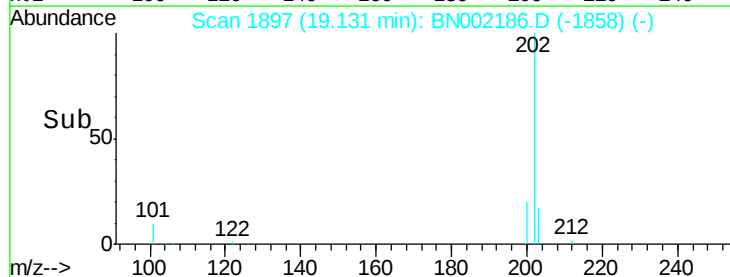
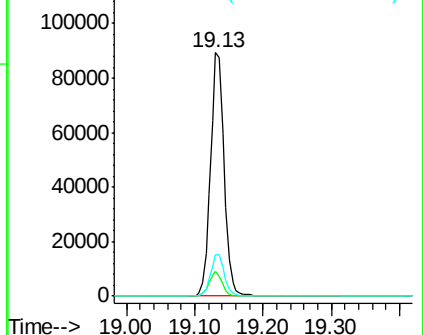
203 17.3 13.7 20.5

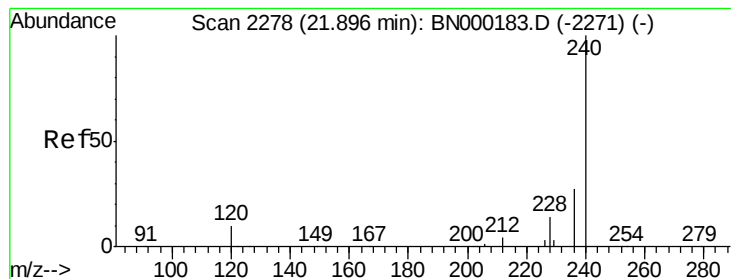


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.27 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

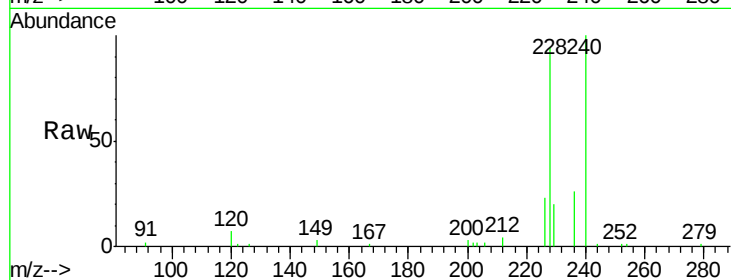
Tgt Ion:240 Resp: 12690

Ion Ratio Lower Upper

240 100

120 6.9 5.5 8.3

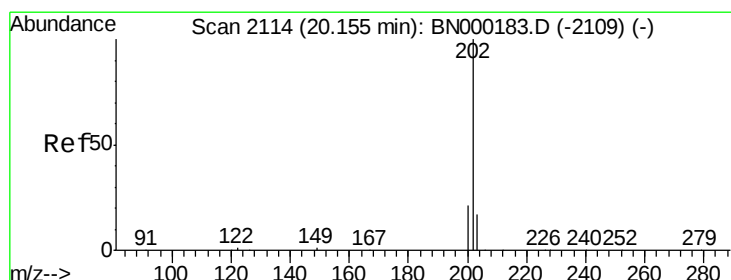
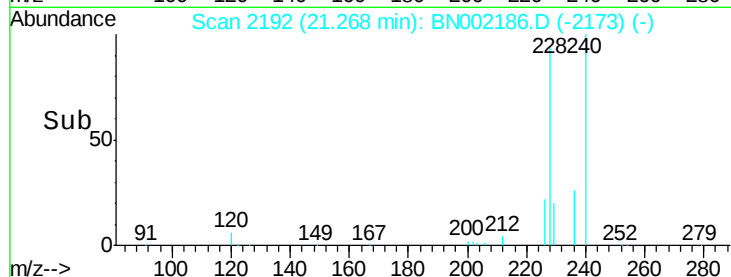
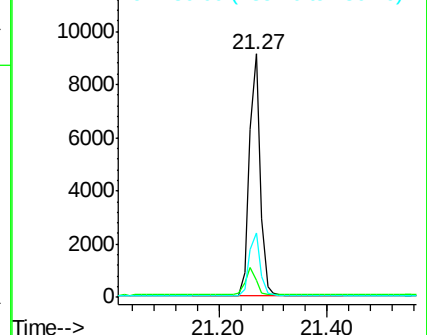
236 26.4 20.7 31.1



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: 2.431 ng

RT: 19.50 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

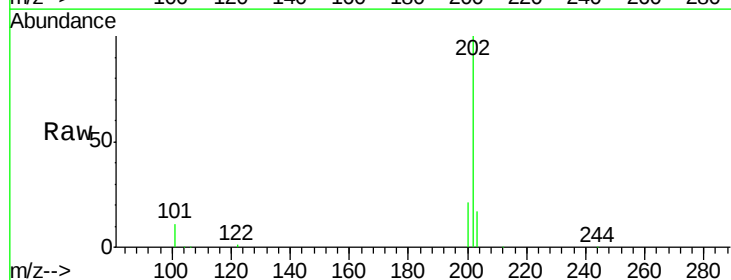
Tgt Ion:202 Resp: 121097

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

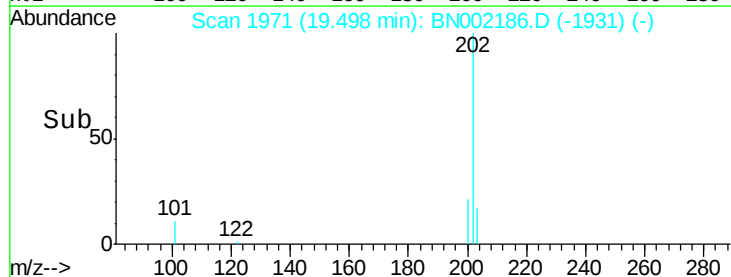
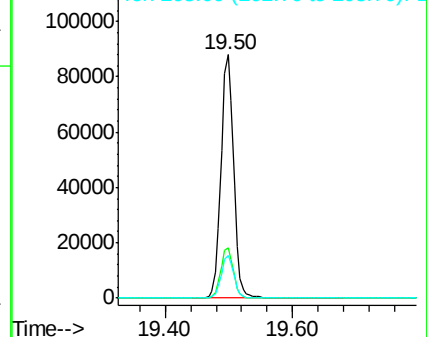
203 17.5 13.8 20.8



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: 3.759 ng

RT: 19.71 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

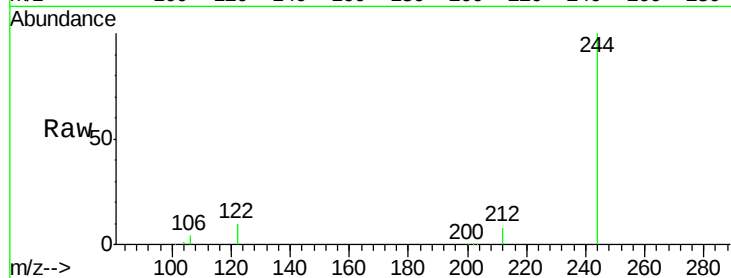
Tgt Ion:244 Resp: 83787

Ion Ratio Lower Upper

244 100

212 7.6 25.4 38.0#

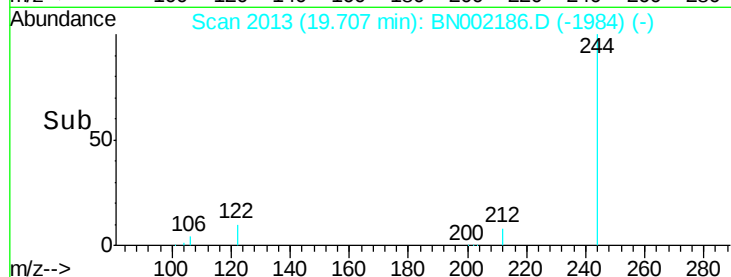
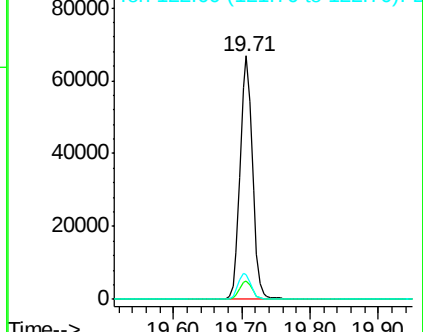
122 10.3 8.1 12.1



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: 2.673 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

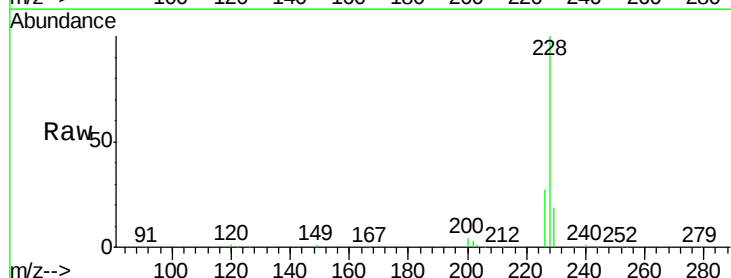
Tgt Ion:228 Resp: 106849

Ion Ratio Lower Upper

228 100

226 26.9 24.0 36.0

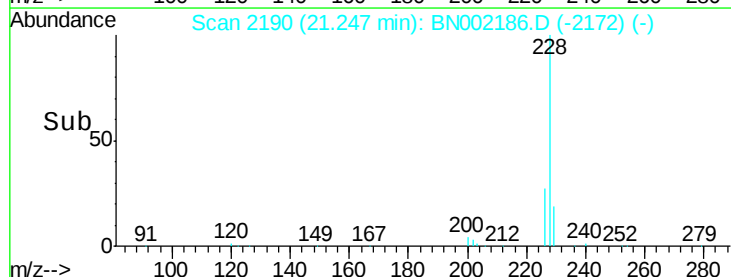
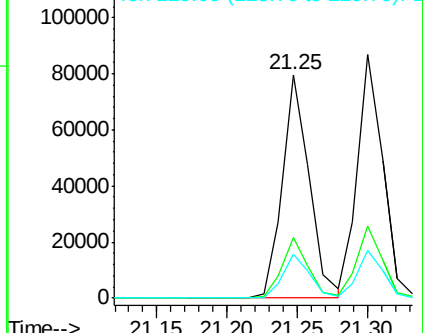
229 19.4 16.0 24.0

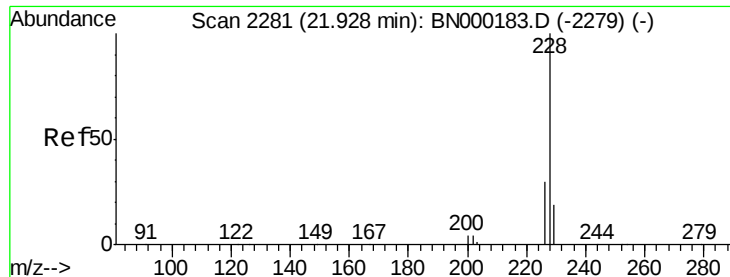


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.338 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

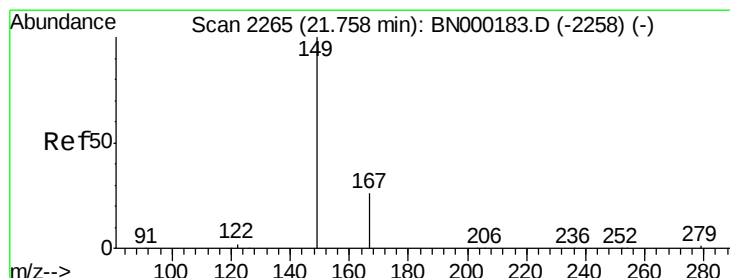
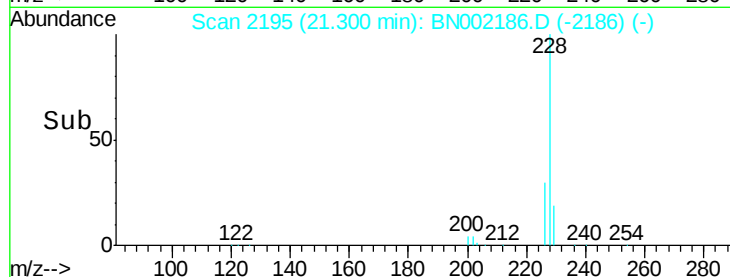
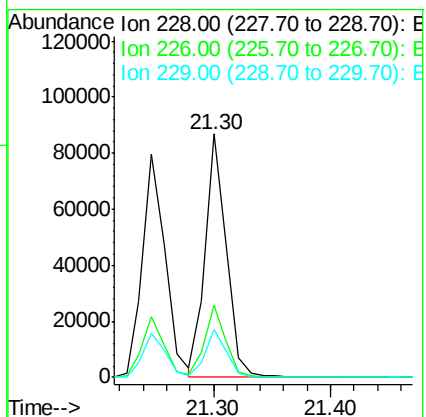
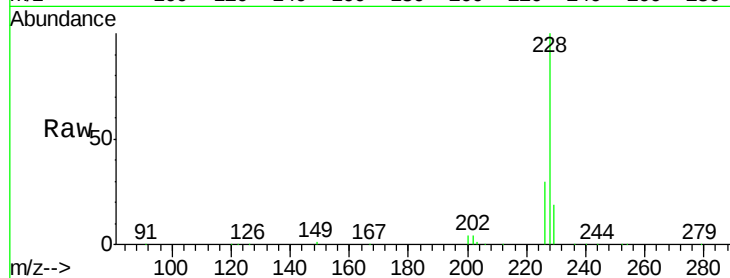
Tgt Ion:228 Resp: 109236

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

229 19.4 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 3.157 ng

RT: 21.18 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

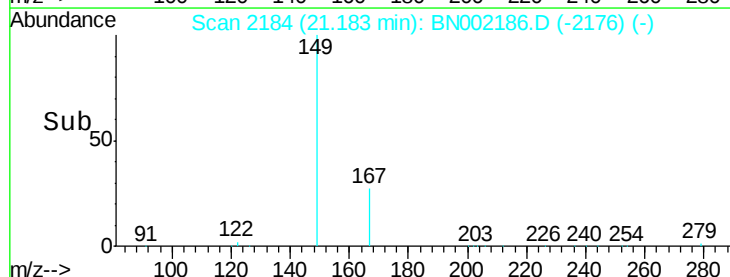
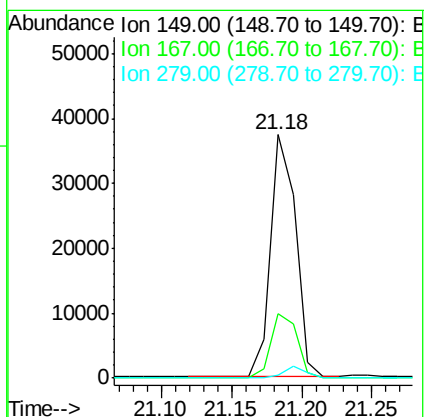
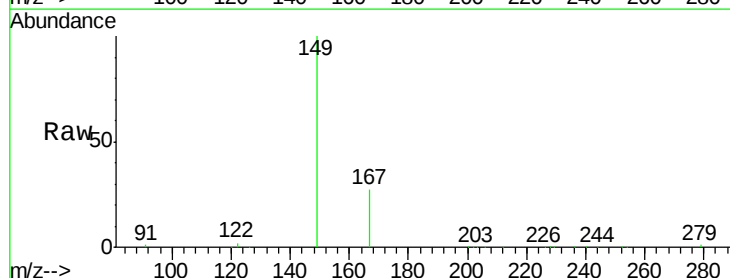
Tgt Ion:149 Resp: 46965

Ion Ratio Lower Upper

149 100

167 27.9 20.0 30.0

279 4.2 1.6 2.4#

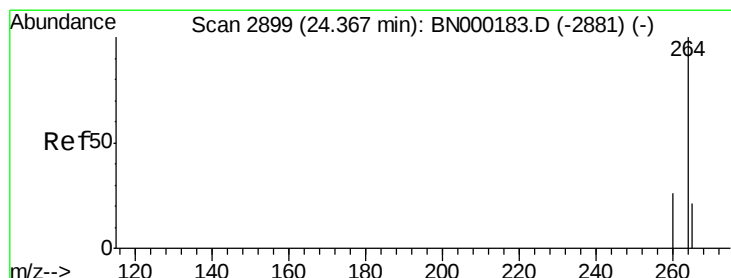
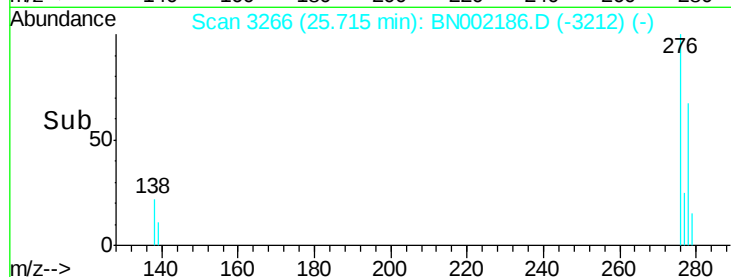
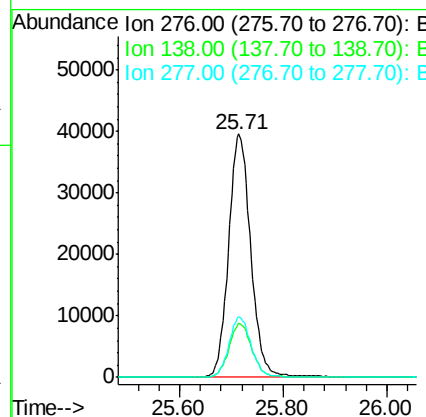
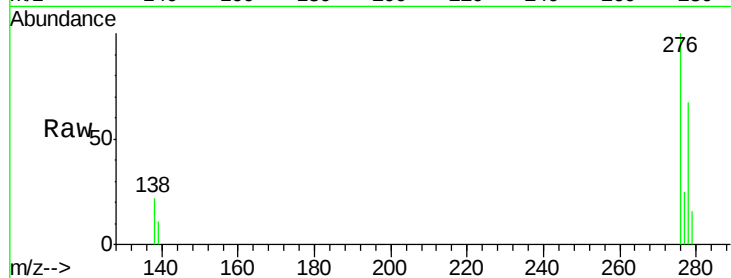




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.672 ng
 RT: 25.71 min Scan# 3266
 Delta R.T. -0.01 min
 Lab File: BN002186.D
 Acq: 30 Jul 2018 14:32

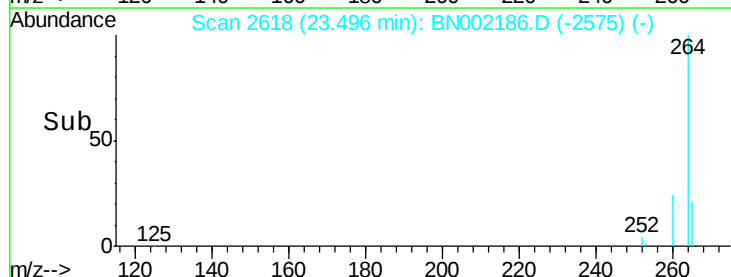
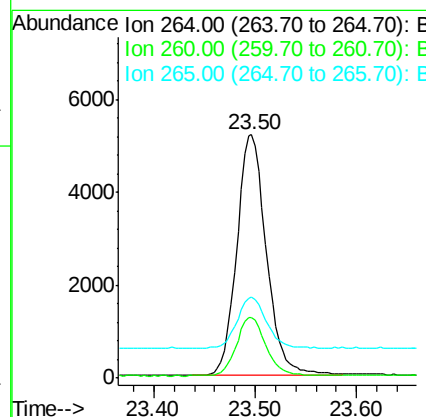
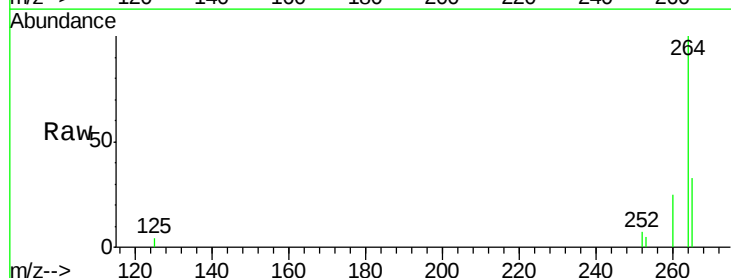
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

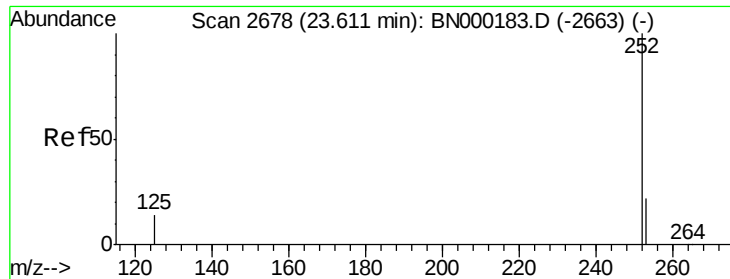
Tgt Ion: 276 Resp: 116534
 Ion Ratio Lower Upper
 276 100
 138 22.6 22.5 33.7
 277 24.8 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.50 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BN002186.D
 Acq: 30 Jul 2018 14:32

Tgt Ion: 264 Resp: 10591
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.5 30.7
 265 33.3 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 2.100 ng

RT: 22.83 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

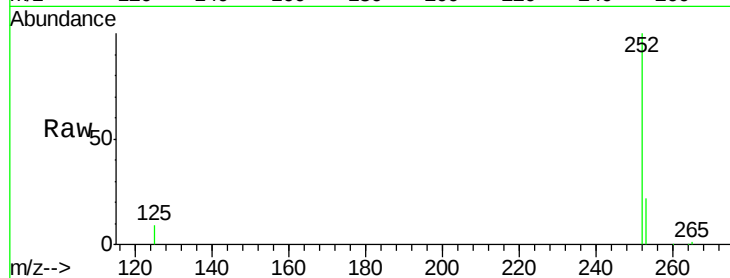
Tgt Ion:252 Resp: 101519

Ion Ratio Lower Upper

252 100

253 22.0 20.0 30.0

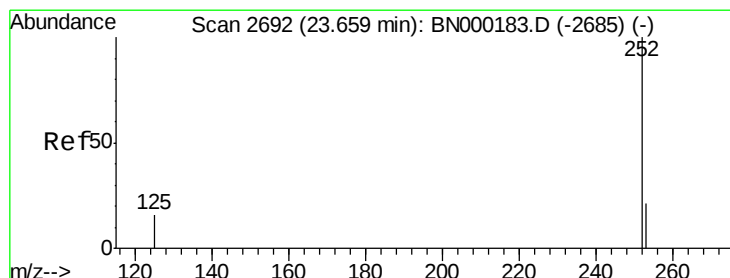
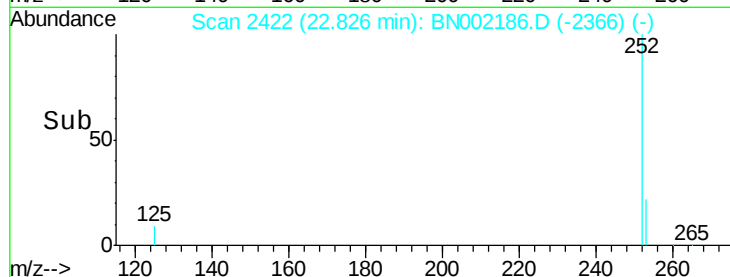
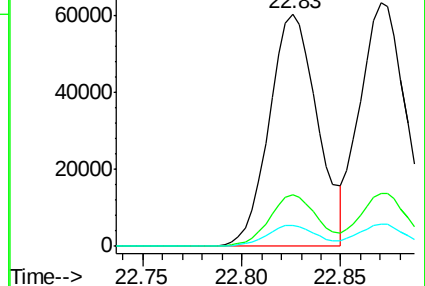
125 9.2 16.0 24.0#



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: 2.195 ng

RT: 22.87 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

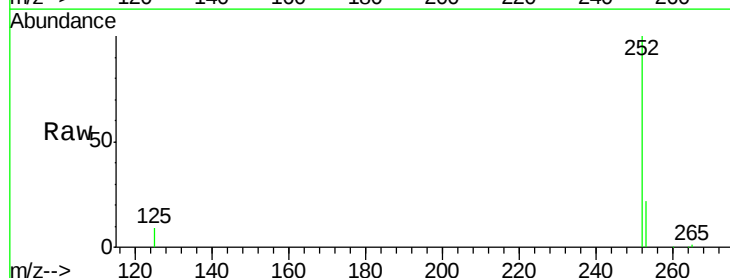
Tgt Ion:252 Resp: 103825

Ion Ratio Lower Upper

252 100

253 21.8 16.0 24.0

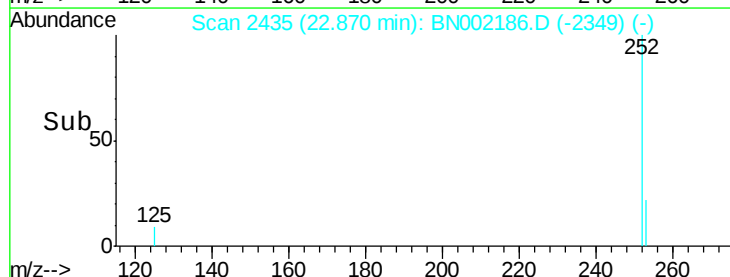
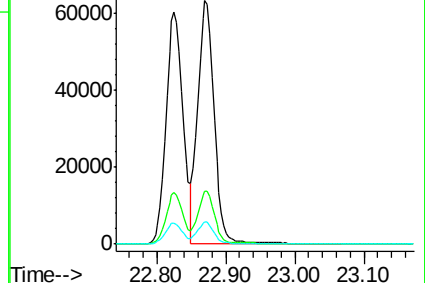
125 9.2 8.0 12.0



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: 2.380 ng

RT: 23.40 min Scan# 2589

Delta R.T. -0.00 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

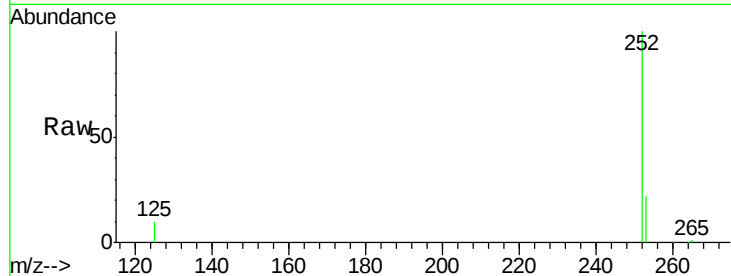
Tgt Ion:252 Resp: 93757

Ion Ratio Lower Upper

252 100

253 21.9 16.0 24.0

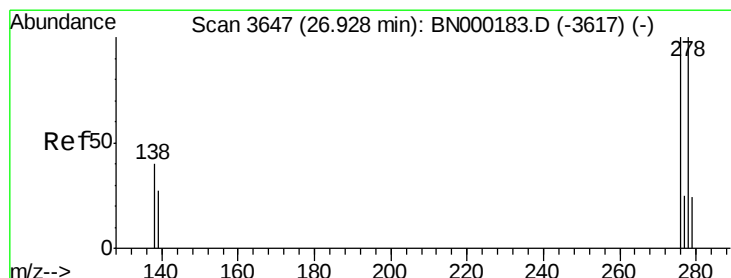
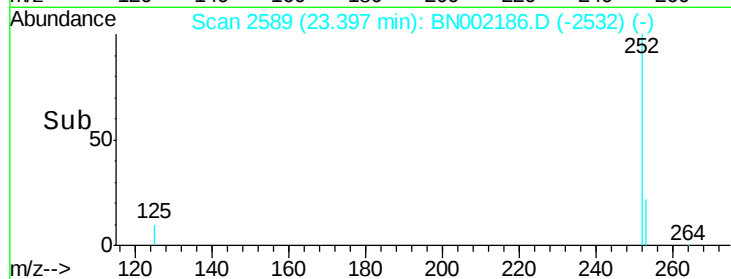
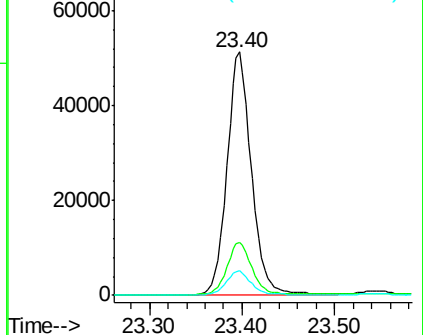
125 10.1 12.0 18.0#



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: 2.777 ng

RT: 25.73 min Scan# 3270

Delta R.T. -0.01 min

Lab File: BN002186.D

Acq: 30 Jul 2018 14:32

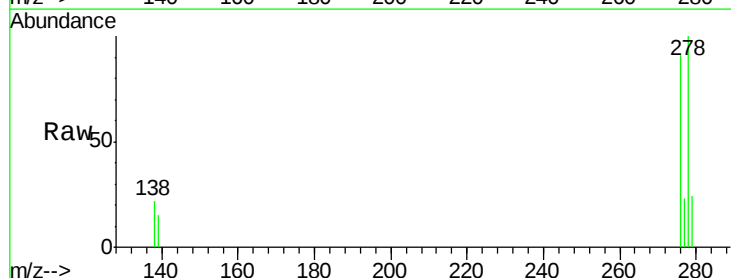
Tgt Ion:278 Resp: 97405

Ion Ratio Lower Upper

278 100

139 14.8 16.0 24.0#

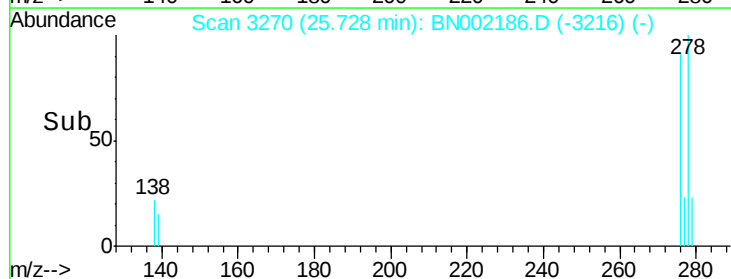
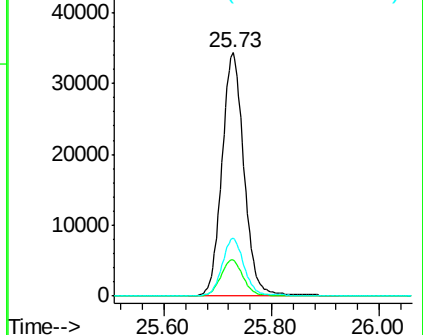
279 23.6 20.0 30.0



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: 2.341 ng

RT: 26.40 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BN002186.D

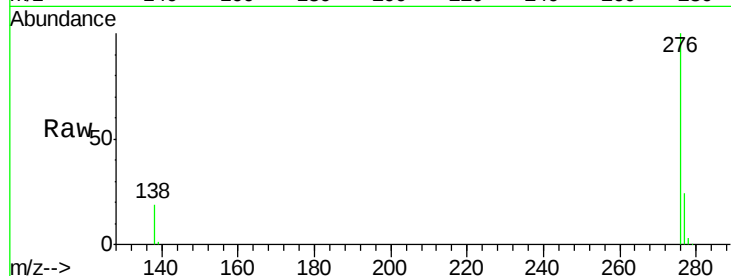
Acq: 30 Jul 2018 14:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2



Tgt Ion: 276 Resp: 96905

Ion Ratio Lower Upper

276 100

277 23.8 16.0 24.0

138 19.3 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

