

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
 Data File : BN003186.D
 Acq On : 17 Oct 2018 18:53
 Operator : MJ/SJ
 Sample : J5302-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TW-2

Quant Time: Oct 18 15:38:33 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 18 15:26:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	1099	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	5038	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	3575	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	9548	0.40	ng	-0.02
27) Chrysene-d12	21.24	240	11957	0.40	ng	-0.01
34) Perylene-d12	23.46	264	12879	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.31	112	576	0.24	ng	0.00
5) Phenol-d6	6.93	99	446	0.13	ng	0.00
8) Nitrobenzene-d5	8.87	82	1409	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.02	152	3354	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.79	330	1202	0.53	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	7409	0.53	ng	-0.04
25) Fluoranthene-d10	19.07	212	11988	0.41	ng	-0.01
29) Terphenyl-d14	19.66	244	14303	0.55	ng	-0.02

Target Compounds

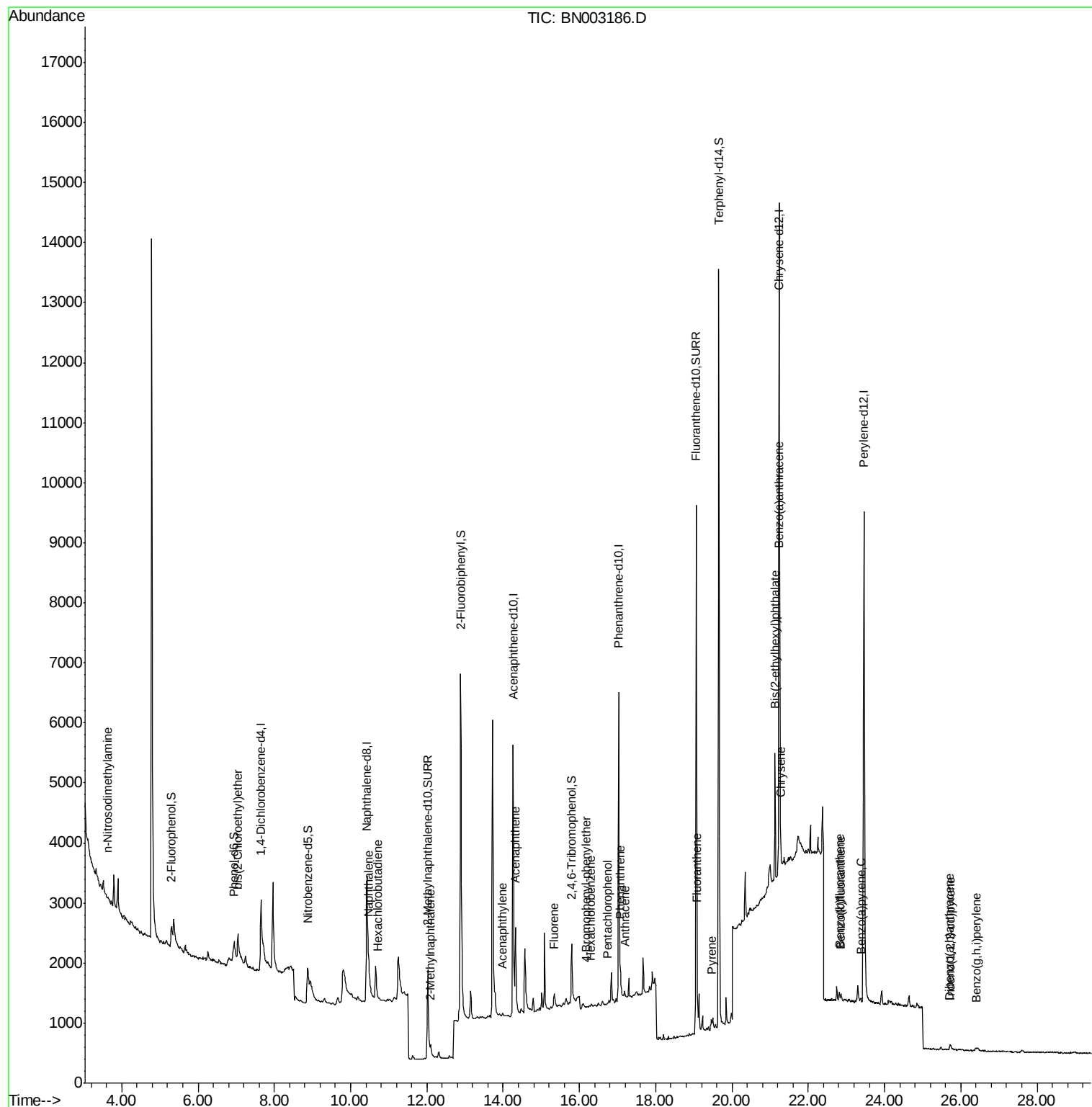
					Qvalue	
2) 1,4-Dioxane	3.23	88	70	Below Cal	#	17
3) n-Nitrosodimethylamine	3.63	42	14	0.165 ng	#	1
6) bis(2-Chloroethyl)ether	7.05	93	74	0.025 ng	#	25
9) Naphthalene	10.48	128	828	0.066 ng	#	64
10) Hexachlorobutadiene	10.71	225	2	0.001 ng	#	18
12) 2-Methylnaphthalene	12.10	142	149	0.017 ng	#	74
16) Acenaphthylene	13.99	152	74	0.005 ng	#	73
17) Acenaphthene	14.32	154	830	0.077 ng	#	98
18) Fluorene	15.34	166	297	0.021 ng	#	78
20) 4-Bromophenyl-phenylether	16.17	248	4	0.001 ng	#	42
21) Hexachlorobenzene	16.30	284	1	0.000 ng	#	45
22) Pentachlorophenol	16.74	266	6	0.087 ng	#	69
23) Phenanthrene	17.07	178	323	0.013 ng	#	93
24) Anthracene	17.18	178	187	0.008 ng	#	90
26) Fluoranthene	19.10	202	176	0.005 ng	#	79
28) Pyrene	19.46	202	172	0.005 ng	#	64
30) Benzo(a)anthracene	21.23	228	151	0.005 ng	#	1
31) Chrysene	21.28	228	169	0.005 ng	#	10
32) Bis(2-ethylhexyl)phthalate	21.13	149	1856	0.104 ng	#	97
33) Indeno(1,2,3-cd)pyrene	25.71	276	65	0.001 ng	#	81
35) Benzo(b)fluoranthene	22.82	252	181	0.005 ng	#	1
36) Benzo(k)fluoranthene	22.85	252	149	0.004 ng	#	1
37) Benzo(a)pyrene	23.38	252	93	0.003 ng	#	1
38) Dibenzo(a,h)anthracene	25.71	278	53	0.001 ng	#	1
39) Benzo(g,h,i)perylene	26.40	276	101	0.003 ng	#	1

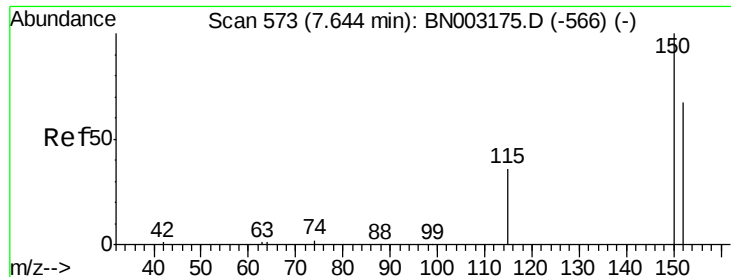
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.65 min Scan# 574

Delta R.T. 0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

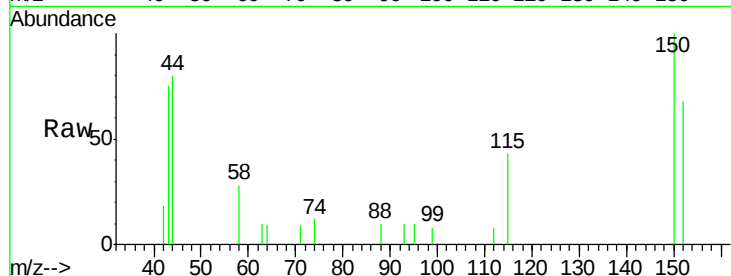
Tgt Ion:152 Resp: 1099

Ion Ratio Lower Upper

152 100

150 147.5 126.2 189.4

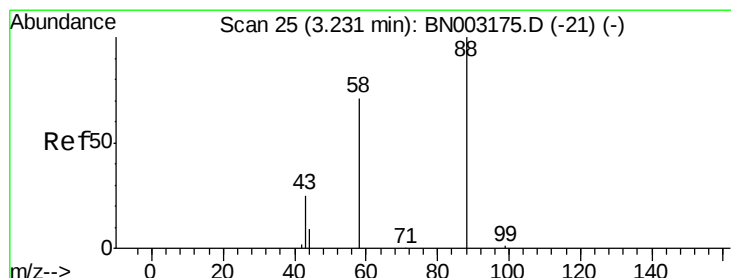
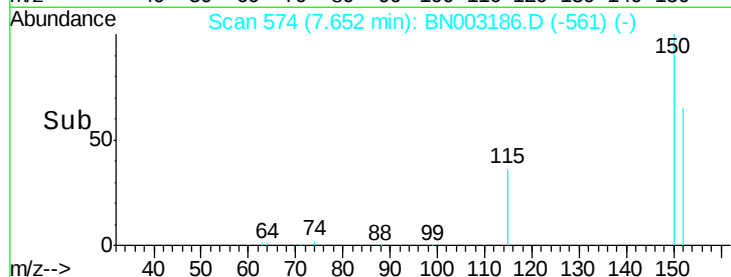
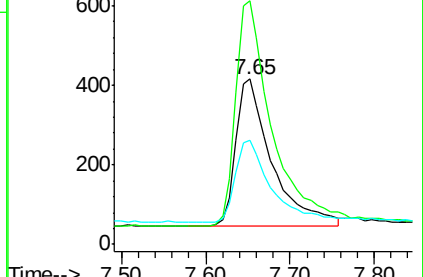
115 63.1 49.8 74.6



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: Below Cal

RT: 3.23 min Scan# 25

Delta R.T. -0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

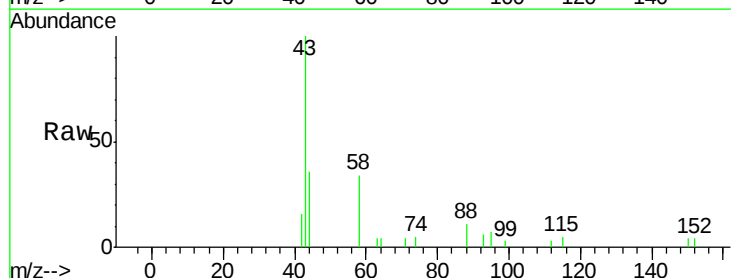
Tgt Ion: 88 Resp: 70

Ion Ratio Lower Upper

88 100

58 0.0 66.7 100.1#

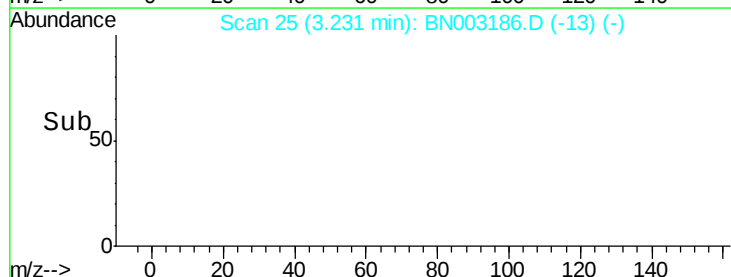
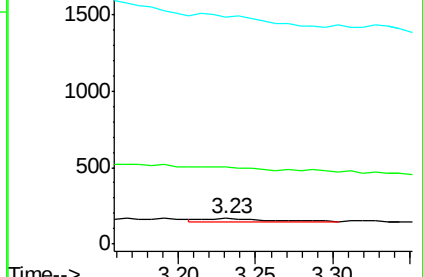
43 0.0 24.6 37.0#

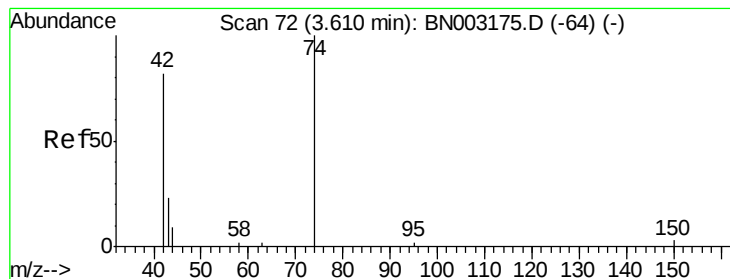


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.165 ng

RT: 3.63 min Scan# 75

Delta R.T. 0.02 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

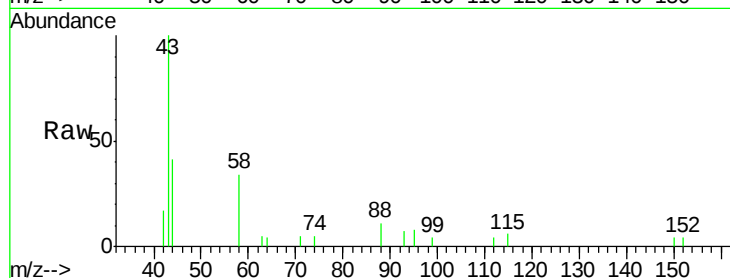
Tgt Ion: 42 Resp: 14

Ion Ratio Lower Upper

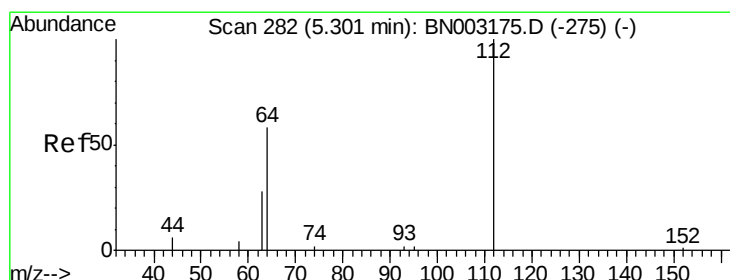
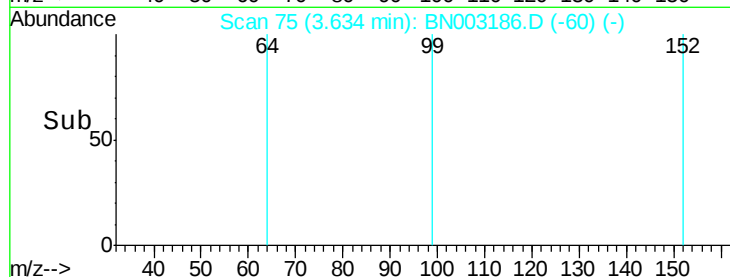
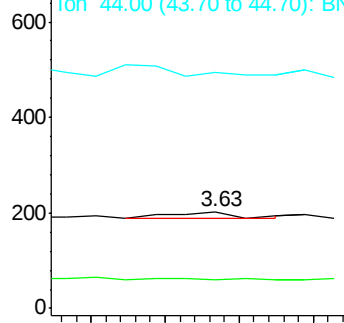
42 100

74 0.0 102.9 154.3#

44 0.0 0.0 0.0



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: 0.237 ng

RT: 5.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

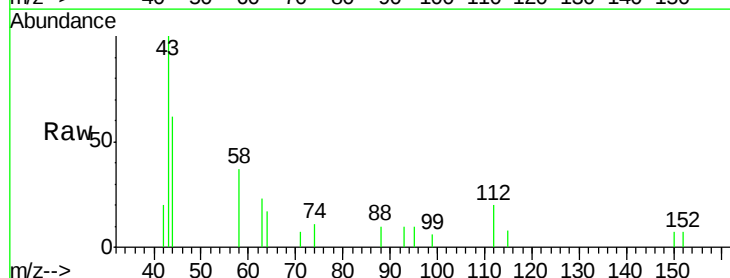
Tgt Ion: 112 Resp: 576

Ion Ratio Lower Upper

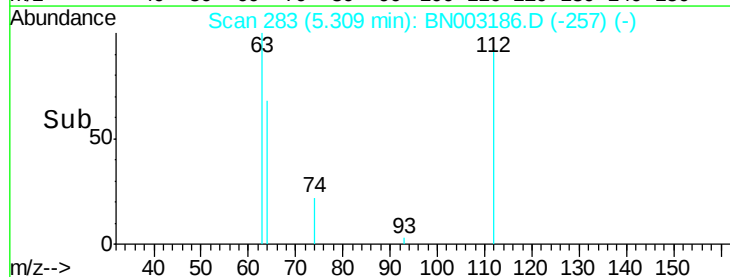
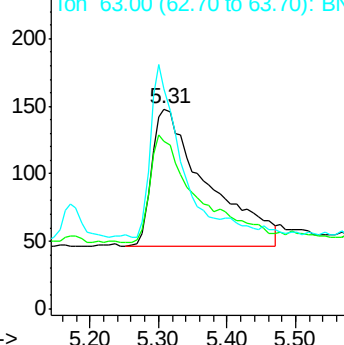
112 100

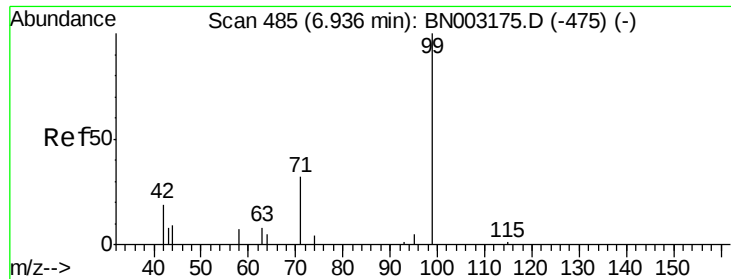
64 67.5 49.0 73.4

63 71.5 25.9 38.9#



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





#5

Phenol-d6

Concen: 0.129 ng

RT: 6.93 min Scan# 484

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampled :

TW-2

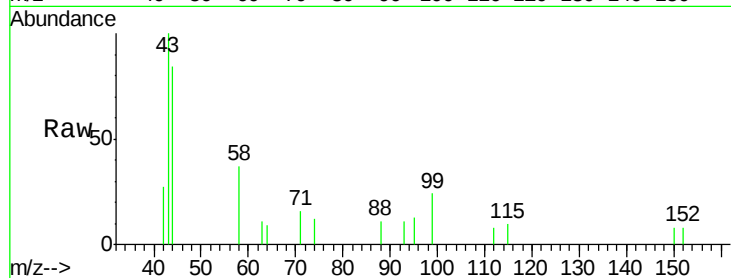
Tgt Ion: 99 Resp: 446

Ion Ratio Lower Upper

99 100

42 9.0 15.4 23.2#

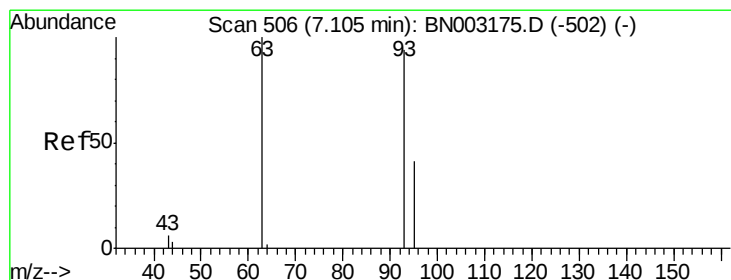
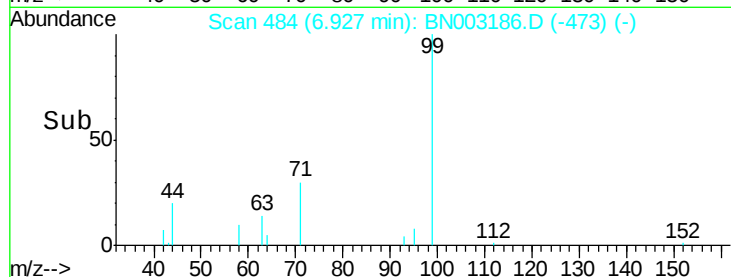
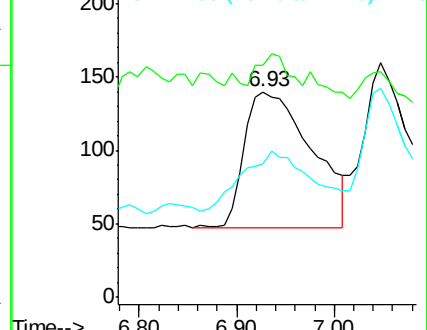
71 43.9 26.0 39.0#



Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.025 ng

RT: 7.05 min Scan# 499

Delta R.T. -0.06 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

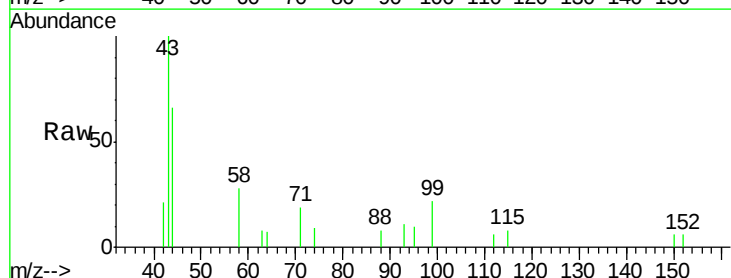
Tgt Ion: 93 Resp: 74

Ion Ratio Lower Upper

93 100

63 0.0 54.2 81.4#

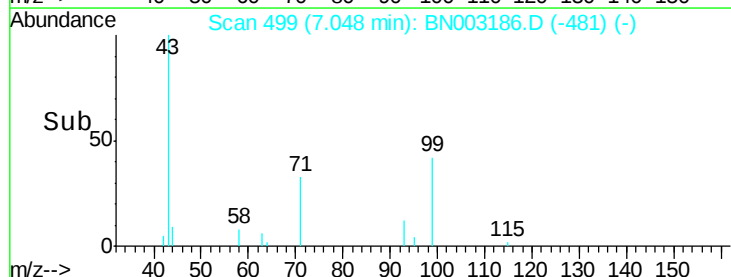
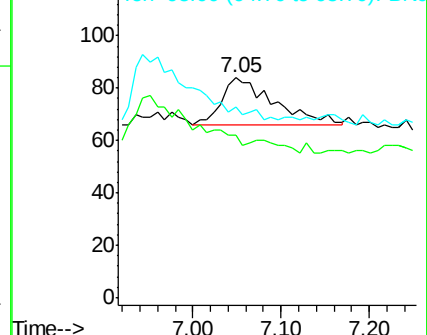
95 0.0 24.9 37.3#

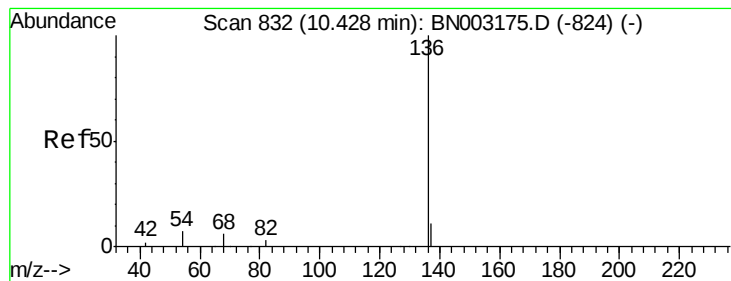


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

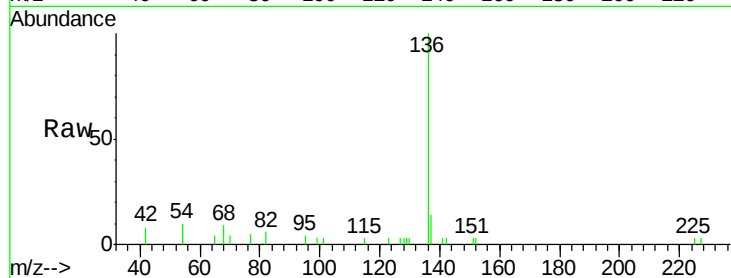
Instrument :

BNA_N

ClientSampleId :

TW-2

Tgt Ion:	136	Resp:	5038
Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.4	14.0
54	10.2	7.4	11.0
68	9.1	5.8	8.6#



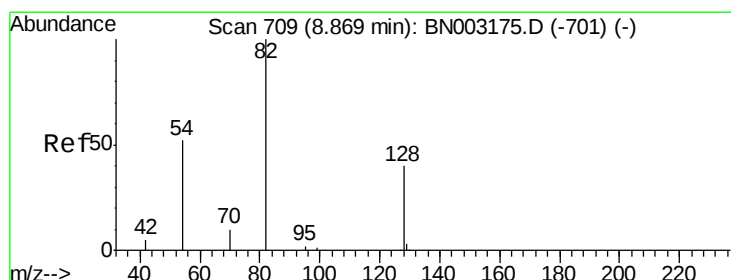
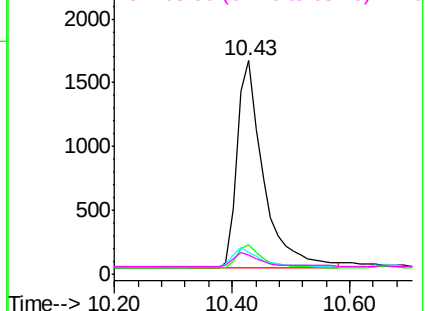
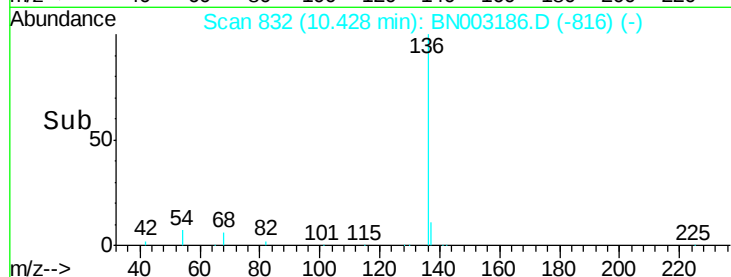
Abundance

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: 0.434 ng

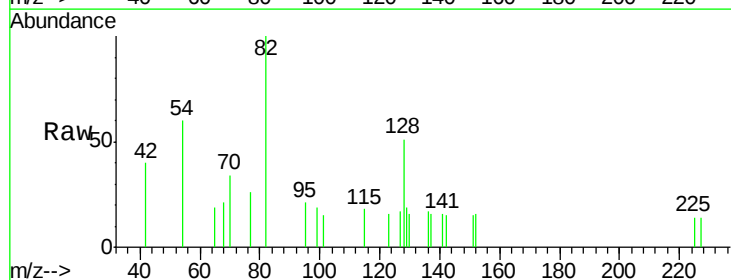
RT: 8.87 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Tgt Ion:	82	Resp:	1409
Ion	Ratio	Lower	Upper
82	100		
128	51.1	38.2	57.4
54	60.1	44.1	66.1

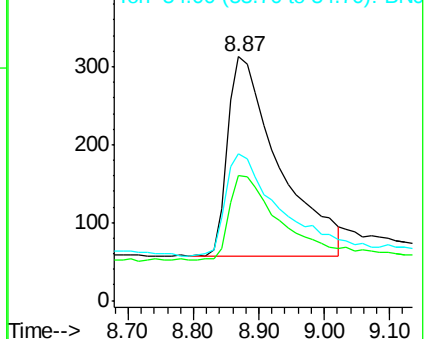
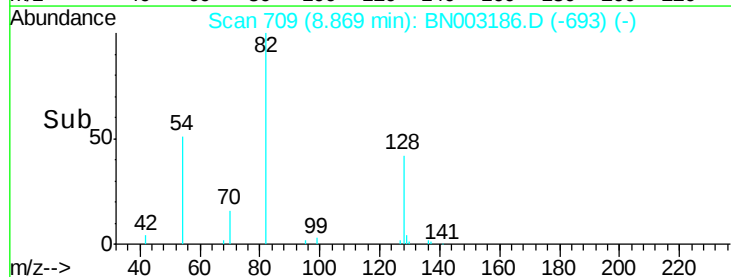


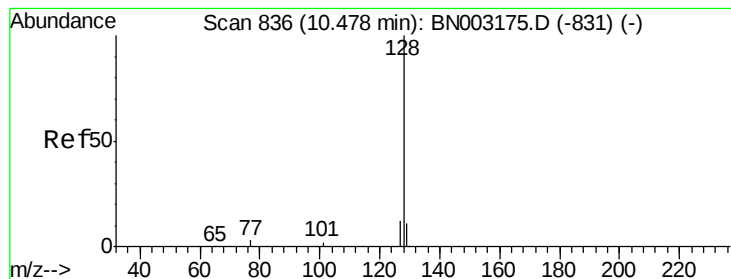
Abundance

Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.066 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

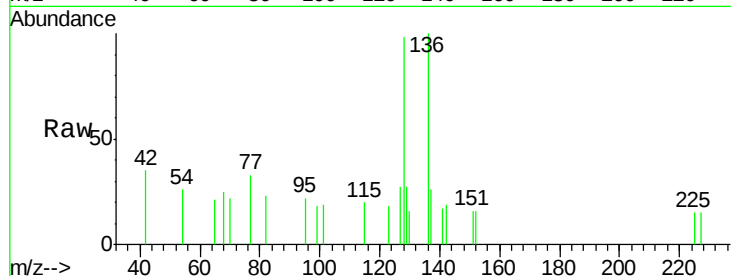
Tgt Ion:128 Resp: 828

Ion Ratio Lower Upper

128 100

129 27.9 9.8 14.6#

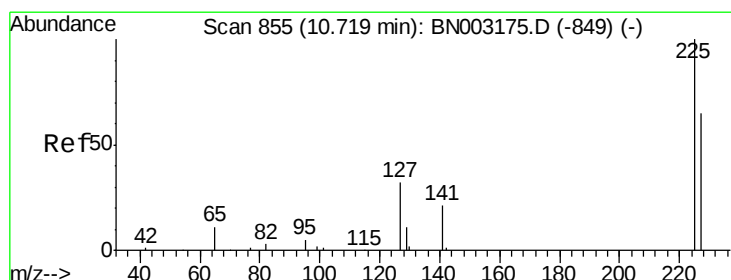
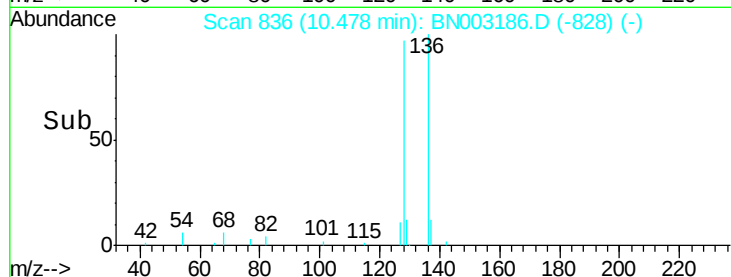
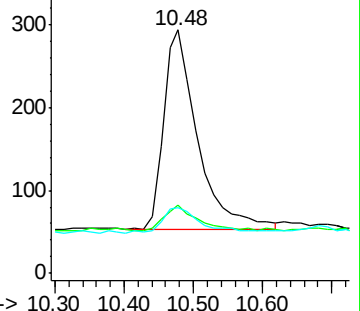
127 27.2 11.4 17.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

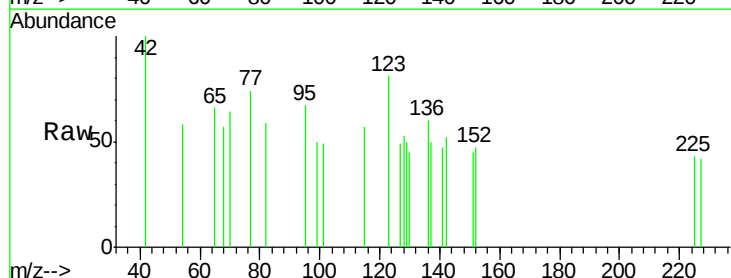
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

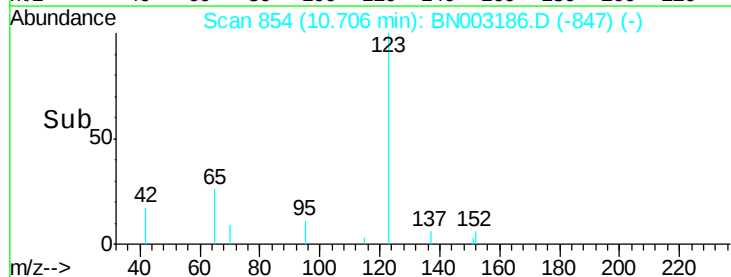
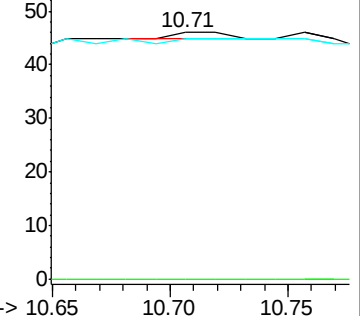
227 0.0 51.8 77.8#

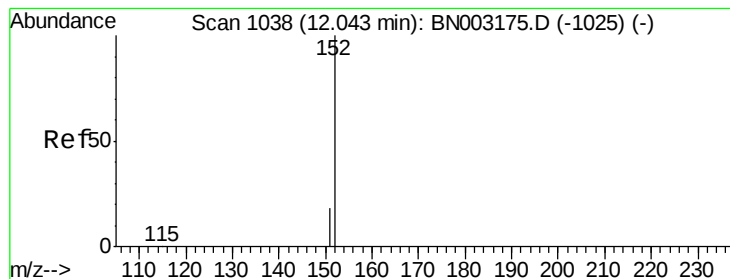


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.02 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

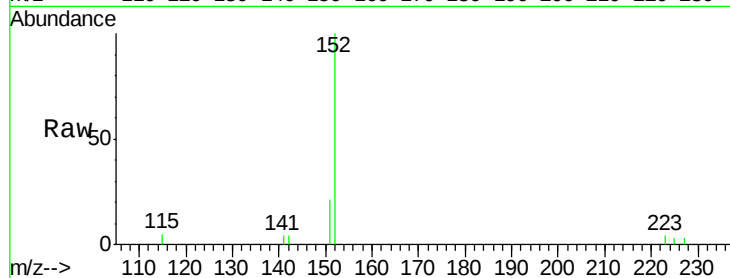
TW-2

Tgt Ion:152 Resp: 3354

Ion Ratio Lower Upper

152 100

151 18.2 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.02

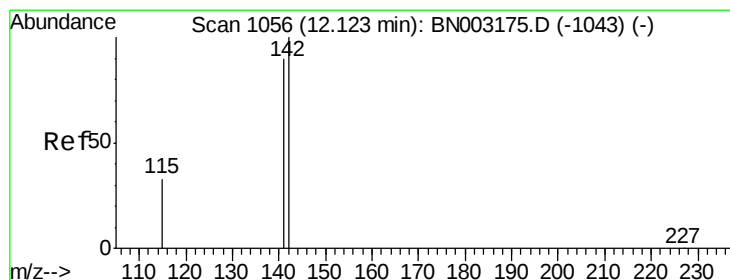
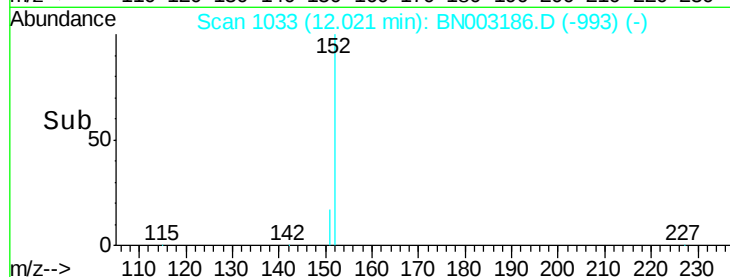
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.017 ng

RT: 12.10 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

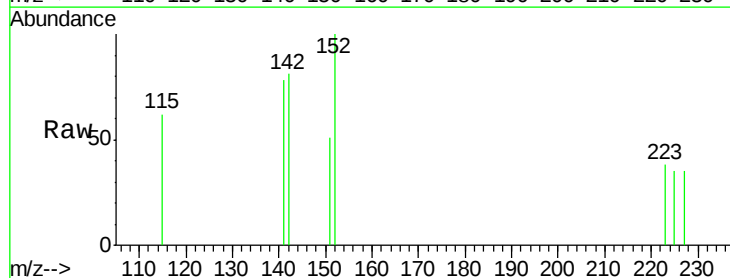
Tgt Ion:142 Resp: 149

Ion Ratio Lower Upper

142 100

141 97.1 71.5 107.3

115 77.1 28.1 42.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

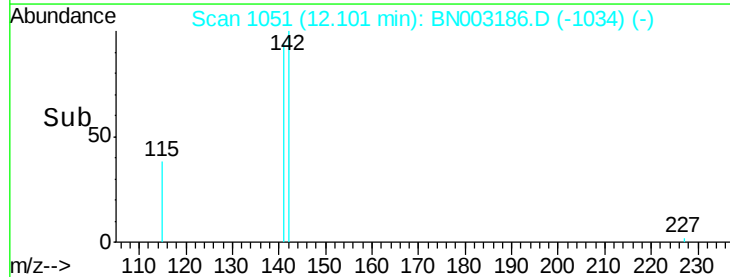
12.10

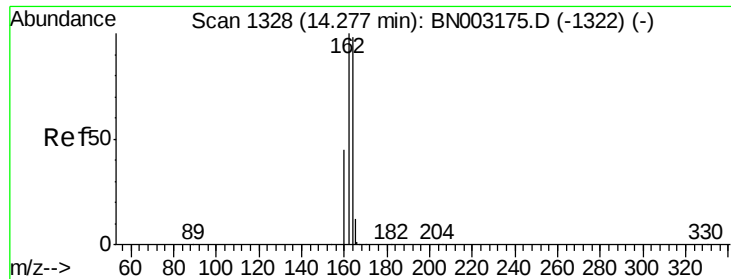
100

50

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

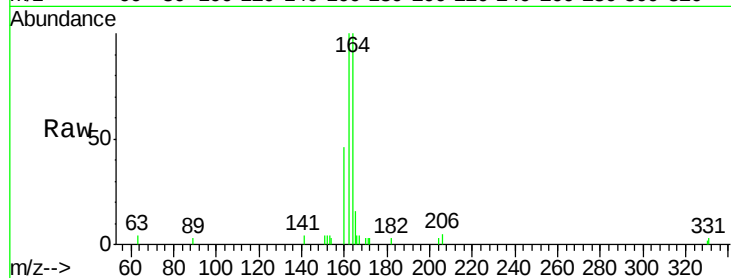
Tgt Ion:164 Resp: 3575

Ion Ratio Lower Upper

164 100

162 100.1 81.7 122.5

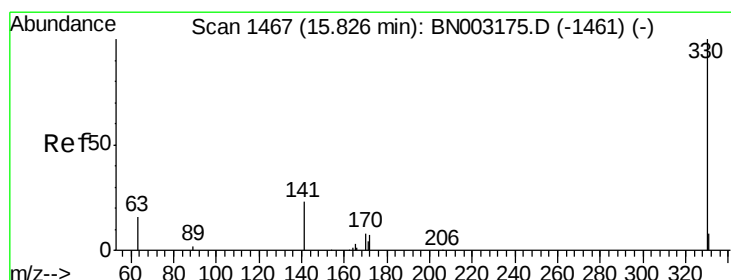
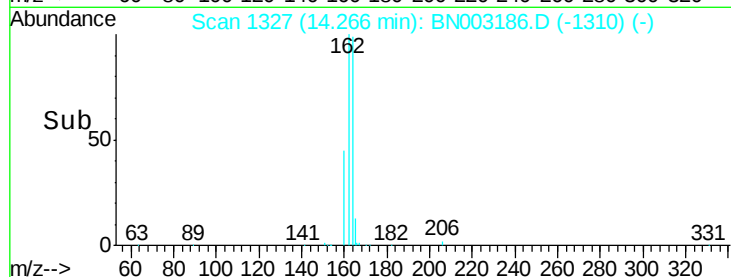
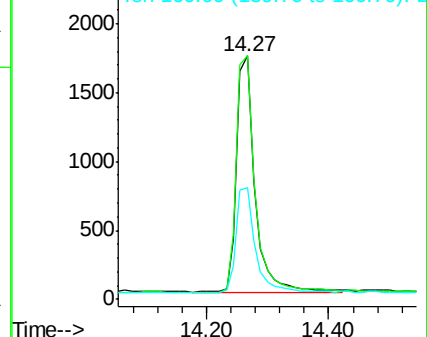
160 46.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.527 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.03 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

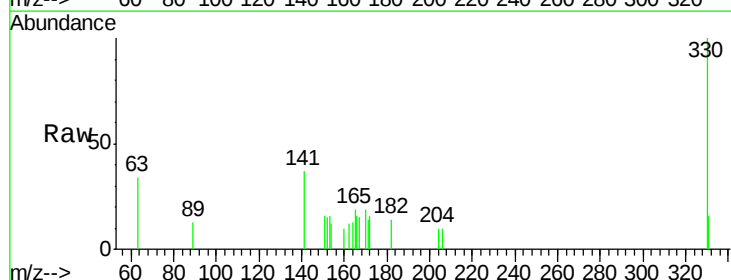
Tgt Ion:330 Resp: 1202

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

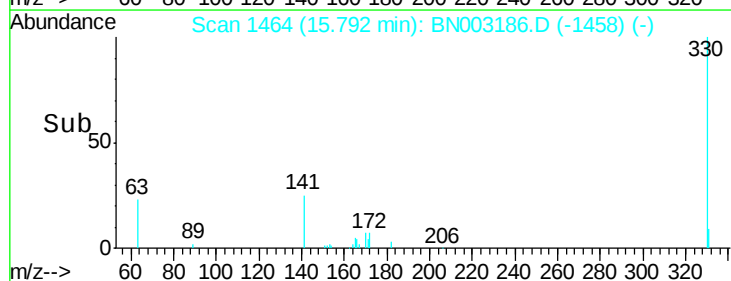
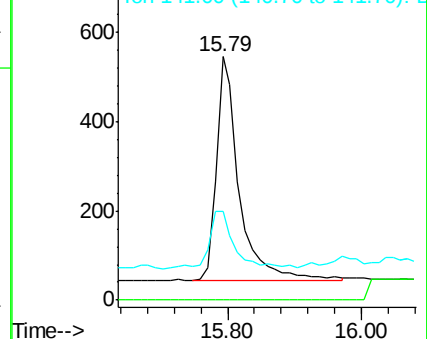
141 25.2 22.6 33.8

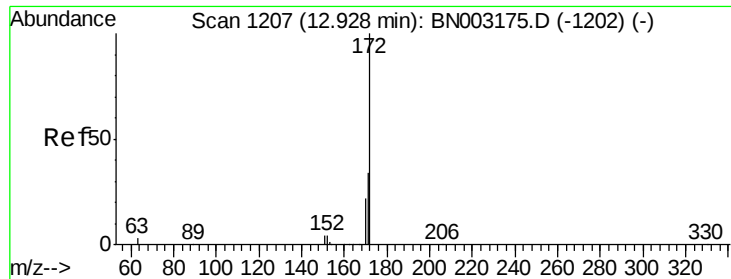


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

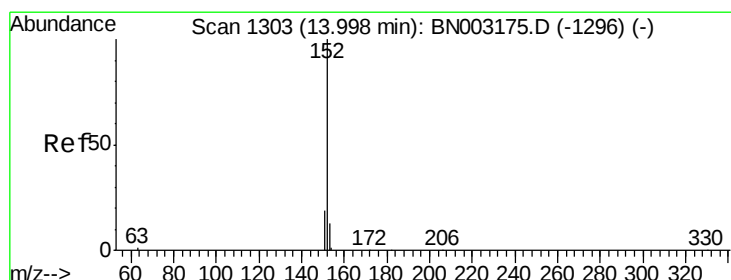
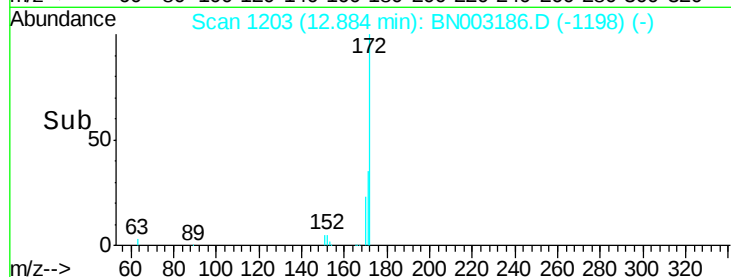
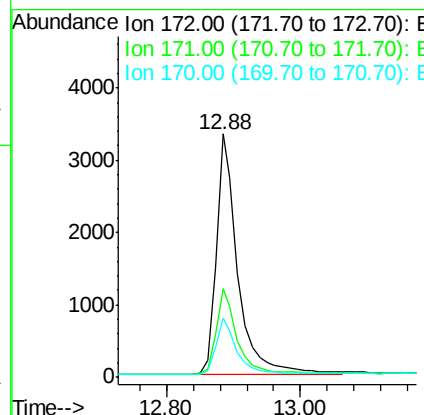
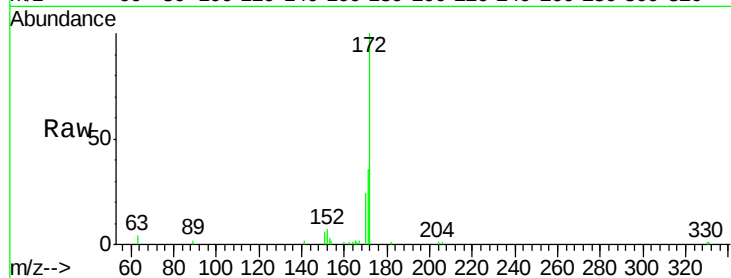




#15
2-Fluorobiphenyl
Concen: 0.526 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

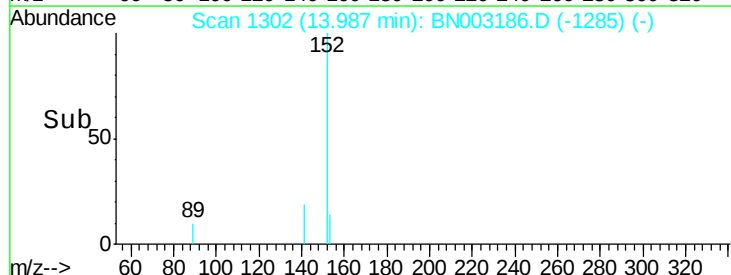
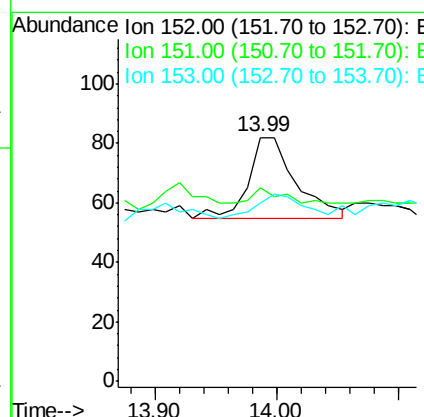
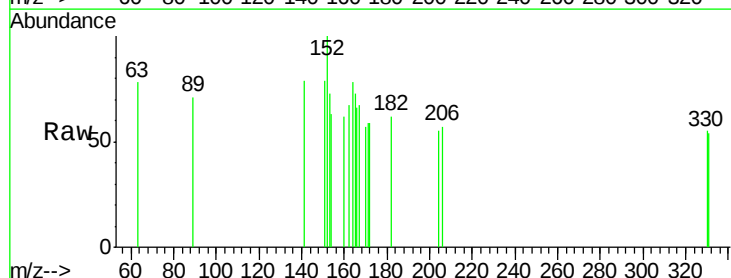
Instrument :
BNA_N
ClientSampleId :
TW-2

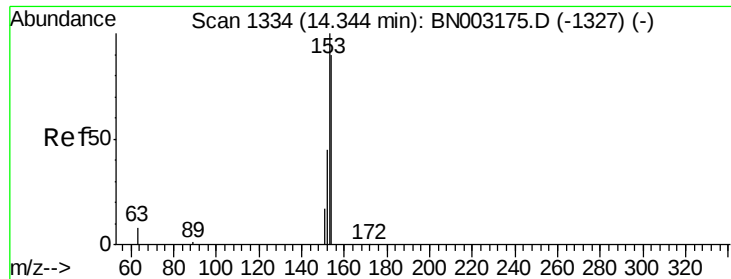
Tgt Ion:172 Resp: 7409
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.2 18.6 27.8



#16
Acenaphthylene
Concen: 0.005 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:152 Resp: 74
Ion Ratio Lower Upper
152 100
151 10.8 15.7 23.5#
153 28.4 10.6 16.0#





#17

Acenaphthene

Concen: 0.077 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

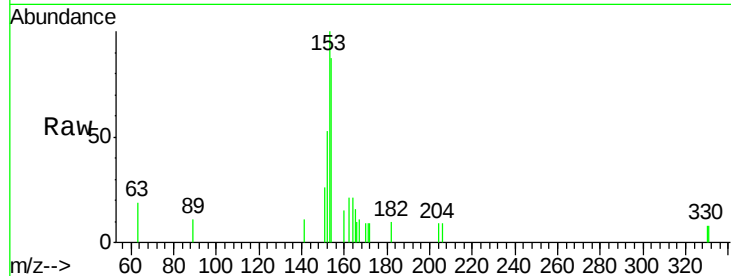
Tgt Ion:154 Resp: 830

Ion Ratio Lower Upper

154 100

153 112.7 91.0 136.4

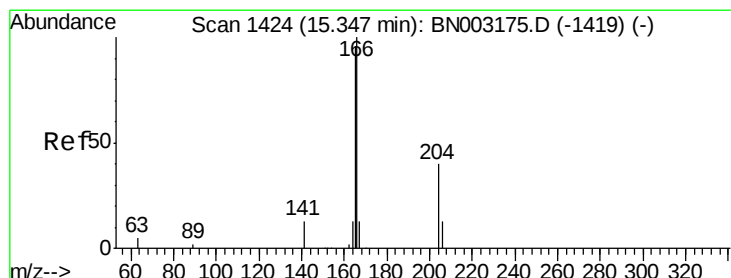
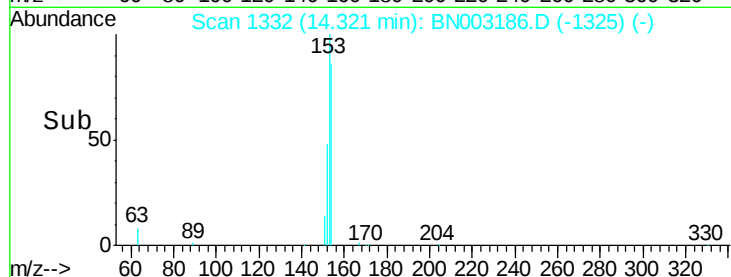
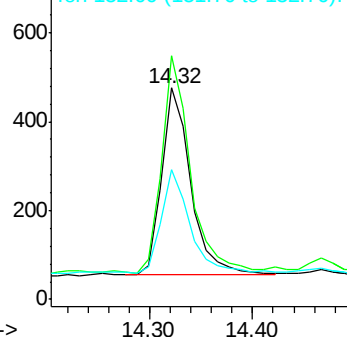
152 52.4 43.8 65.6



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: 0.021 ng

RT: 15.34 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

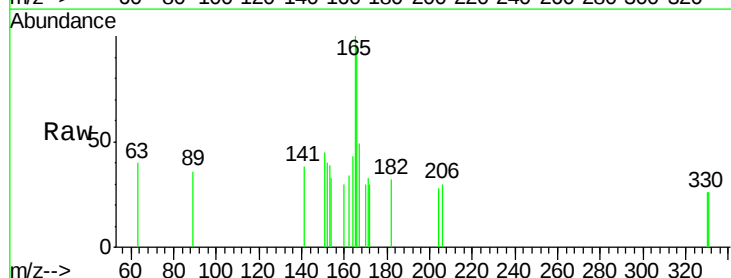
Tgt Ion:166 Resp: 297

Ion Ratio Lower Upper

166 100

165 118.9 78.2 117.2#

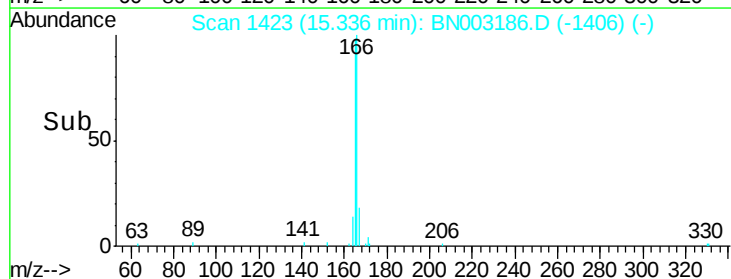
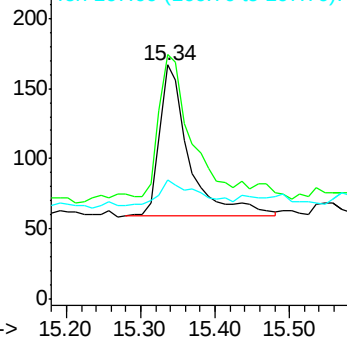
167 22.9 10.7 16.1#

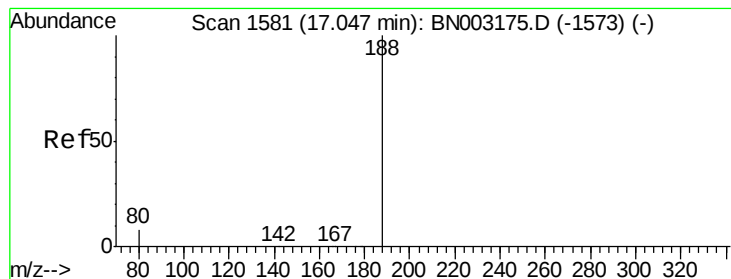


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

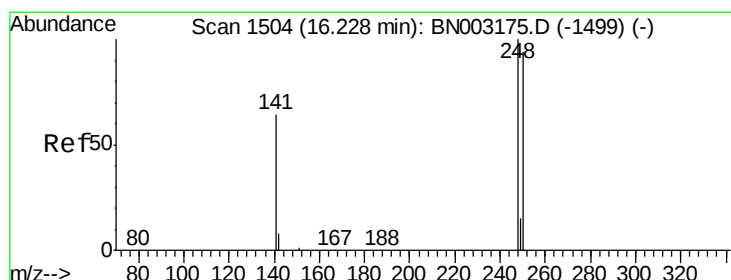
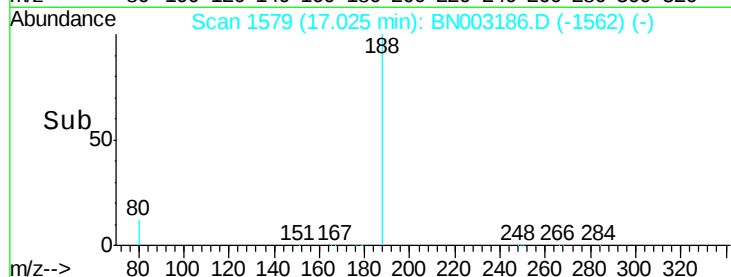
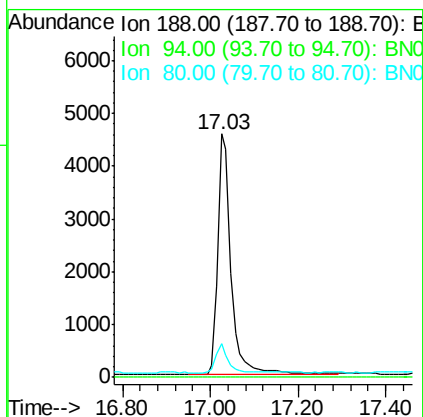
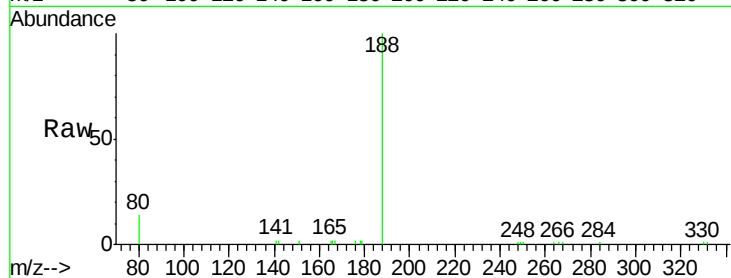




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

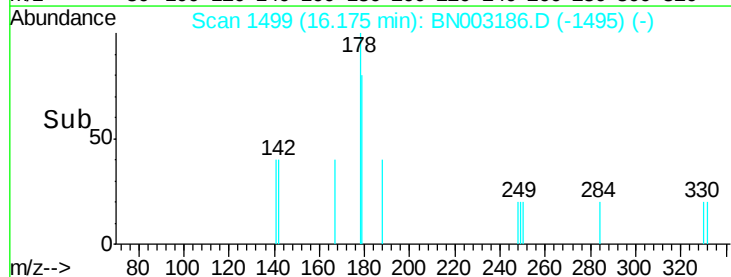
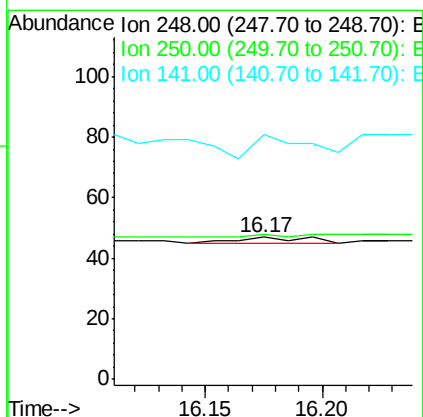
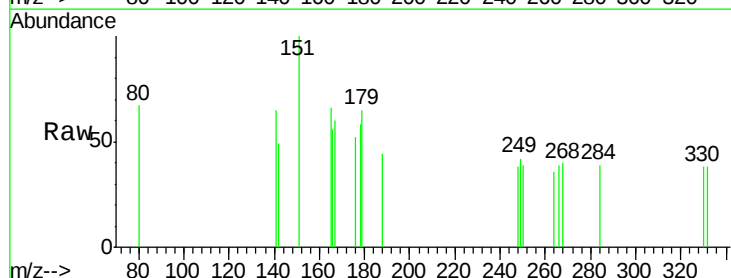
Instrument :
BNA_N
ClientSampleId :
TW-2

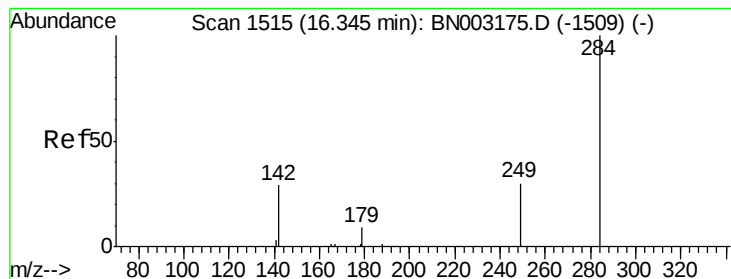
Tgt Ion:188 Resp: 9548
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 6.7 10.1#



#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.17 min Scan# 1499
Delta R.T. -0.05 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:248 Resp: 4
Ion Ratio Lower Upper
248 100
250 102.1 78.9 118.3
141 172.3 48.5 72.7#





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.30 min Scan# 1511

Delta R.T. -0.04 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

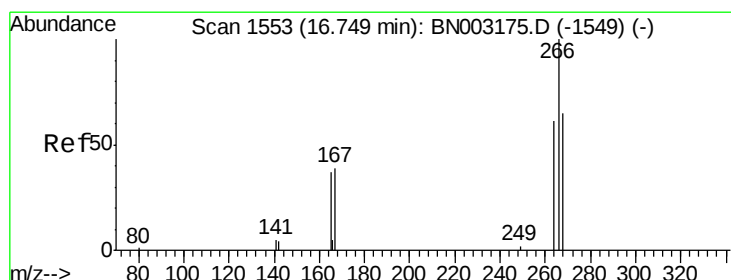
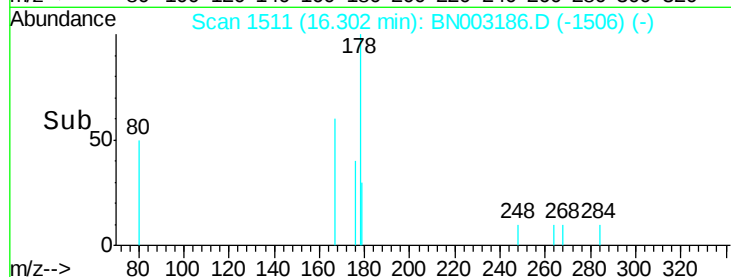
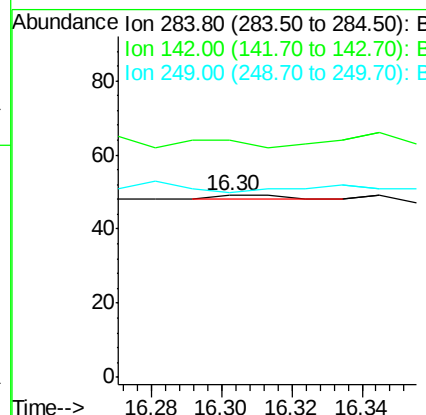
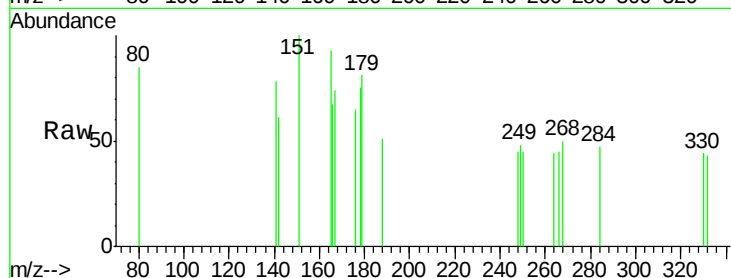
Instrument :

BNA_N

ClientSampleId :

TW-2

Tgt Ion:	284	Resp:	1
Ion	Ratio	Lower	Upper
284	100		
142	0.0	24.6	37.0#
249	0.0	22.3	33.5#



#22

Pentachlorophenol

Concen: 0.087 ng

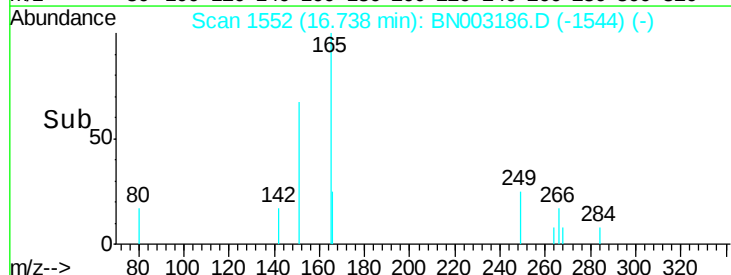
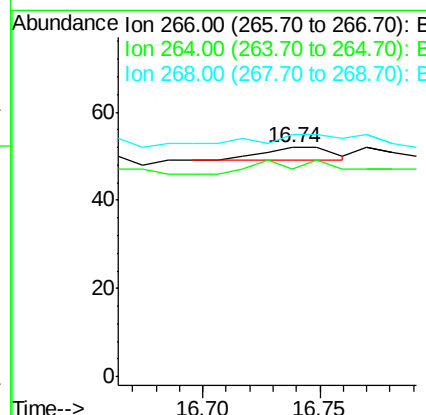
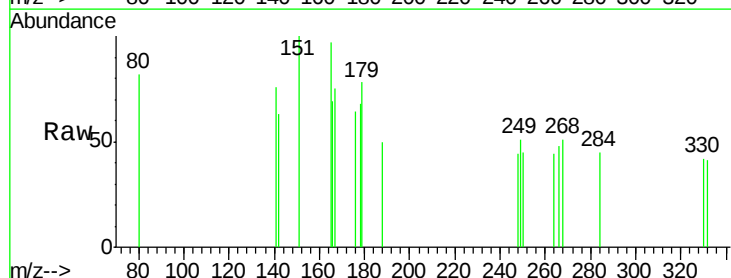
RT: 16.74 min Scan# 1552

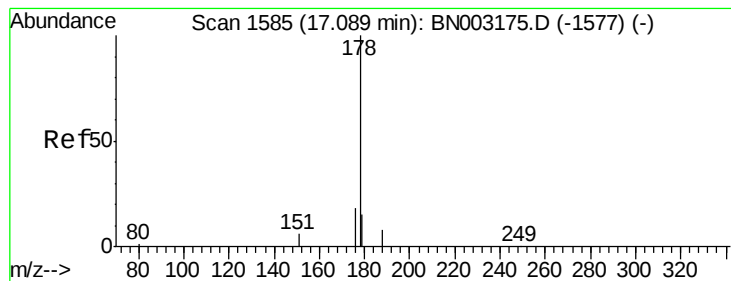
Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	90.4	55.0	82.4#
268	105.8	60.6	91.0#





#23

Phenanthrene

Concen: 0.013 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

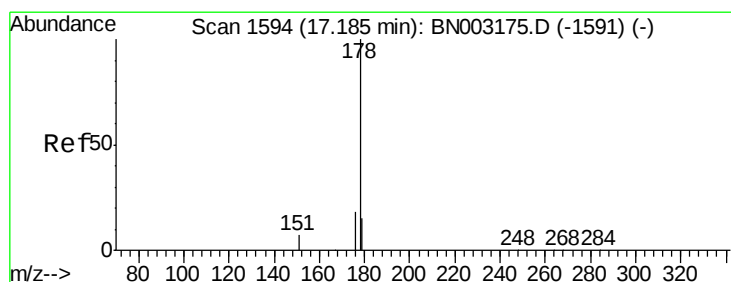
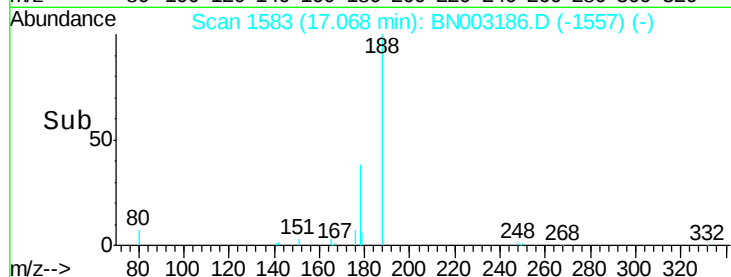
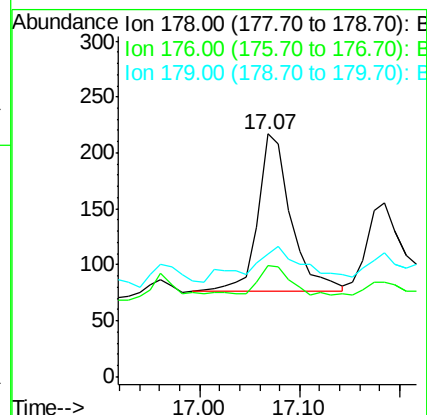
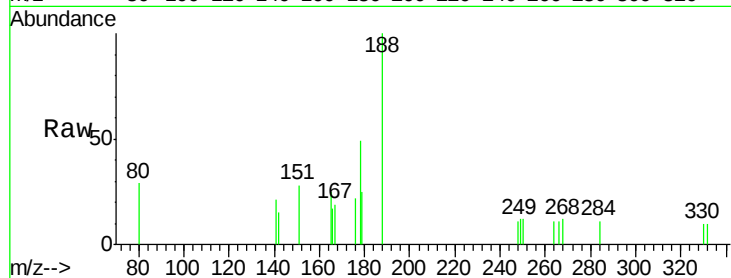
Tgt Ion:178 Resp: 323

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 21.4 12.3 18.5#



#24

Anthracene

Concen: 0.008 ng

RT: 17.18 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

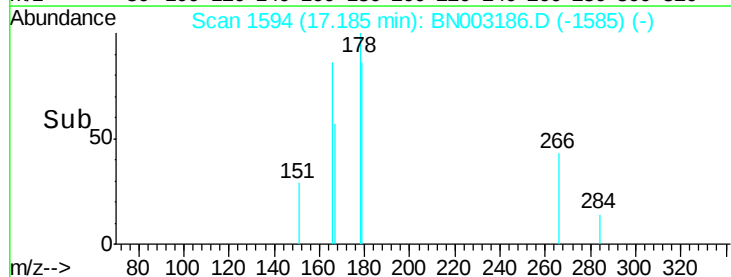
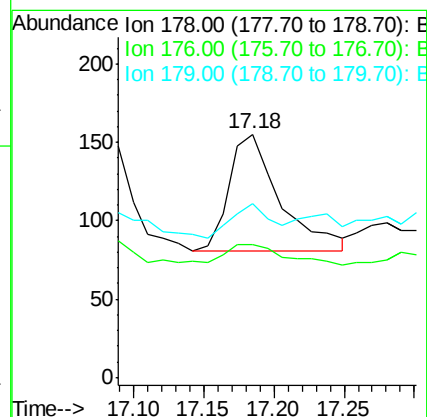
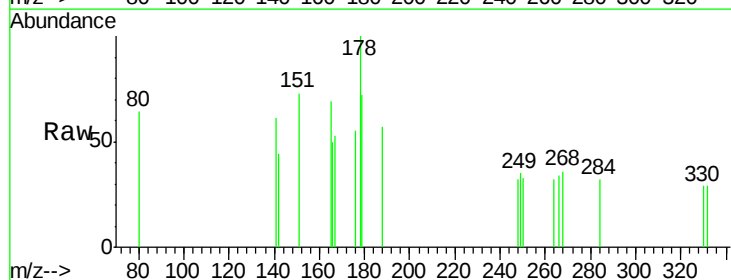
Tgt Ion:178 Resp: 187

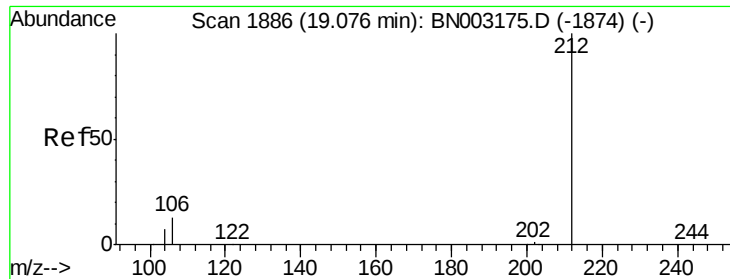
Ion Ratio Lower Upper

178 100

176 20.3 14.6 22.0

179 21.9 12.3 18.5#





#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.07 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

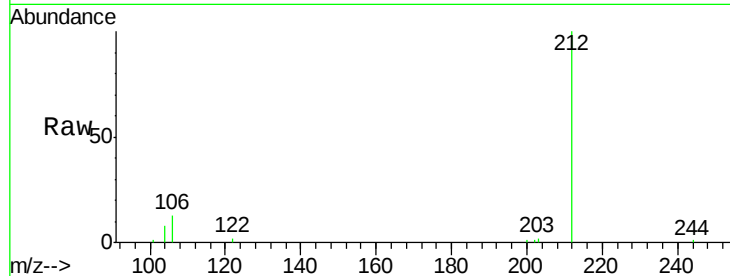
Tgt Ion:212 Resp: 11988

Ion Ratio Lower Upper

212 100

106 13.4 10.2 15.4

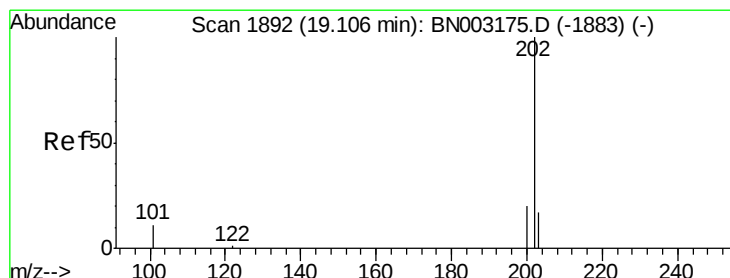
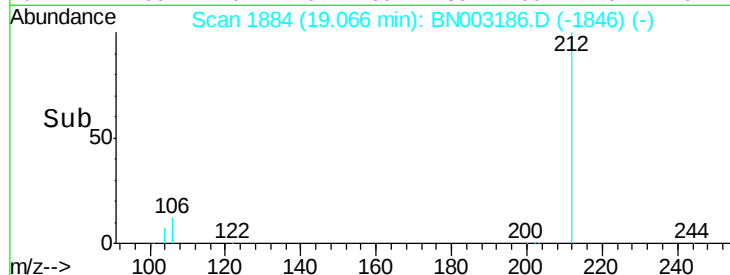
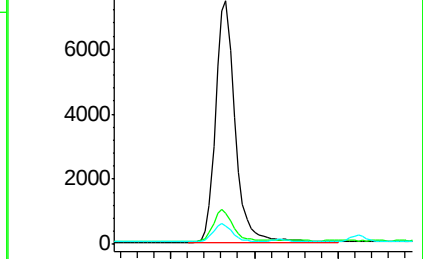
104 7.1 5.8 8.6



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: 0.005 ng

RT: 19.10 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

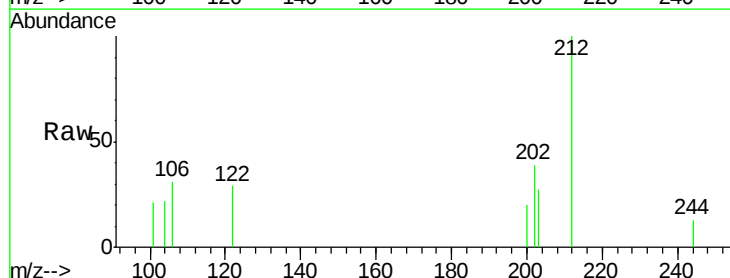
Tgt Ion:202 Resp: 176

Ion Ratio Lower Upper

202 100

101 0.0 8.6 12.8#

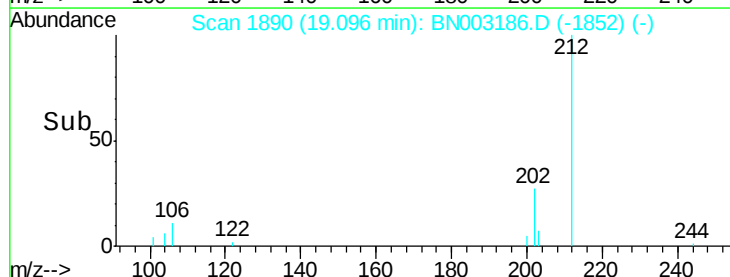
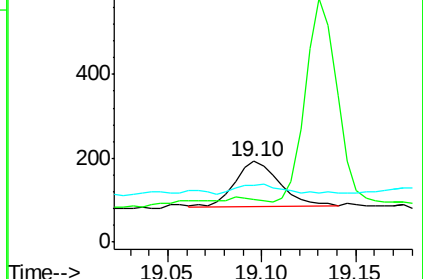
203 23.9 13.7 20.5#

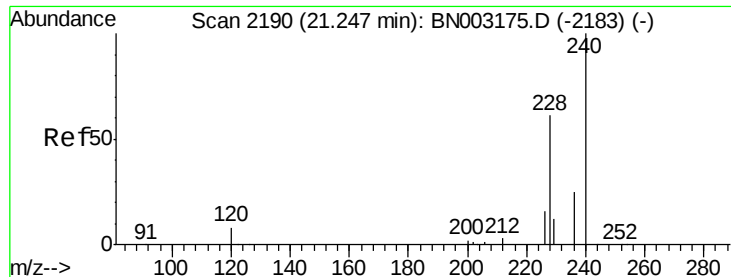


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

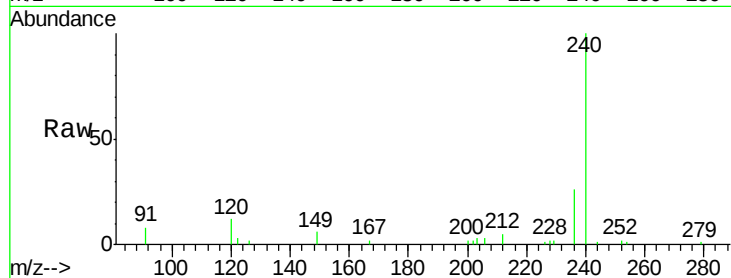
Tgt Ion:240 Resp: 11957

Ion Ratio Lower Upper

240 100

120 12.4 7.8 11.8#

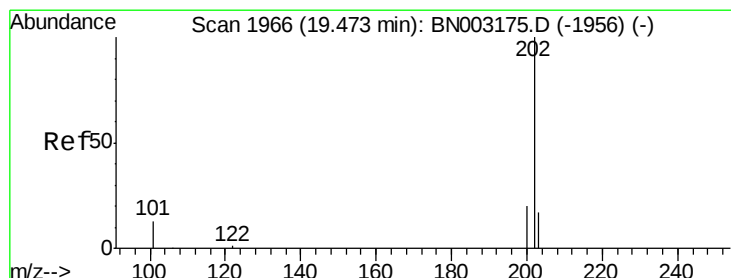
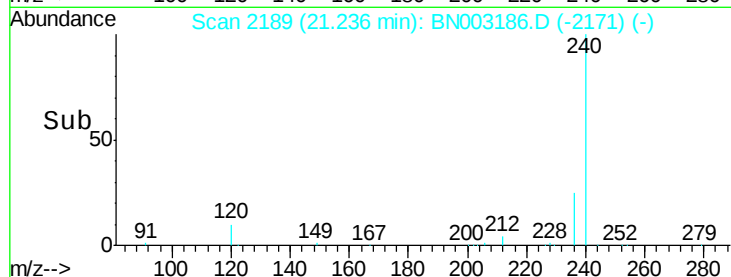
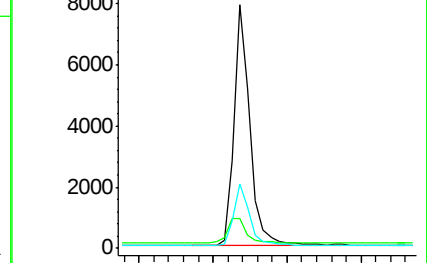
236 26.4 21.0 31.4



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: 0.005 ng

RT: 19.46 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

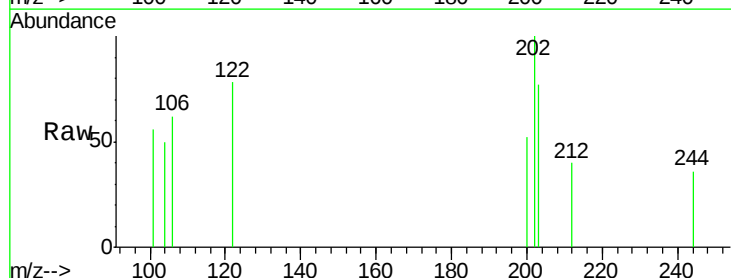
Tgt Ion:202 Resp: 172

Ion Ratio Lower Upper

202 100

200 36.0 16.3 24.5#

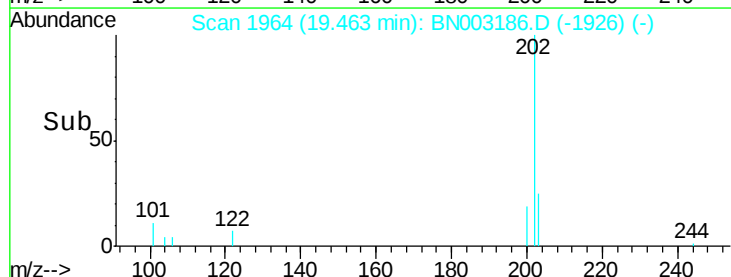
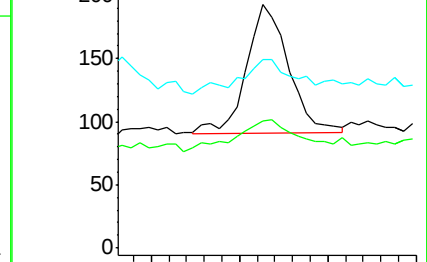
203 34.3 14.2 21.2#

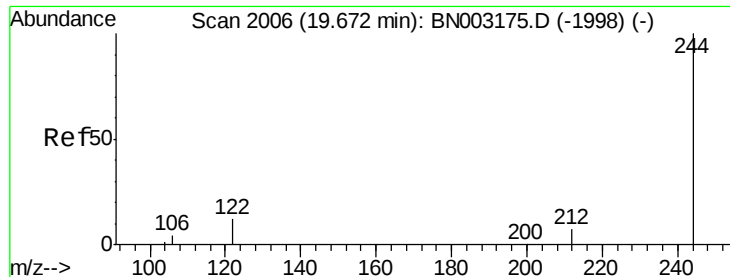


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.552 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampled :

TW-2

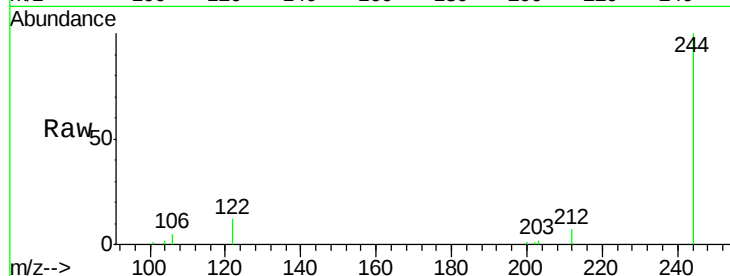
Tgt Ion:244 Resp: 14303

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

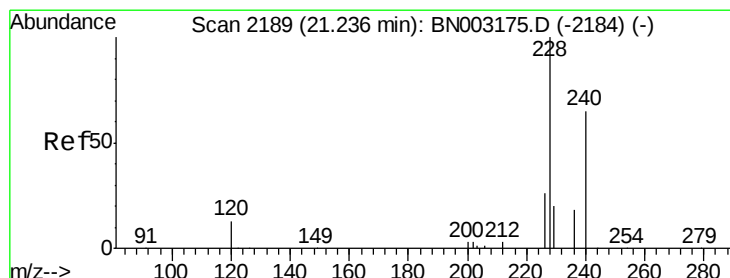
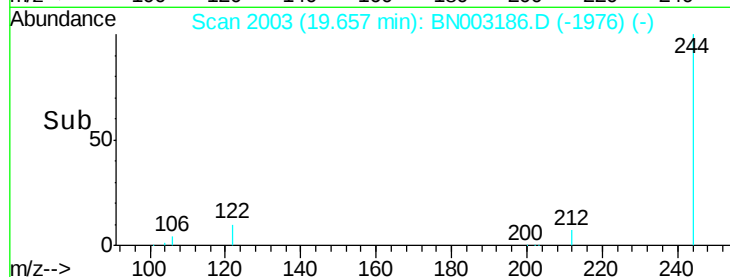
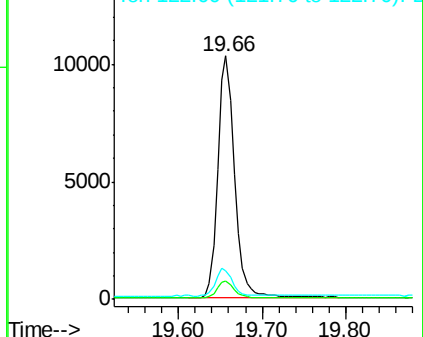
122 11.8 9.1 13.7



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: 0.005 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

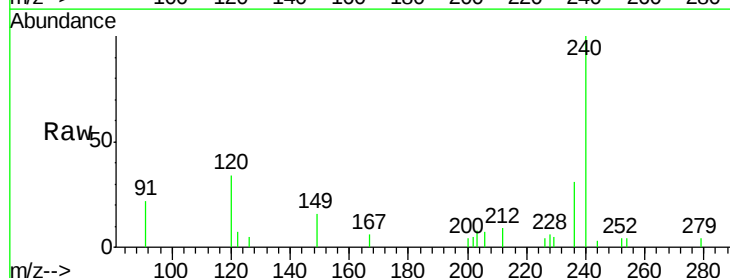
Tgt Ion:228 Resp: 151

Ion Ratio Lower Upper

228 100

226 65.9 21.4 32.2#

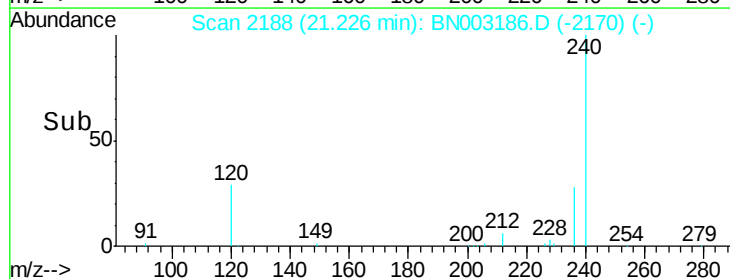
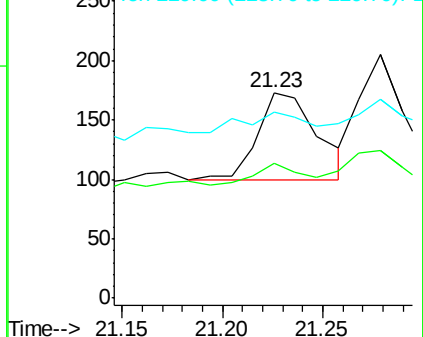
229 90.8 16.4 24.6#

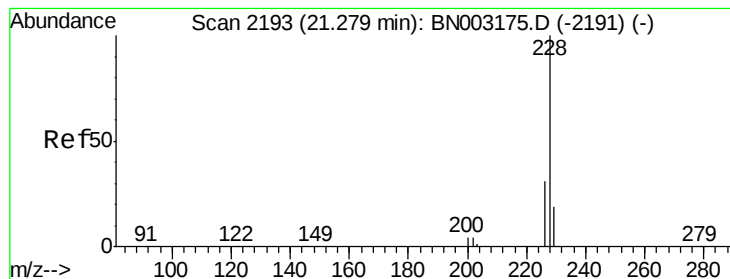


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.005 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

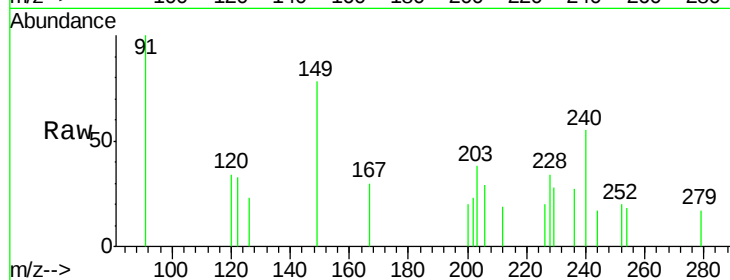
Tgt Ion: 228 Resp: 169

Ion Ratio Lower Upper

228 100

226 60.5 23.1 34.7#

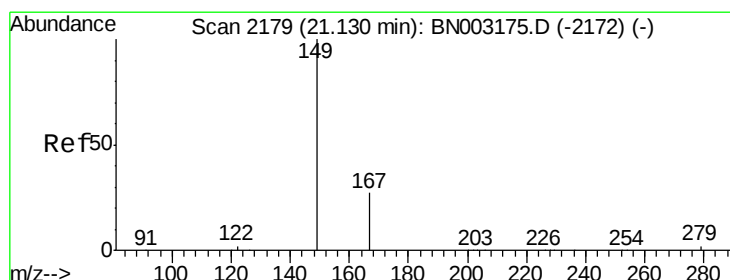
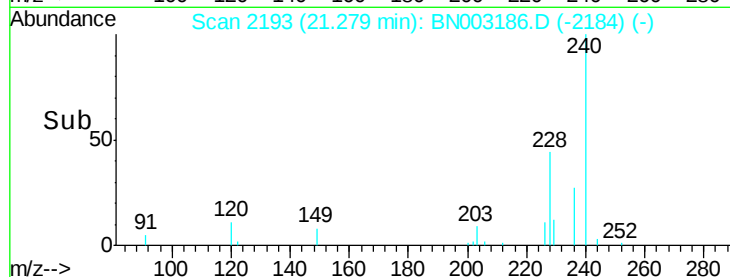
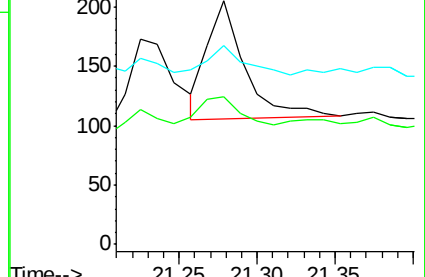
229 81.5 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 21.13 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

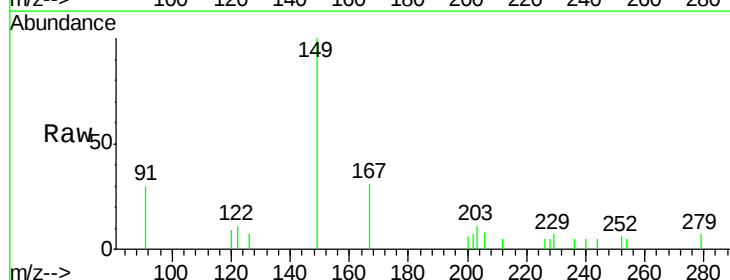
Tgt Ion: 149 Resp: 1856

Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.4

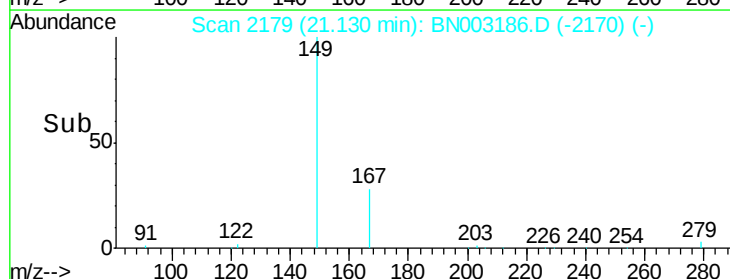
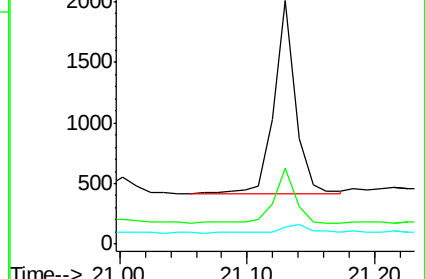
279 6.7 3.7 5.5#

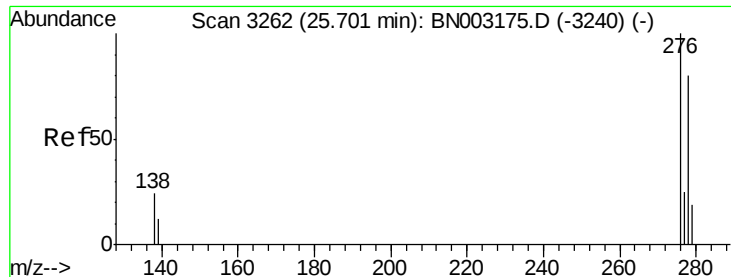


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

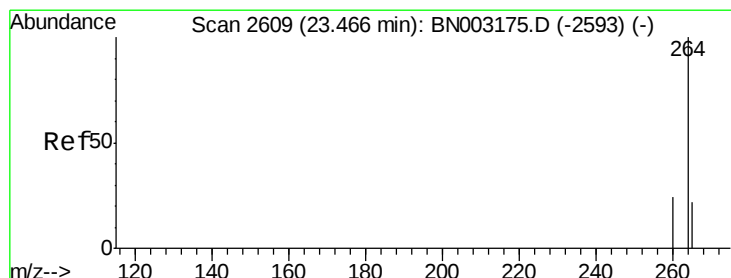
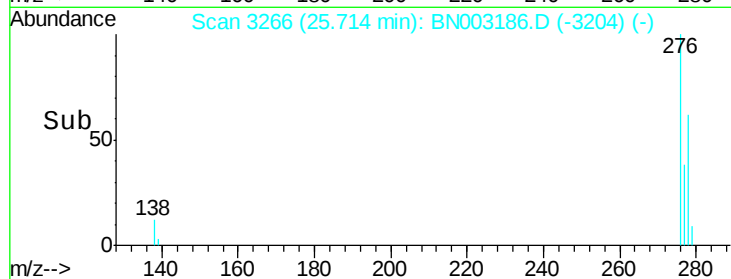
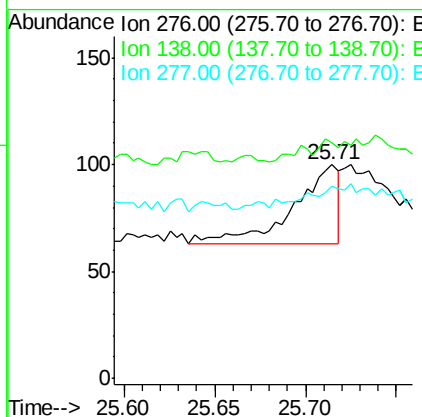
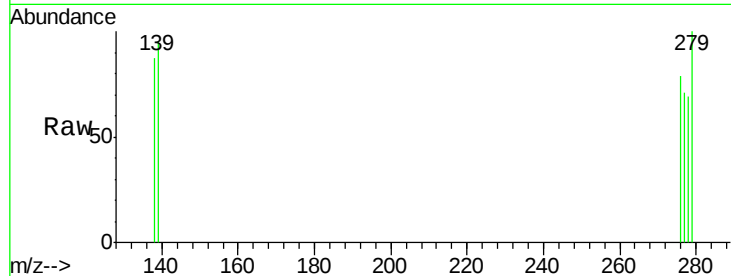




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.001 ng
 RT: 25.71 min Scan# 3266
 Delta R.T. 0.01 min
 Lab File: BN003186.D
 Acq: 17 Oct 2018 18:53

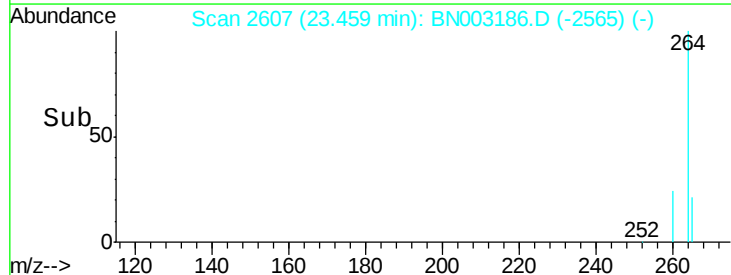
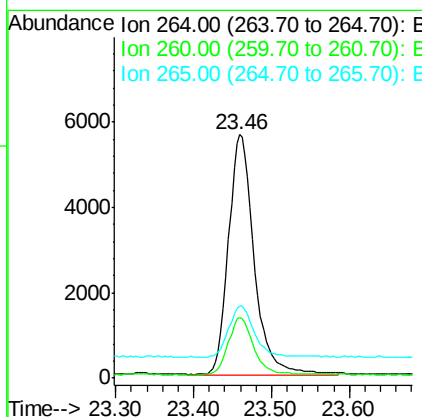
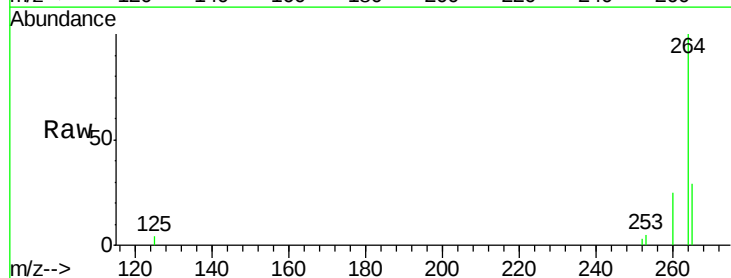
Instrument :
 BNA_N
 ClientSampleId :
 TW-2

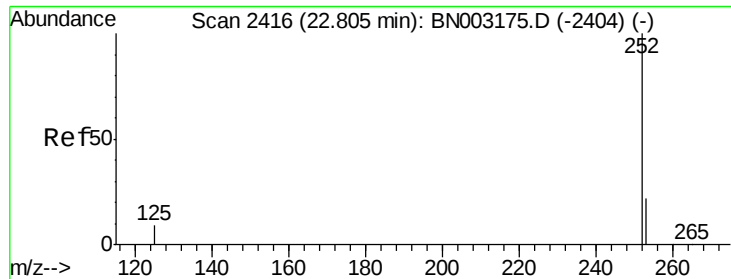
Tgt Ion: 276 Resp: 65
 Ion Ratio Lower Upper
 276 100
 138 7.7 18.2 27.4#
 277 21.5 20.2 30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BN003186.D
 Acq: 17 Oct 2018 18:53

Tgt Ion: 264 Resp: 12879
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.7 29.5
 265 29.5 27.6 41.4





#35

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 22.82 min Scan# 2419

Delta R.T. 0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampled :

TW-2

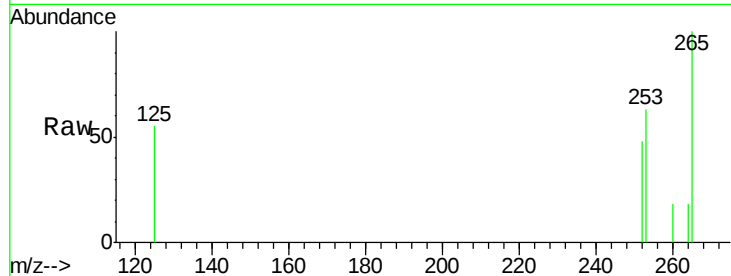
Tgt Ion:252 Resp: 181

Ion Ratio Lower Upper

252 100

253 131.1 20.8 31.2#

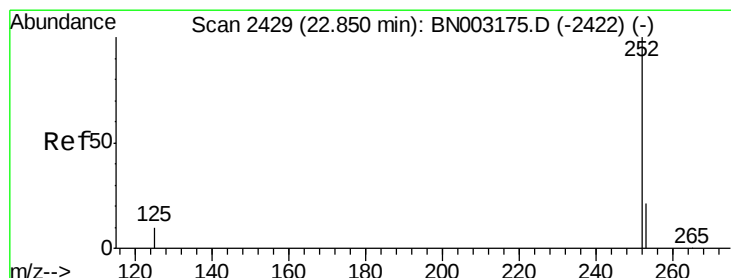
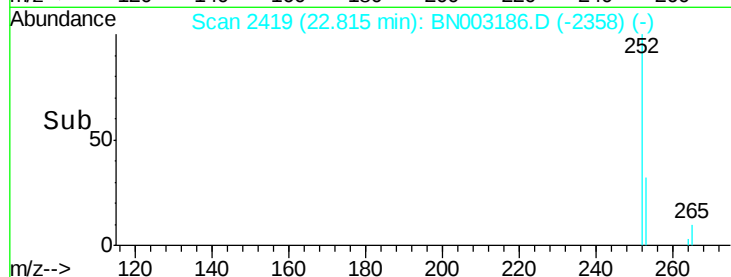
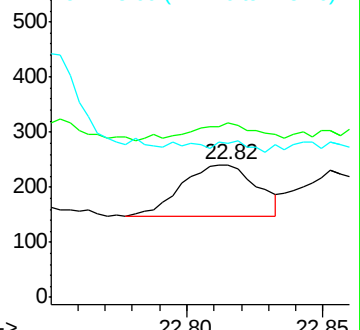
125 115.8 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 22.85 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

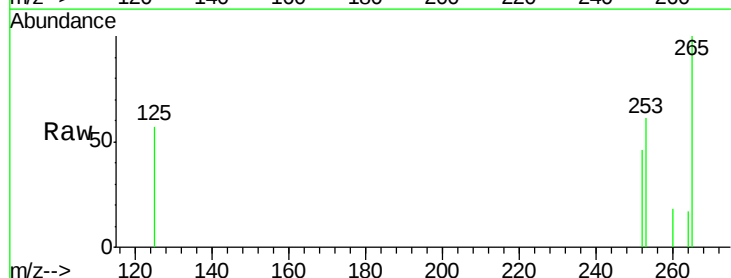
Tgt Ion:252 Resp: 149

Ion Ratio Lower Upper

252 100

253 132.2 20.5 30.7#

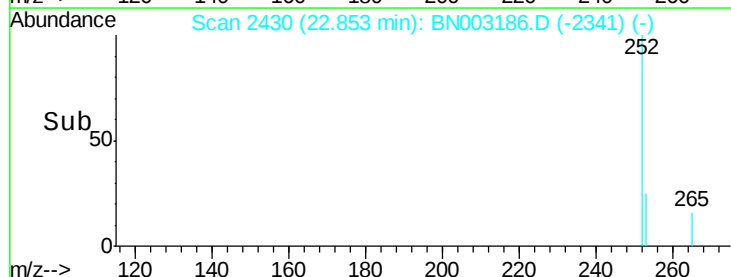
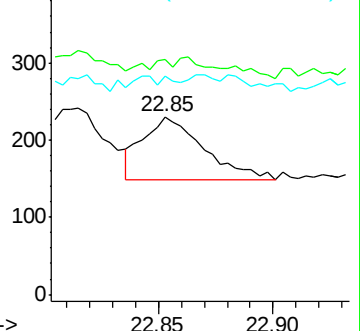
125 123.0 9.4 14.0#

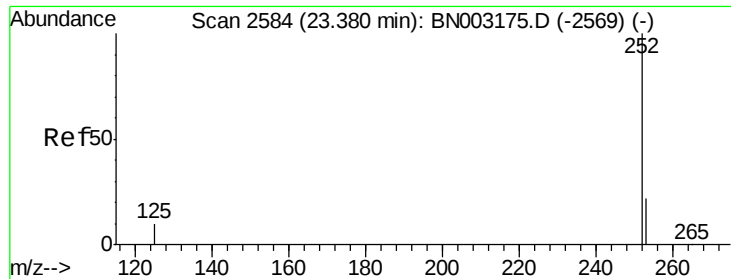


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.003 ng

RT: 23.38 min Scan# 2585

Delta R.T. 0.00 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2

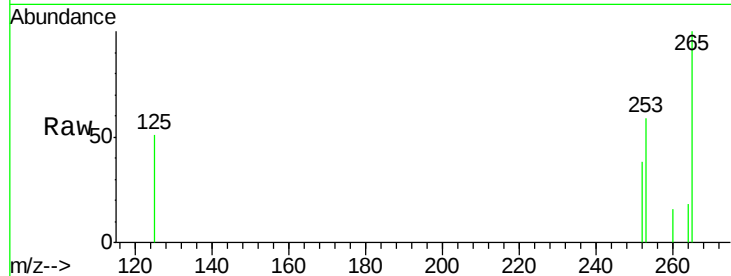
Tgt Ion:252 Resp: 93

Ion Ratio Lower Upper

252 100

253 155.3 22.4 33.6#

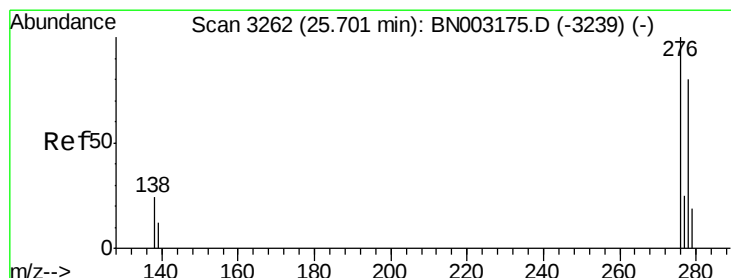
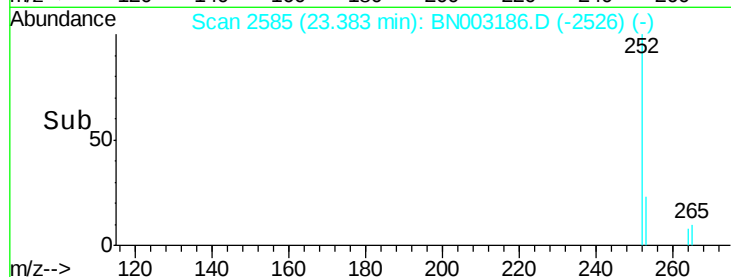
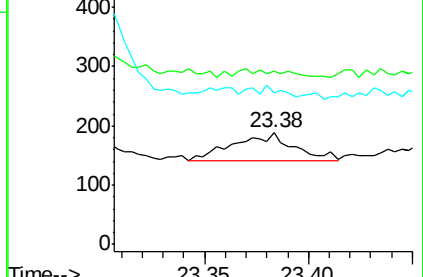
125 135.6 11.4 17.0#



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: 0.001 ng

RT: 25.71 min Scan# 3264

Delta R.T. 0.01 min

Lab File: BN003186.D

Acq: 17 Oct 2018 18:53

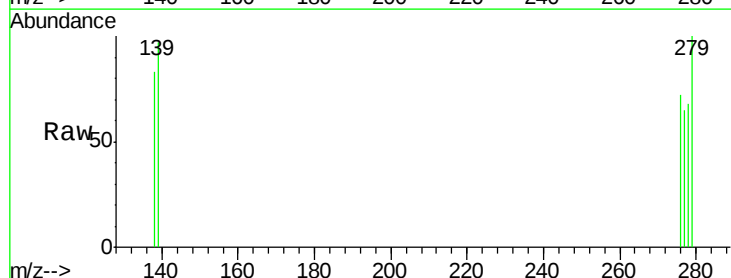
Tgt Ion:278 Resp: 53

Ion Ratio Lower Upper

278 100

139 143.2 14.6 21.8#

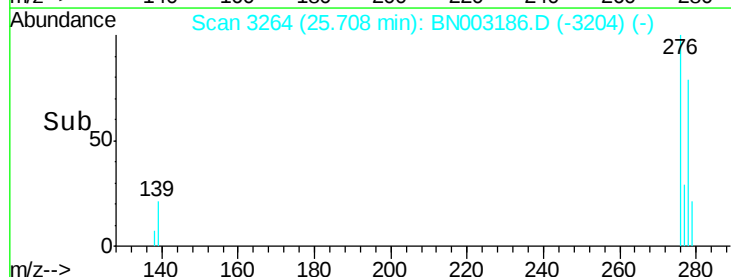
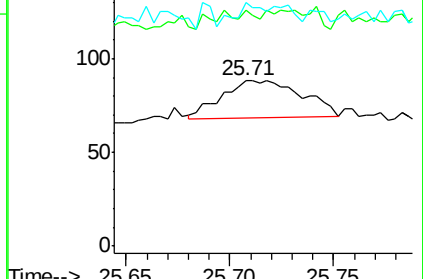
279 147.7 23.1 34.7#

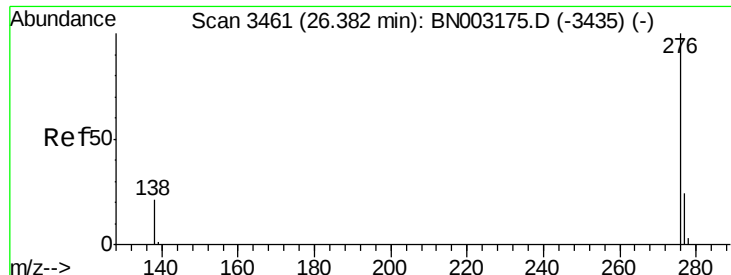


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.003 ng

RT: 26.40 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BN003186.D

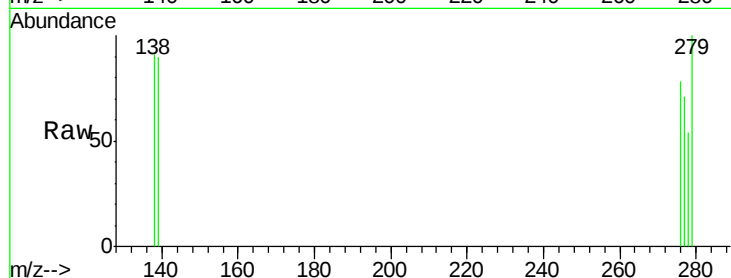
Acq: 17 Oct 2018 18:53

Instrument :

BNA_N

ClientSampleId :

TW-2



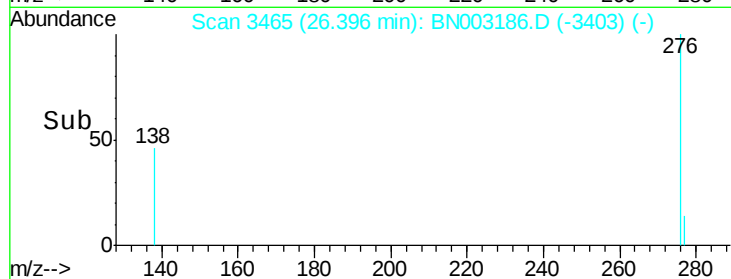
Tgt Ion: 276 Resp: 101

Ion Ratio Lower Upper

276 100

277 90.4 21.0 31.4#

138 116.0 18.1 27.1#



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

