

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
 Data File : BN003196.D
 Acq On : 18 Oct 2018 00:43
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 18 15:41:21 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	936	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	4308	0.40	ng	0.01
13) Acenaphthene-d10	14.28	164	3106	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	8022	0.40	ng	0.00
27) Chrysene-d12	21.25	240	9918	0.40	ng	0.00
34) Perylene-d12	23.47	264	10397	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	791	0.38	ng	0.02
5) Phenol-d6	6.96	99	1093	0.37	ng	0.02
8) Nitrobenzene-d5	8.89	82	1039	0.37	ng	0.03
11) 2-Methylnaphthalene-d10	12.05	152	3123	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	779	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	4861	0.40	ng	0.00
25) Fluoranthene-d10	19.08	212	10494	0.42	ng	0.00
29) Terphenyl-d14	19.68	244	8923	0.42	ng	0.00

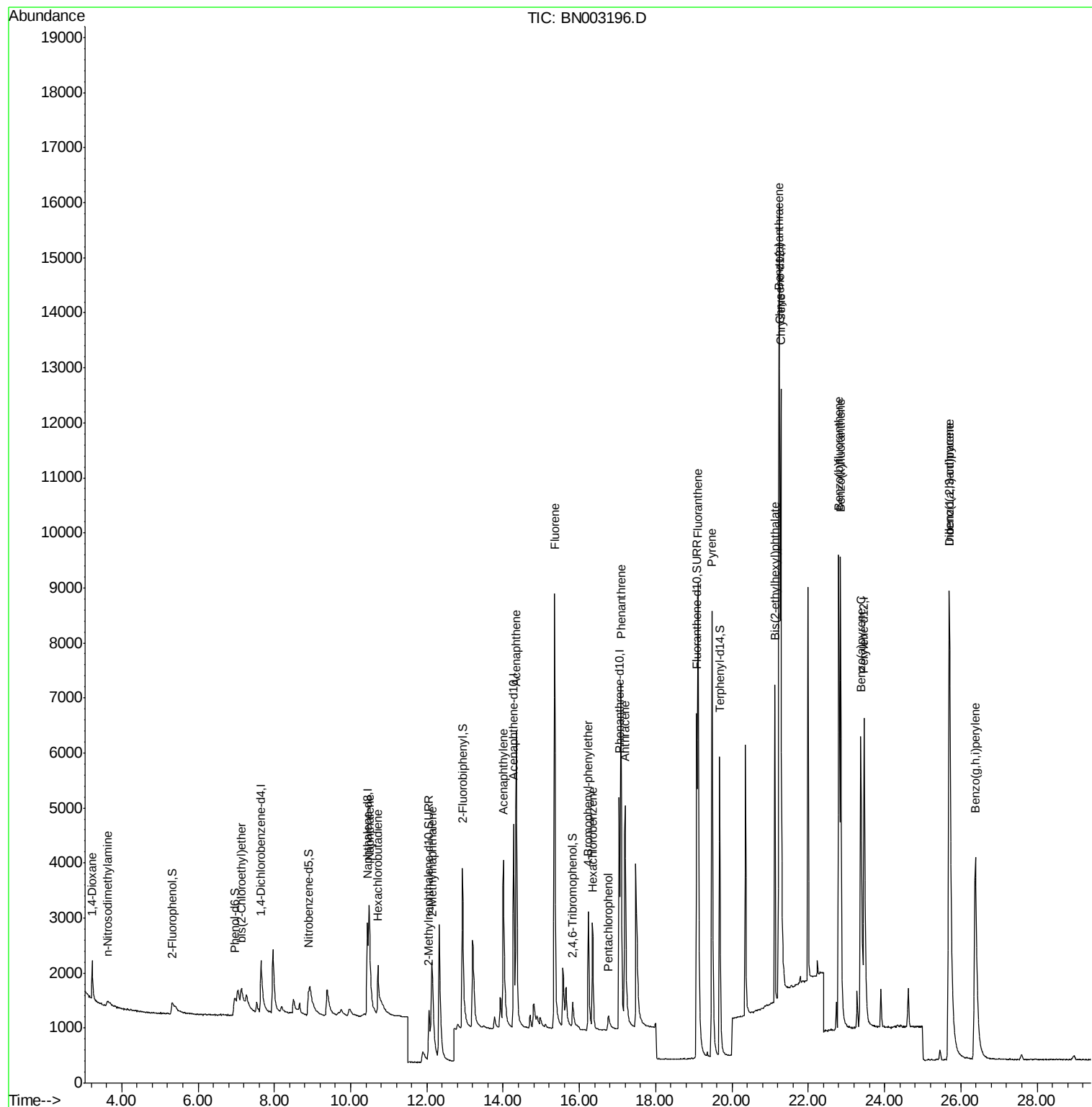
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	643	0.485	ng	95
3) n-Nitrosodimethylamine	3.63	42	95	0.276	ng	# 25
6) bis(2-Chloroethyl)ether	7.13	93	951	0.385	ng	96
9) Naphthalene	10.49	128	4584	0.427	ng	95
10) Hexachlorobutadiene	10.72	225	911	0.434	ng	# 97
12) 2-Methylnaphthalene	12.14	142	3184	0.434	ng	96
16) Acenaphthylene	14.01	152	5861	0.415	ng	99
17) Acenaphthene	14.34	154	3981	0.424	ng	99
18) Fluorene	15.35	166	5164	0.422	ng	99
20) 4-Bromophenyl-phenylether	16.23	248	1789	0.399	ng	92
21) Hexachlorobenzene	16.36	284	2080	0.421	ng	98
22) Pentachlorophenol	16.76	266	344	0.388	ng	93
23) Phenanthrene	17.09	178	8816	0.420	ng	100
24) Anthracene	17.20	178	7971	0.414	ng	100
26) Fluoranthene	19.11	202	11386	0.423	ng	100
28) Pyrene	19.47	202	11951	0.431	ng	100
30) Benzo(a)anthracene	21.24	228	10446	0.392	ng	99
31) Chrysene	21.28	228	13310	0.437	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	6179	0.382	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	14259	0.396	ng	98
35) Benzo(b)fluoranthene	22.80	252	12061	0.429	ng	98
36) Benzo(k)fluoranthene	22.85	252	14220	0.429	ng	98
37) Benzo(a)pyrene	23.38	252	12178	0.421	ng	97
38) Dibenzo(a,h)anthracene	25.70	278	11857	0.401	ng	97
39) Benzo(g,h,i)perylene	26.38	276	12047	0.403	ng	99

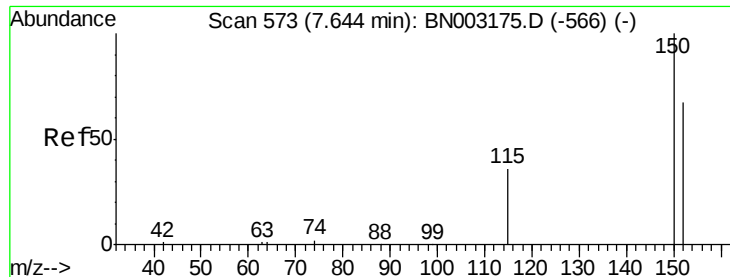
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 18 15:26:23 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.65 min Scan# 574

Delta R.T. 0.01 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

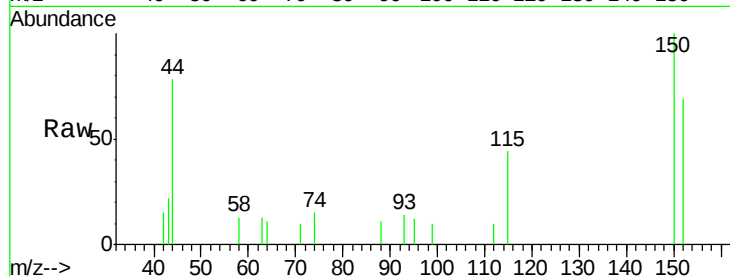
Tgt Ion: 152 Resp: 936

Ion Ratio Lower Upper

152 100

150 144.9 126.2 189.4

115 63.8 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

600

400

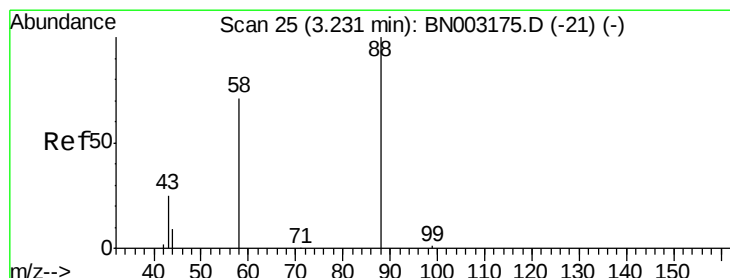
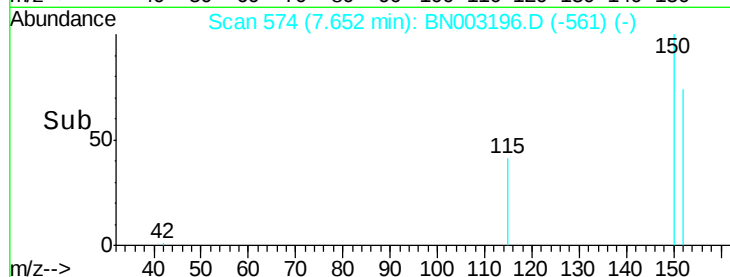
200

0

7.50 7.60 7.70 7.80

7.65

Time-->



#2

1,4-Dioxane

Concen: 0.485 ng

RT: 3.23 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

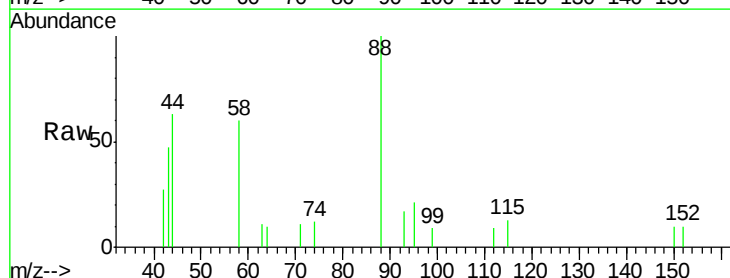
Tgt Ion: 88 Resp: 643

Ion Ratio Lower Upper

88 100

58 78.1 66.7 100.1

43 29.7 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

600

400

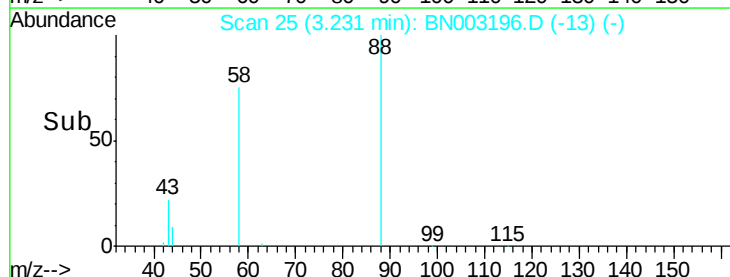
200

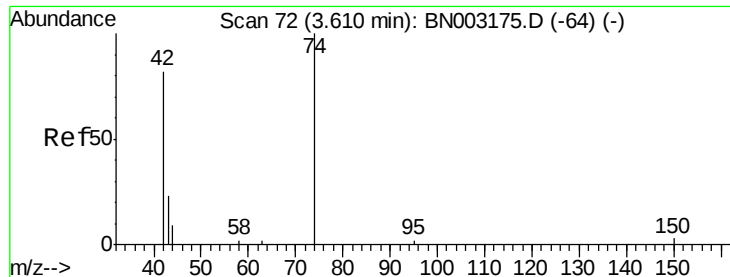
0

3.15 3.20 3.25 3.30

3.23

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.276 ng

RT: 3.63 min Scan# 74

Delta R.T. 0.02 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

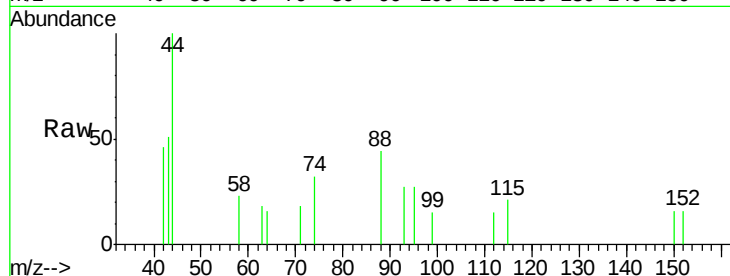
Tgt Ion: 42 Resp: 95

Ion Ratio Lower Upper

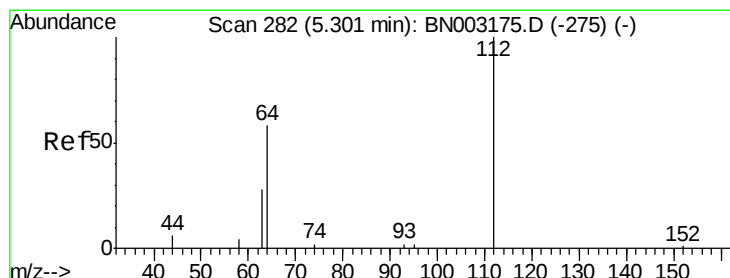
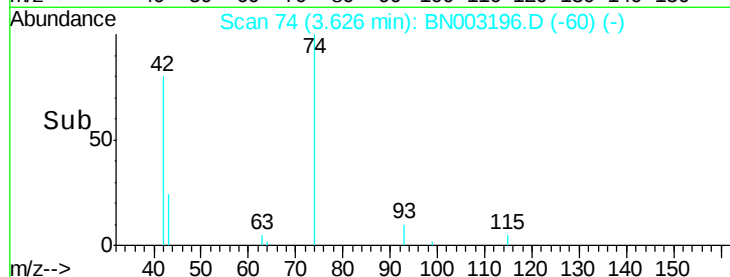
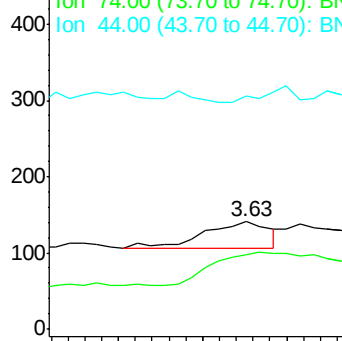
42 100

74 215.8 102.9 154.3#

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: 0.383 ng

RT: 5.32 min Scan# 285

Delta R.T. 0.02 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

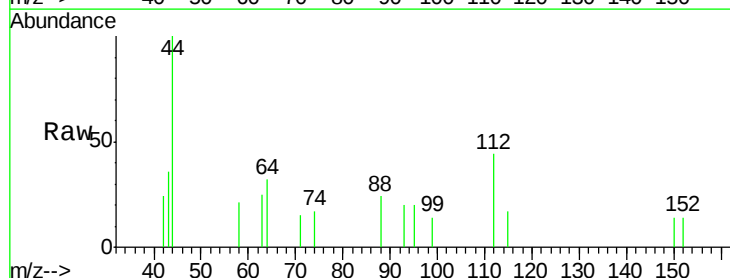
Tgt Ion: 112 Resp: 791

Ion Ratio Lower Upper

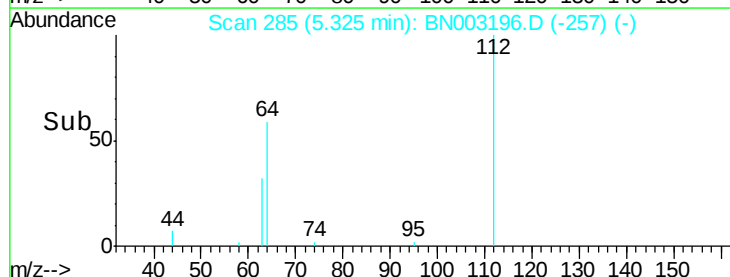
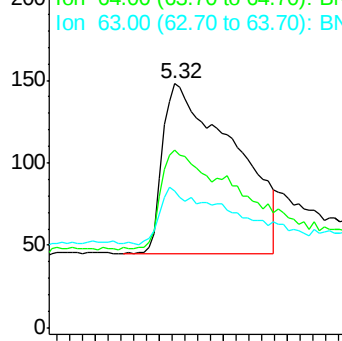
112 100

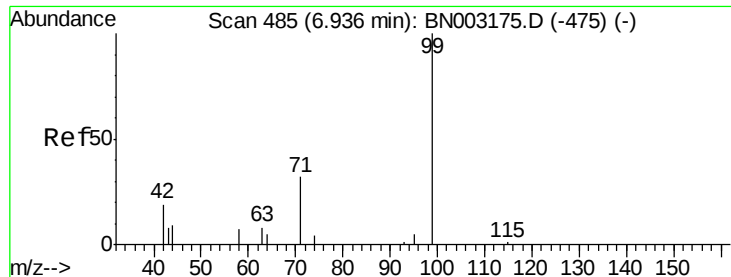
64 35.1 49.0 73.4#

63 31.7 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: 0.371 ng

RT: 6.96 min Scan# 488

Delta R.T. 0.02 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

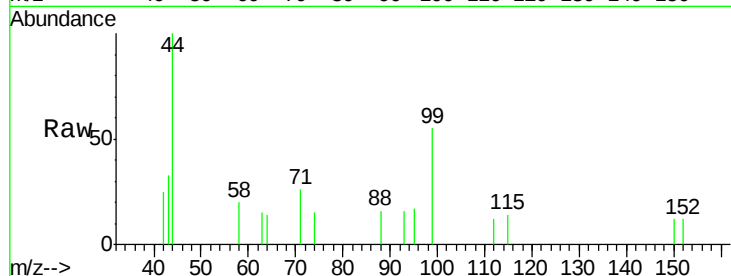
Tgt Ion: 99 Resp: 1093

Ion Ratio Lower Upper

99 100

42 14.2 15.4 23.2#

71 31.8 26.0 39.0



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

6.96

250

200

150

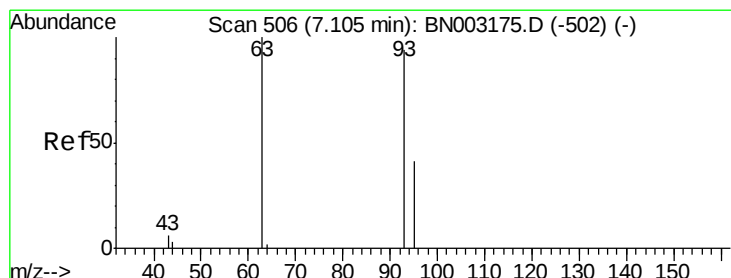
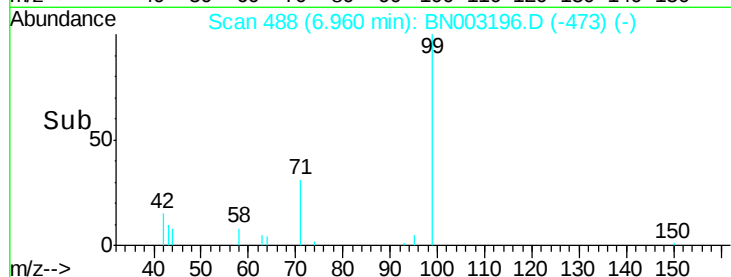
100

50

0

6.80 6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.385 ng

RT: 7.13 min Scan# 509

Delta R.T. 0.02 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

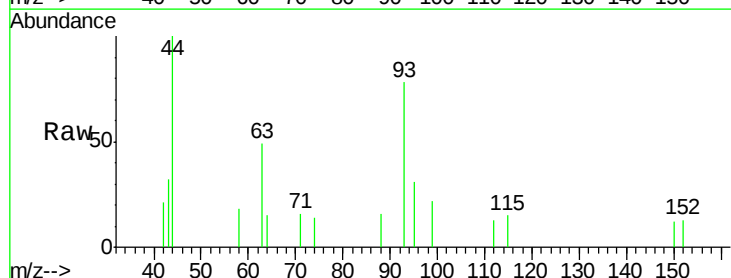
Tgt Ion: 93 Resp: 951

Ion Ratio Lower Upper

93 100

63 63.9 54.2 81.4

95 32.1 24.9 37.3



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

7.13

400

300

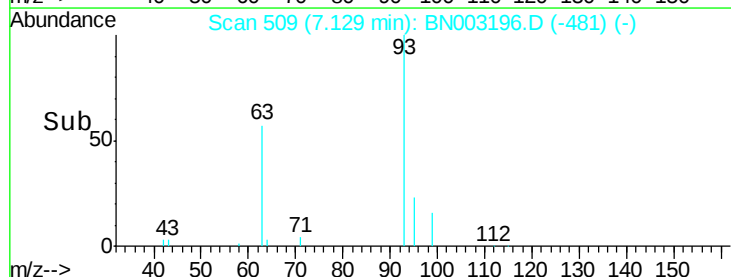
200

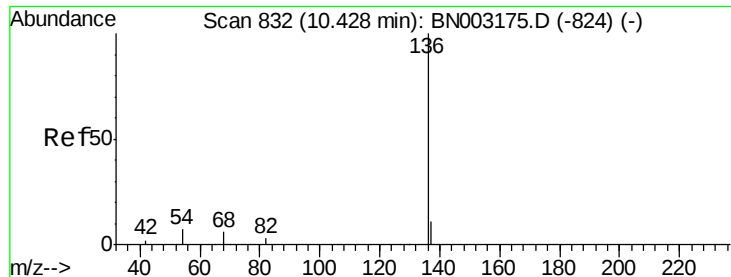
100

0

7.10 7.20 7.30

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 4308

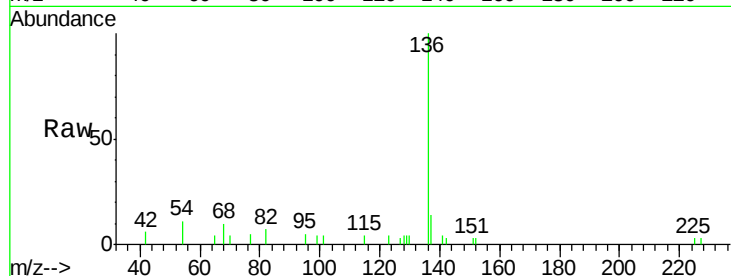
Ion Ratio Lower Upper

136 100

137 13.9 9.4 14.0

54 11.5 7.4 11.0#

68 9.8 5.8 8.6#

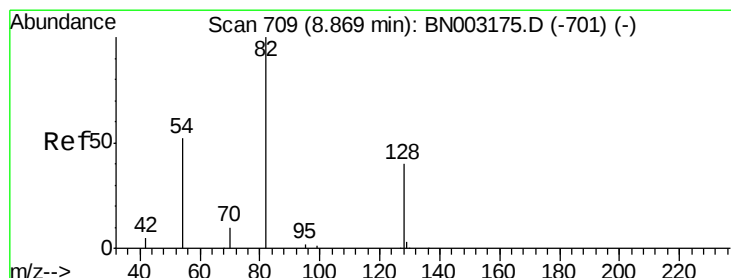
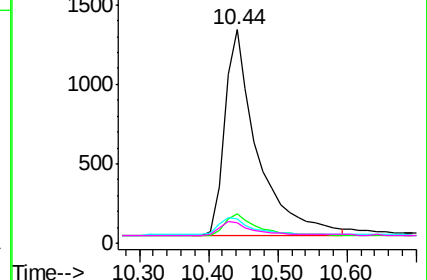
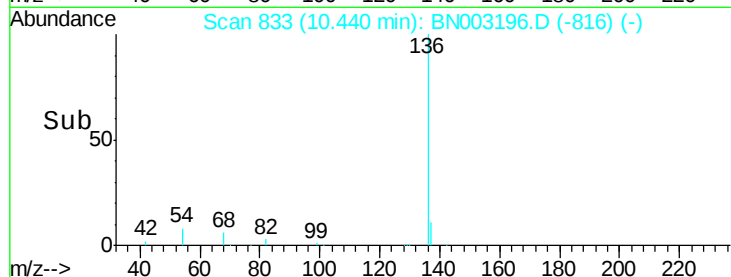


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.375 ng

RT: 8.89 min Scan# 711

Delta R.T. 0.03 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

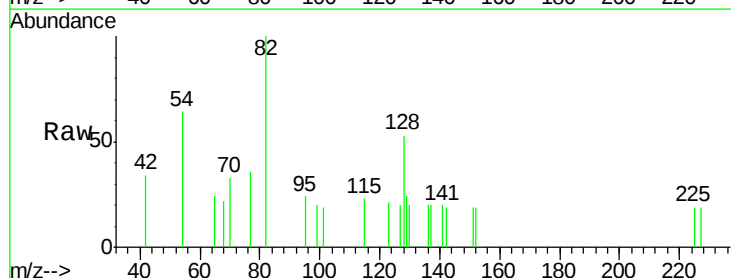
Tgt Ion: 82 Resp: 1039

Ion Ratio Lower Upper

82 100

128 52.7 38.2 57.4

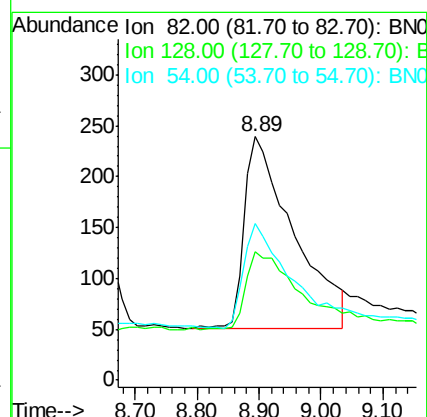
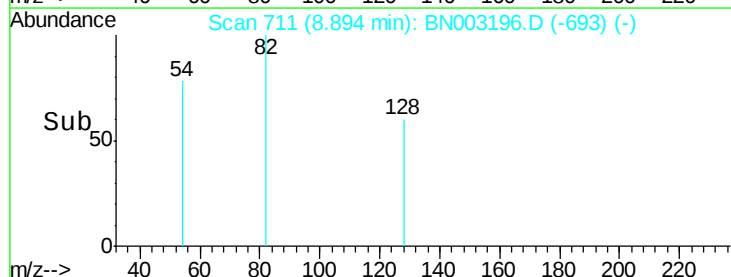
54 64.4 44.1 66.1

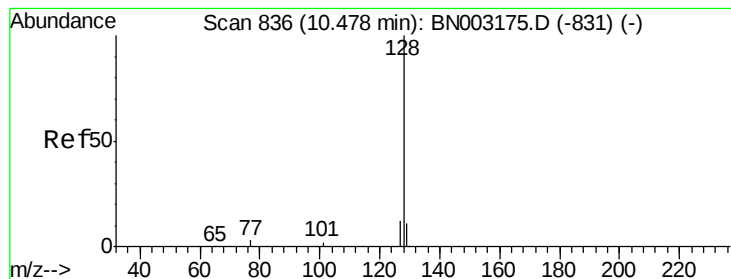


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.427 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

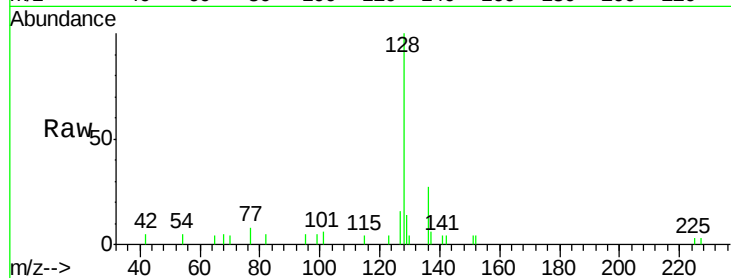
Tgt Ion:128 Resp: 4584

Ion Ratio Lower Upper

128 100

129 14.3 9.8 14.6

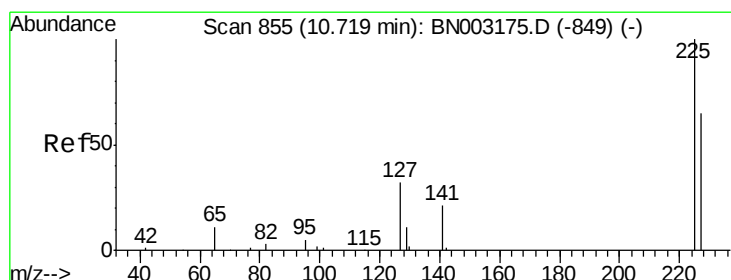
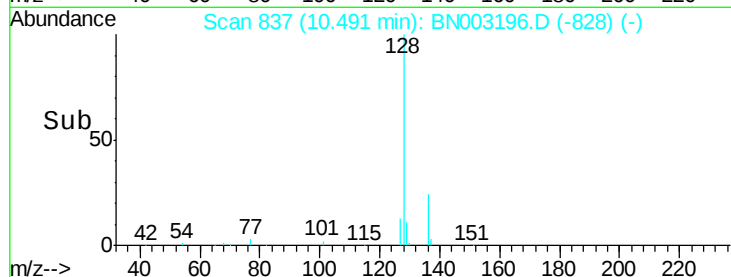
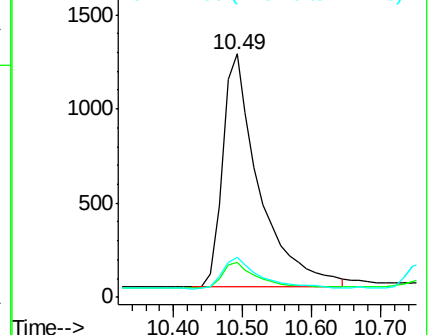
127 16.4 11.4 17.2



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: 0.434 ng

RT: 10.72 min Scan# 855

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

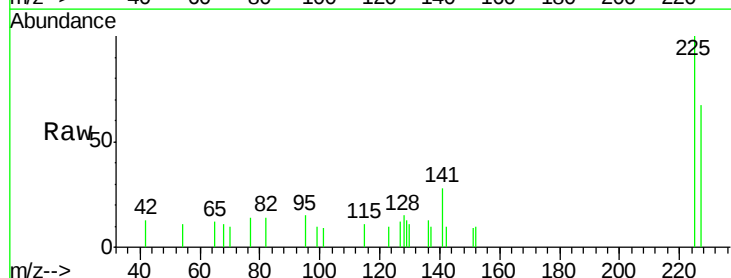
Tgt Ion:225 Resp: 911

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

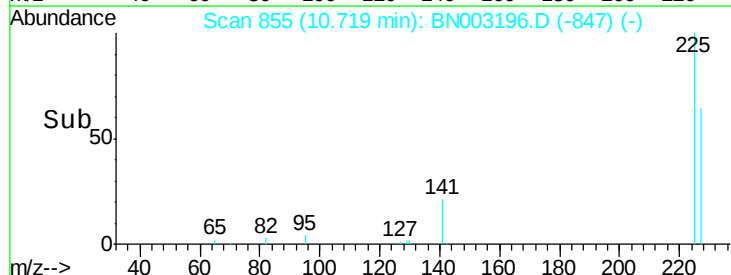
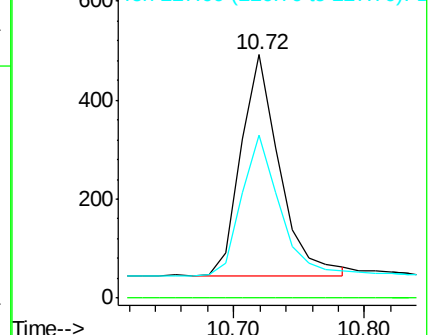
227 62.7 51.8 77.8

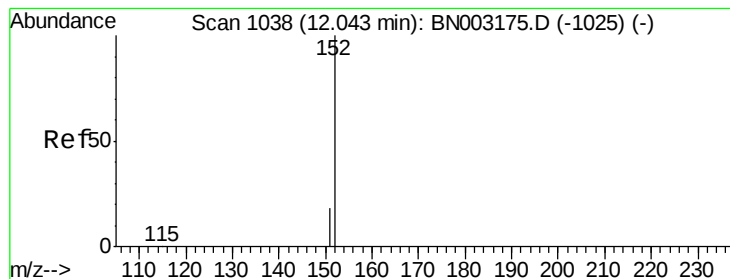


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

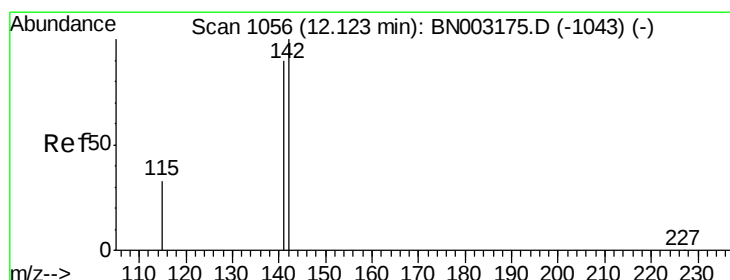
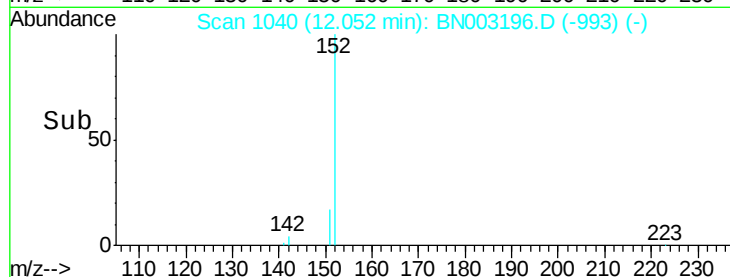
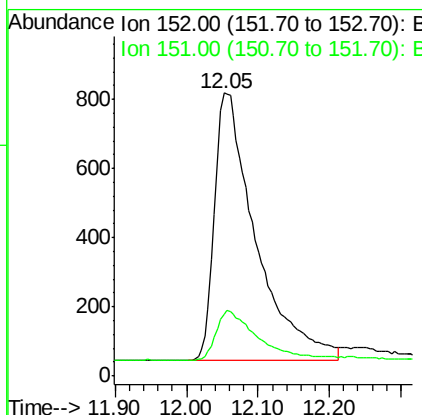
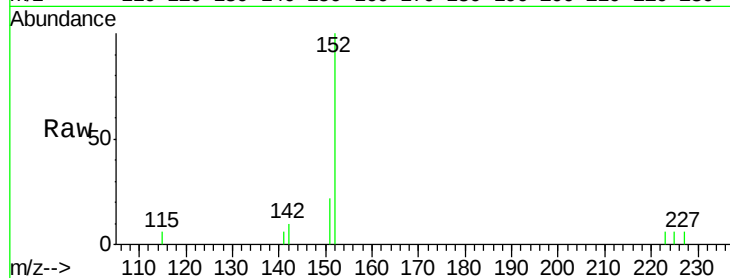




#11
 2-Methylnaphthalene-d10
 Concen: 0.428 ng
 RT: 12.05 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BN003196.D
 Acq: 18 Oct 2018 00:43

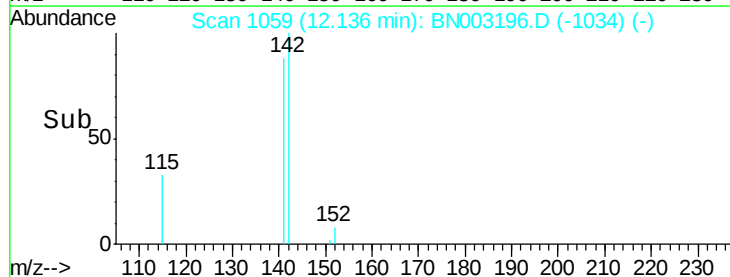
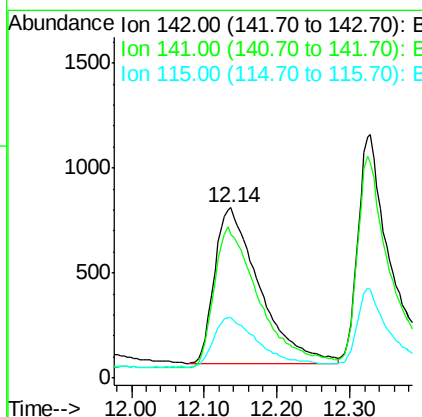
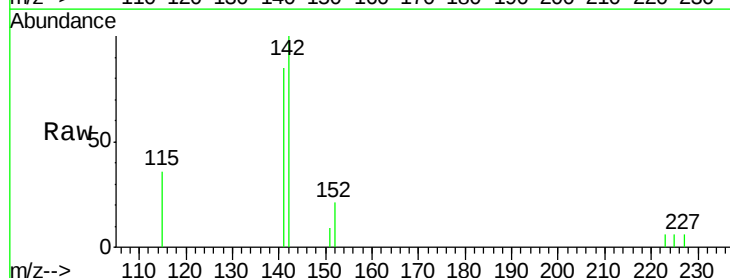
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

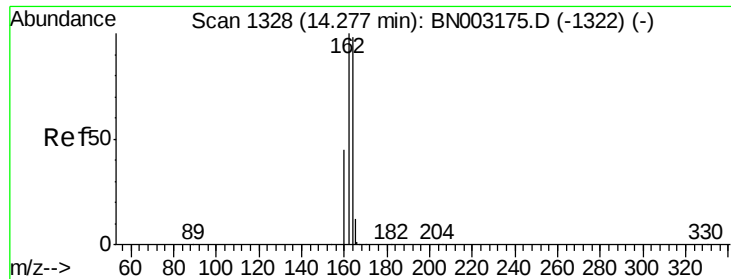
Tgt Ion:152 Resp: 3123
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.434 ng
 RT: 12.14 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BN003196.D
 Acq: 18 Oct 2018 00:43

Tgt Ion:142 Resp: 3184
 Ion Ratio Lower Upper
 142 100
 141 84.8 71.5 107.3
 115 35.9 28.1 42.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.28 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

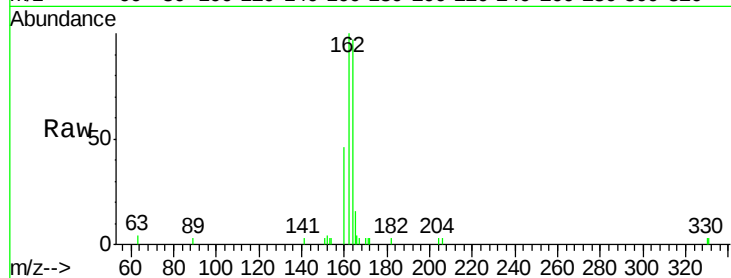
Tgt Ion:164 Resp: 3106

Ion Ratio Lower Upper

164 100

162 102.8 81.7 122.5

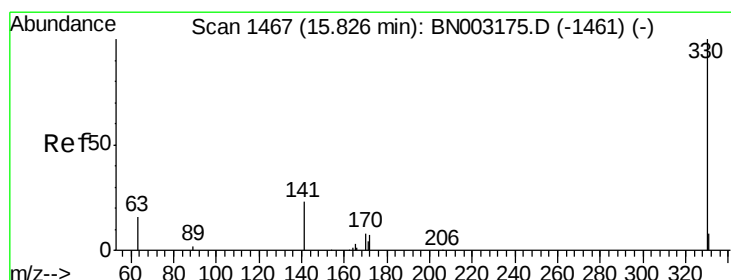
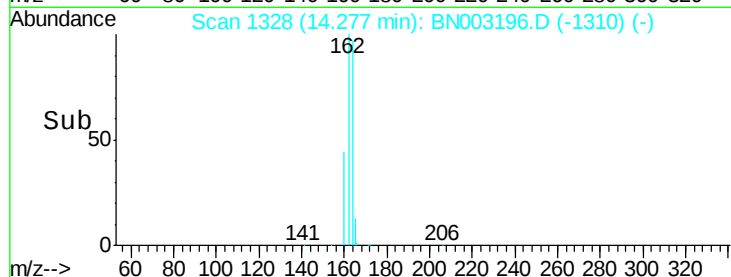
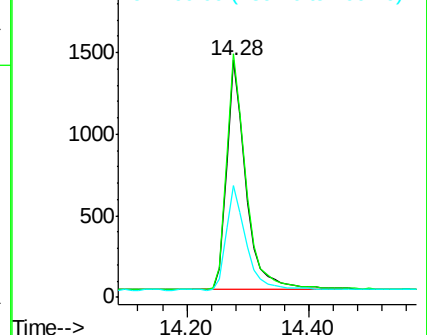
160 47.3 36.3 54.5



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: 0.393 ng

RT: 15.83 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

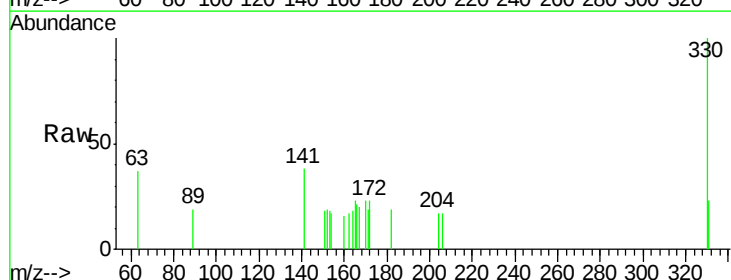
Tgt Ion:330 Resp: 779

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

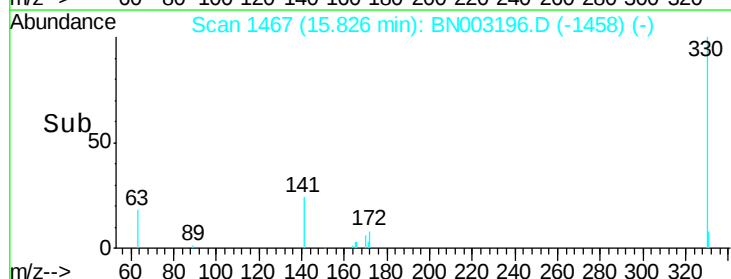
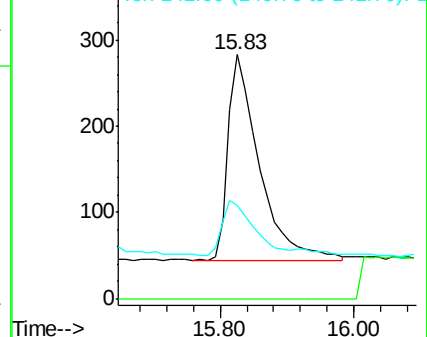
141 26.8 22.6 33.8

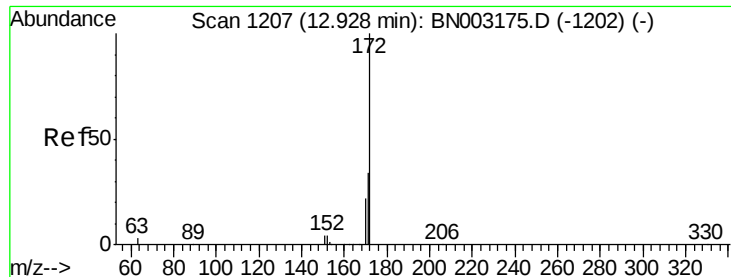


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

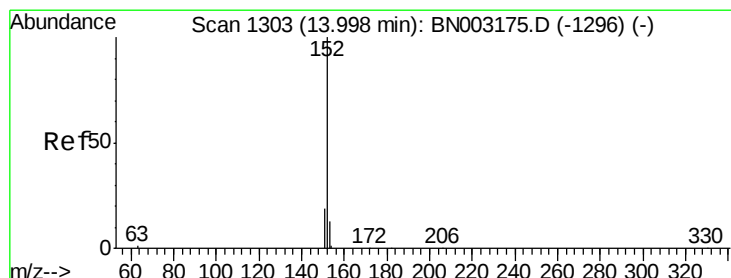
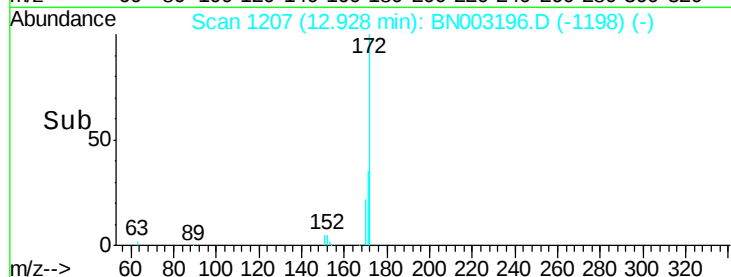
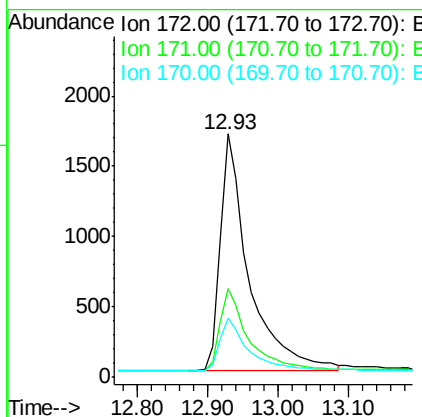
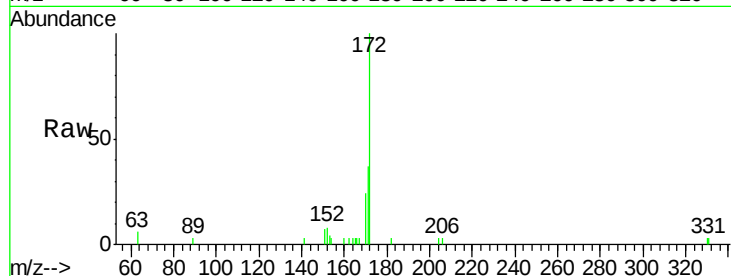




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BN003196.D
Acq: 18 Oct 2018 00:43

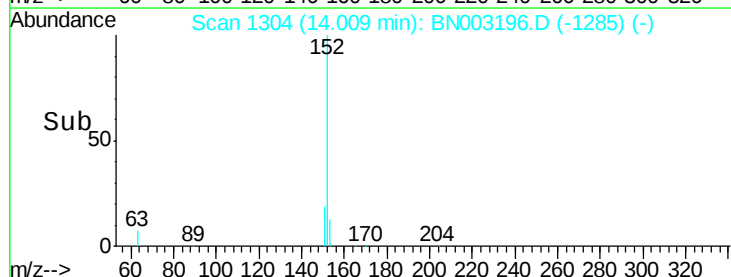
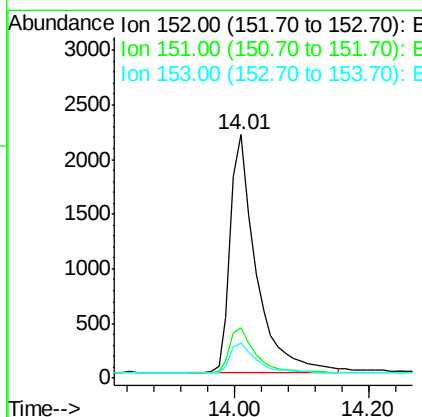
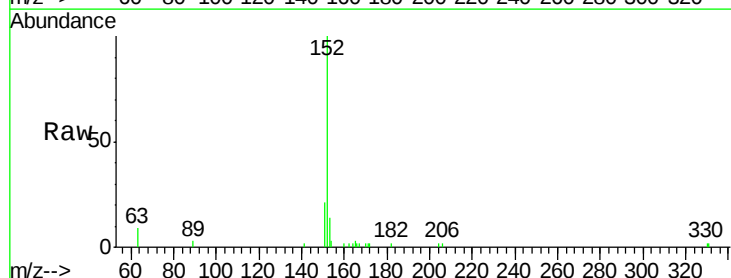
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

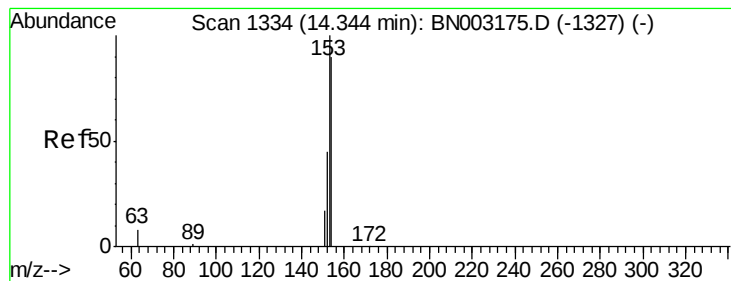
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.4	18.6	27.8



#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.01 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BN003196.D
Acq: 18 Oct 2018 00:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	12.7	10.6	16.0





#17

Acenaphthene

Concen: 0.424 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

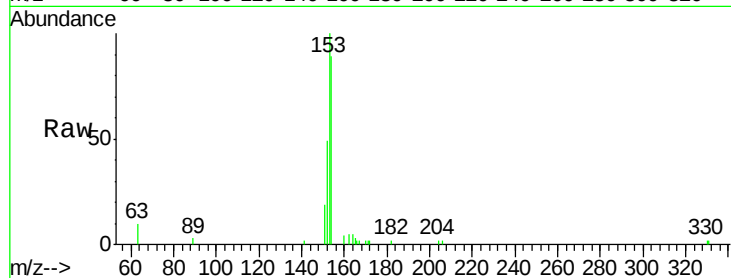
Tgt Ion:154 Resp: 3981

Ion Ratio Lower Upper

154 100

153 113.7 91.0 136.4

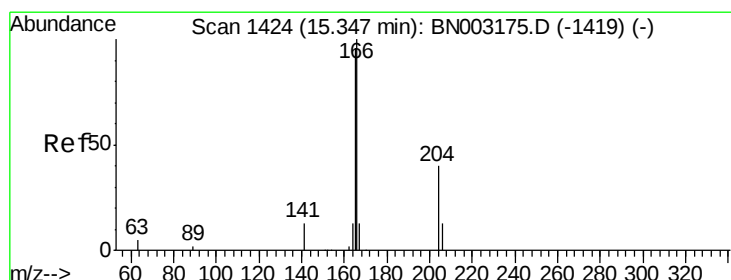
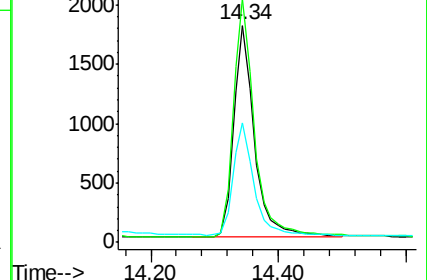
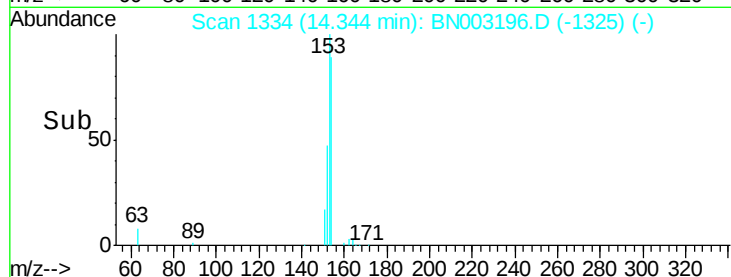
152 52.3 43.8 65.6



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: 0.422 ng

RT: 15.35 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

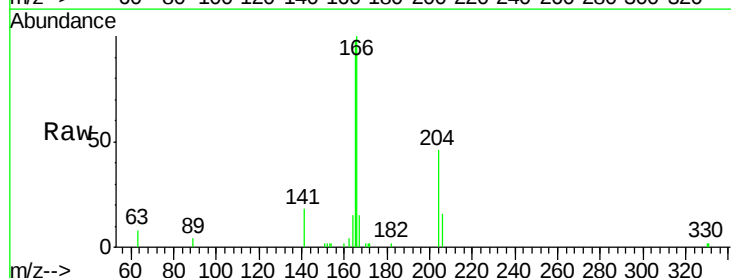
Tgt Ion:166 Resp: 5164

Ion Ratio Lower Upper

166 100

165 98.7 78.2 117.2

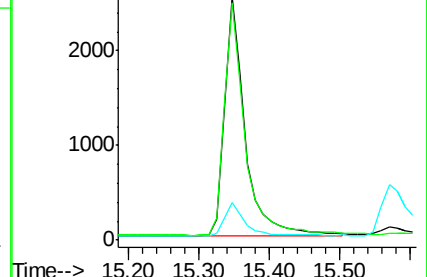
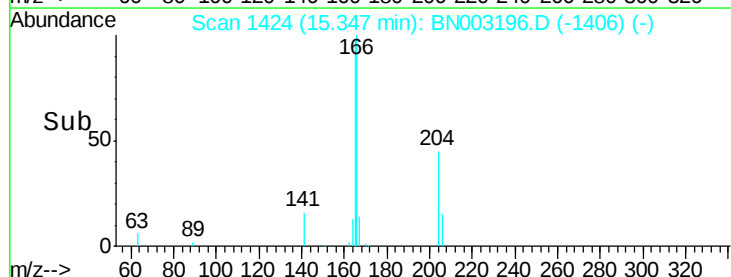
167 14.1 10.7 16.1

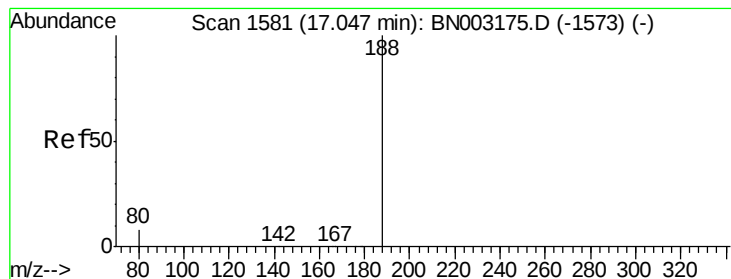


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.05 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

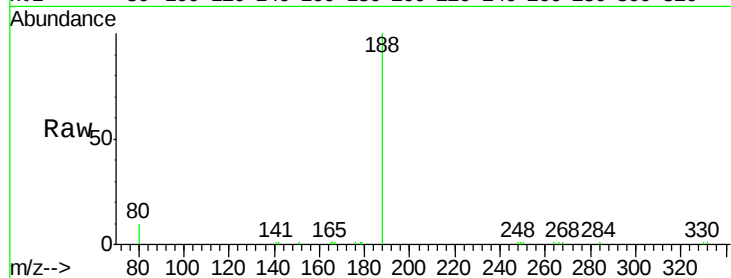
Tgt Ion:188 Resp: 8022

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

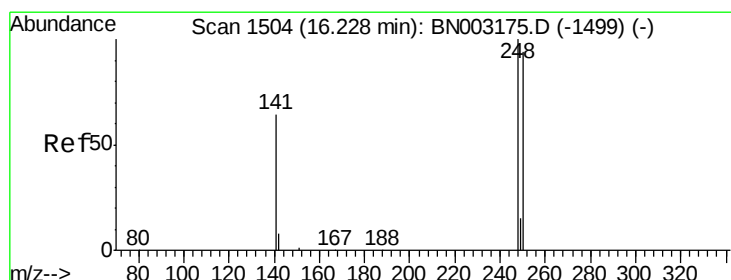
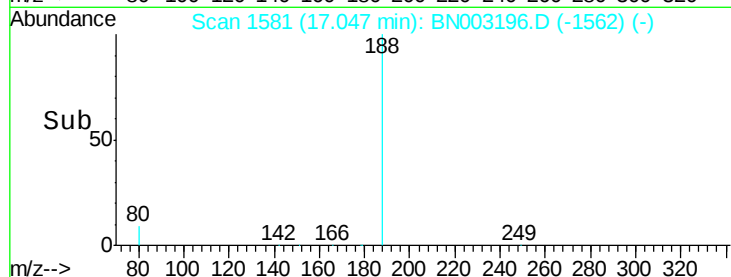
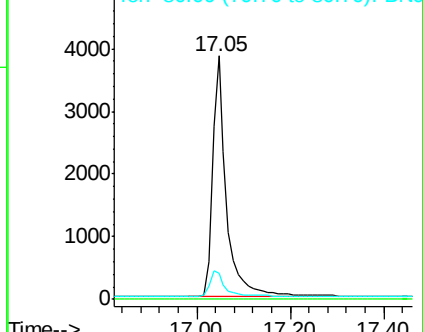
80 10.4 6.7 10.1#



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: 0.399 ng

RT: 16.23 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

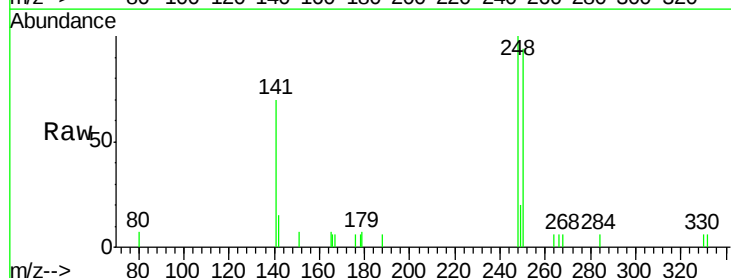
Tgt Ion:248 Resp: 1789

Ion Ratio Lower Upper

248 100

250 94.3 78.9 118.3

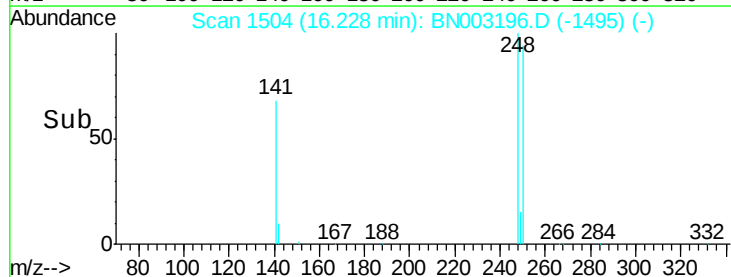
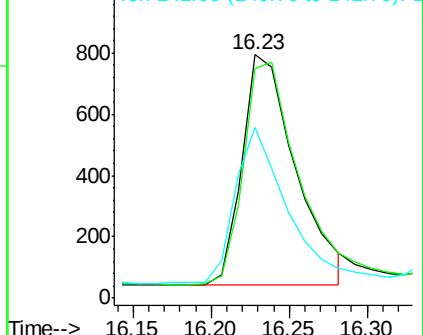
141 70.3 48.5 72.7

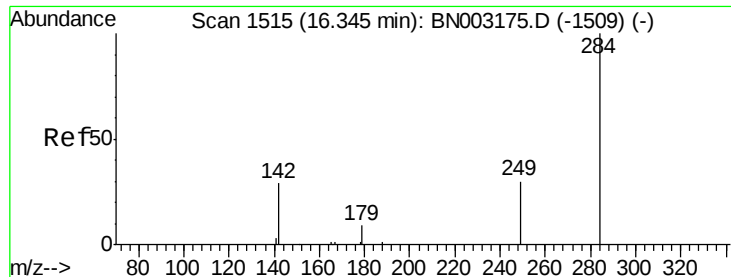


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.421 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.01 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

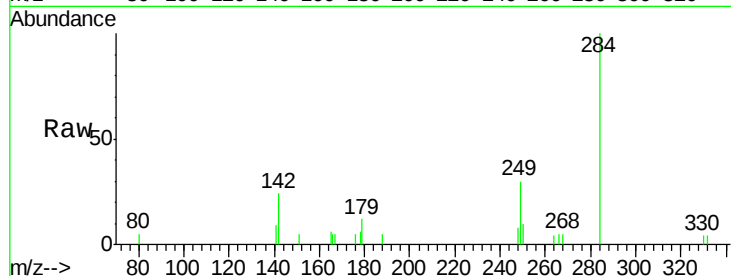
Tgt Ion:284 Resp: 2080

Ion Ratio Lower Upper

284 100

142 29.7 24.6 37.0

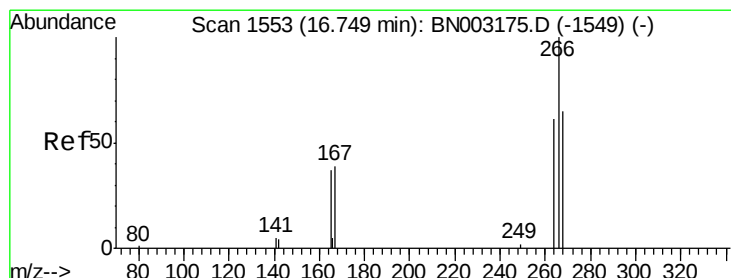
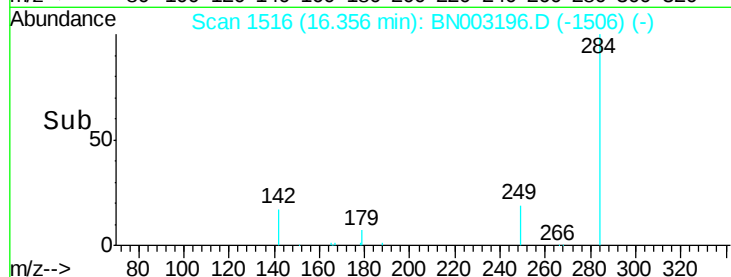
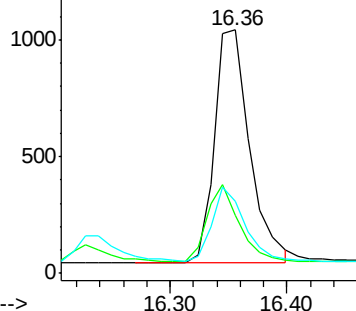
249 28.7 22.3 33.5



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: 0.388 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

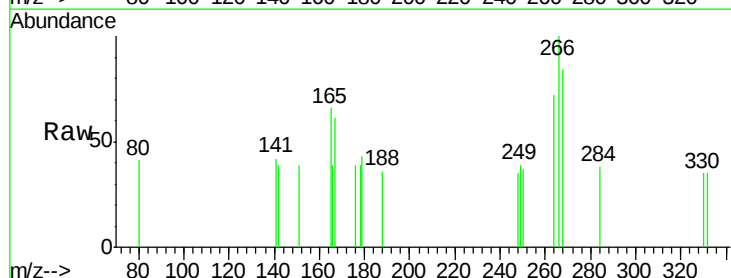
Tgt Ion:266 Resp: 344

Ion Ratio Lower Upper

266 100

264 71.7 55.0 82.4

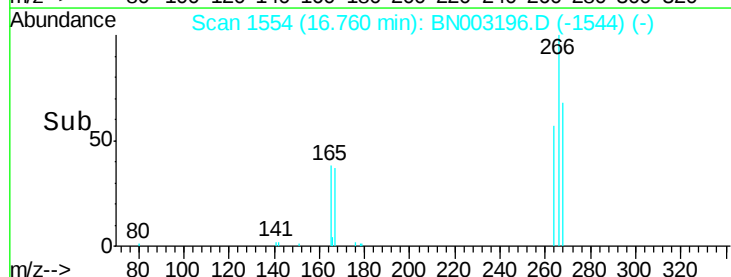
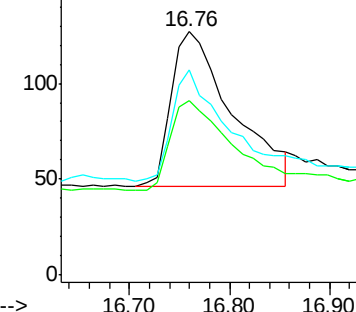
268 84.3 60.6 91.0

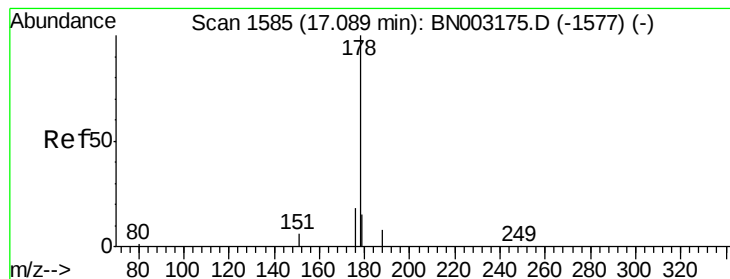


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.420 ng

RT: 17.09 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

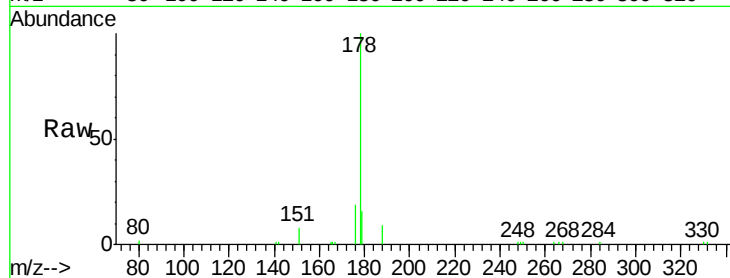
Tgt Ion:178 Resp: 8816

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

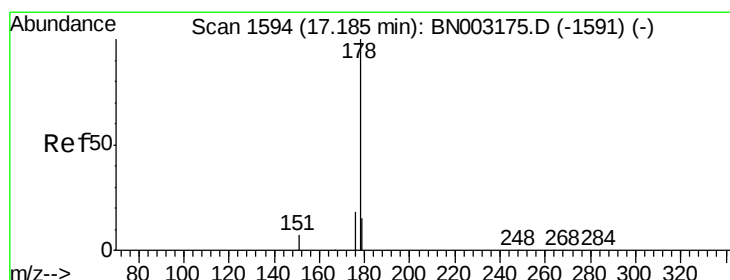
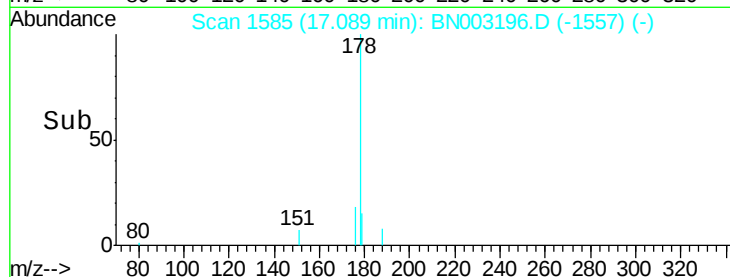
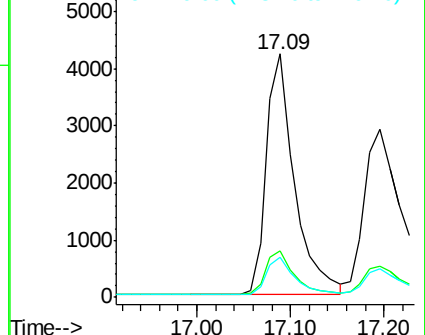
179 15.4 12.3 18.5



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: 0.414 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

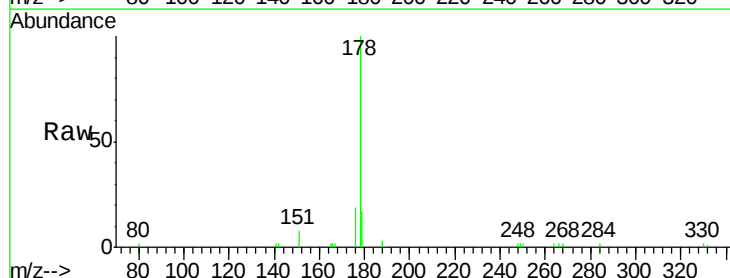
Tgt Ion:178 Resp: 7971

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

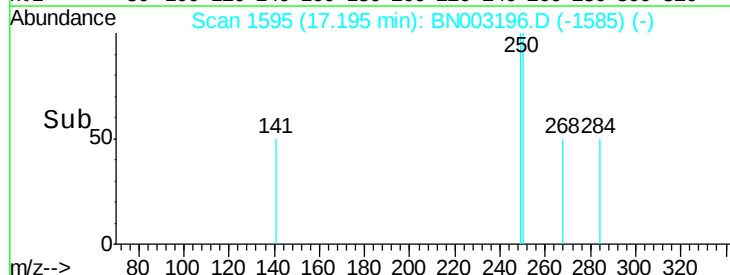
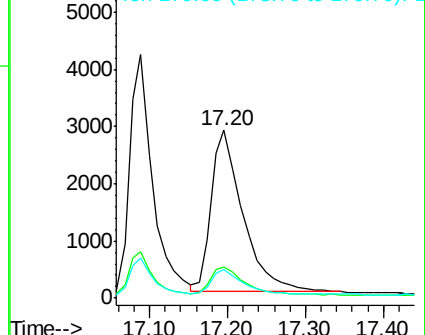
179 15.5 12.3 18.5

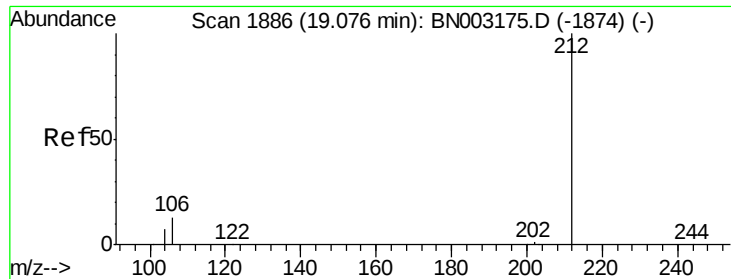


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.422 ng

RT: 19.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

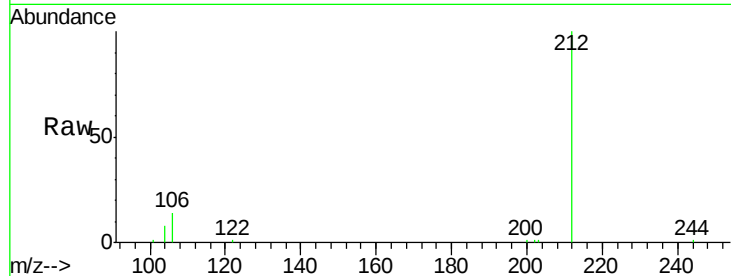
Tgt Ion:212 Resp: 10494

Ion Ratio Lower Upper

212 100

106 13.2 10.2 15.4

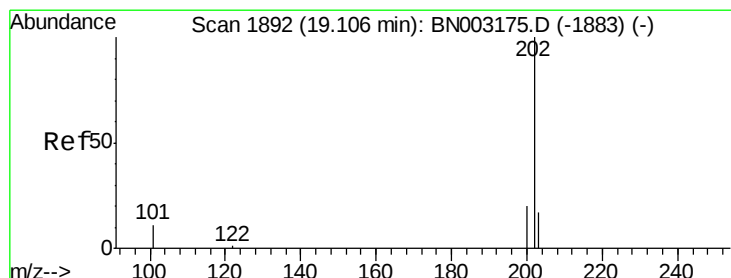
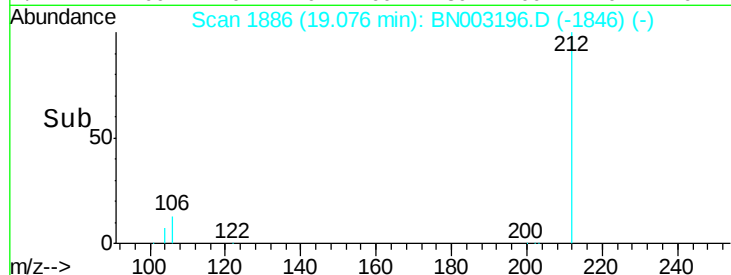
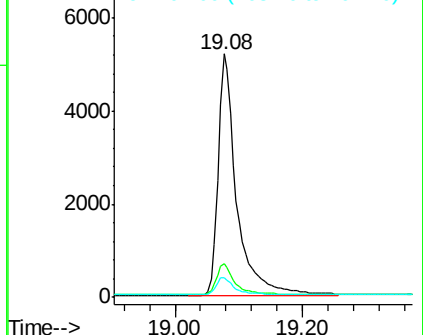
104 7.3 5.8 8.6



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: 0.423 ng

RT: 19.11 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

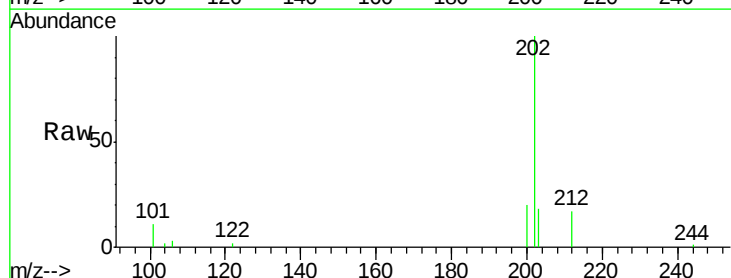
Tgt Ion:202 Resp: 11386

Ion Ratio Lower Upper

202 100

101 11.0 8.6 12.8

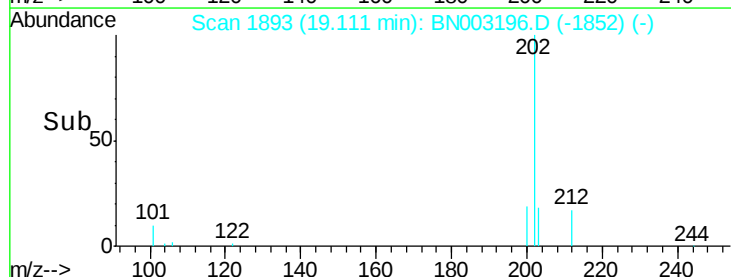
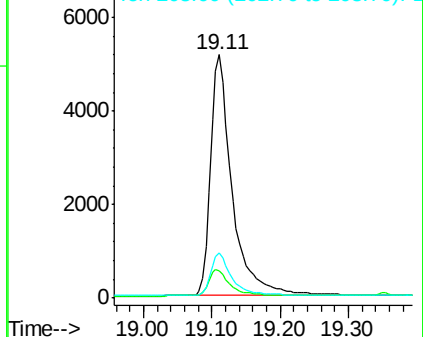
203 17.1 13.7 20.5

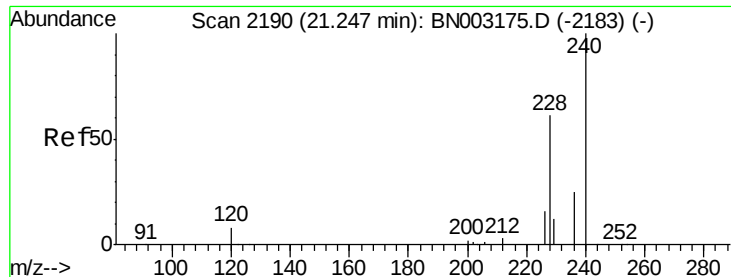


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

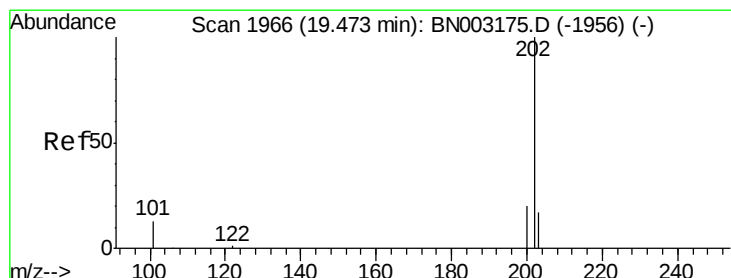
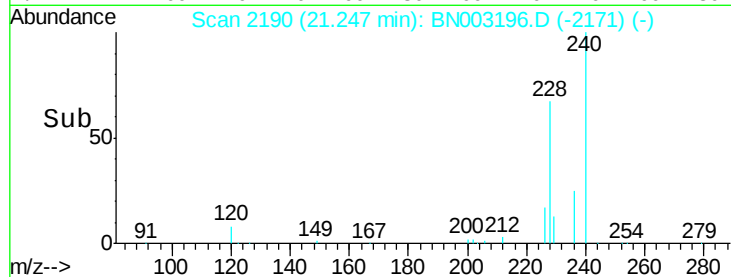
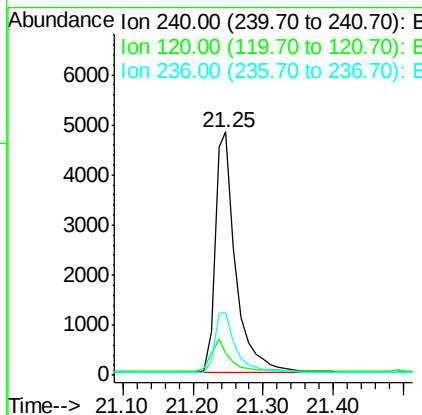
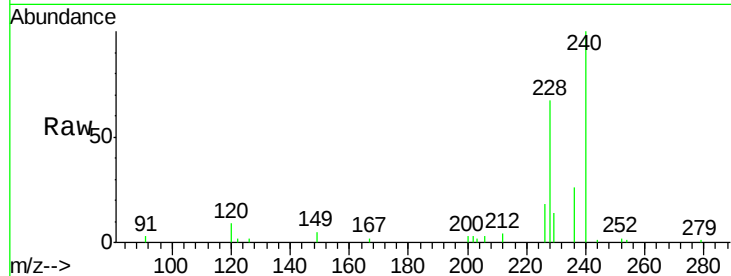




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BN003196.D
Acq: 18 Oct 2018 00:43

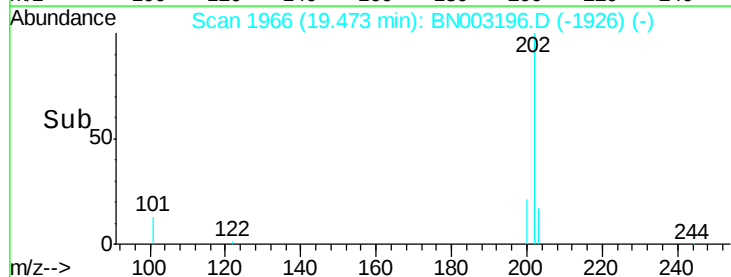
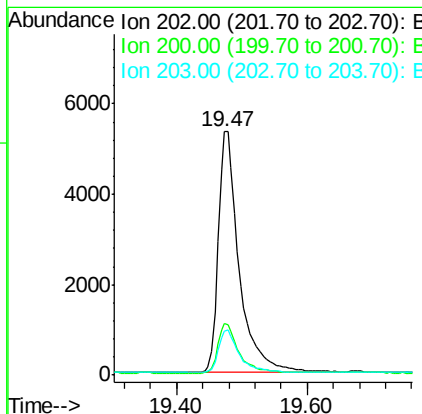
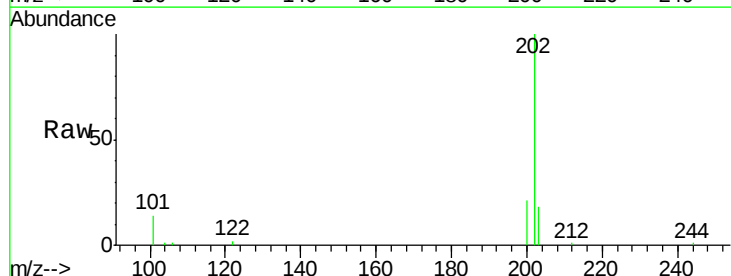
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

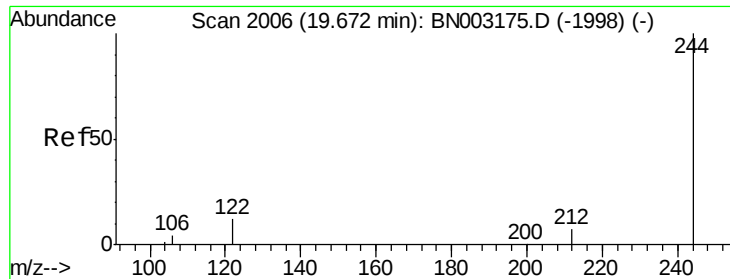
Tgt Ion:240 Resp: 9918
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.8
236 25.9 21.0 31.4



#28
Pyrene
Concen: 0.431 ng
RT: 19.47 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BN003196.D
Acq: 18 Oct 2018 00:43

Tgt Ion:202 Resp: 11951
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.8 14.2 21.2





#29

Terphenyl-d14

Concen: 0.415 ng

RT: 19.68 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

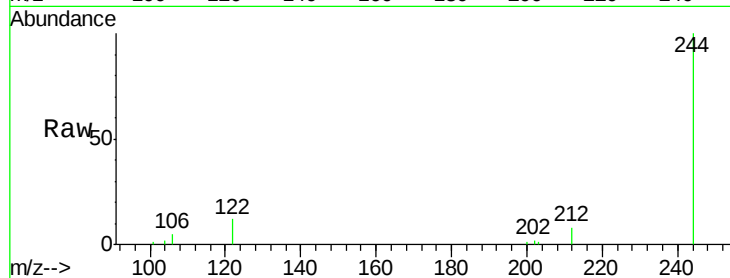
Tgt Ion:244 Resp: 8923

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

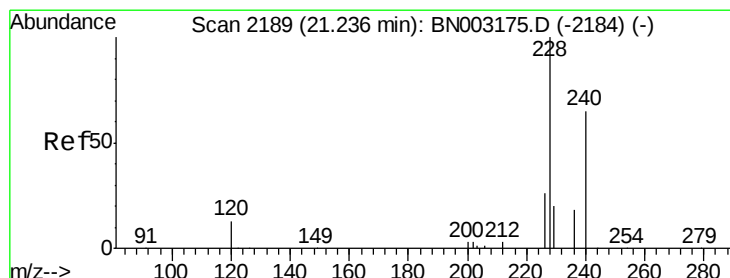
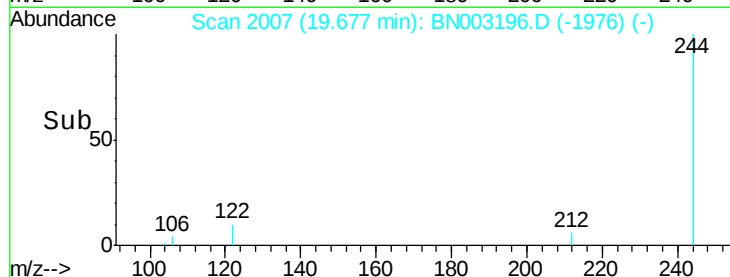
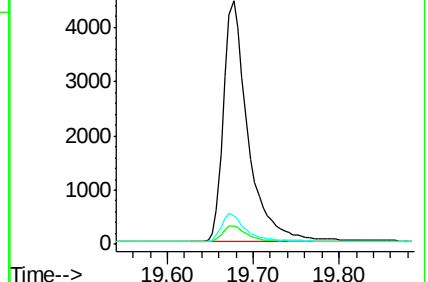
122 11.7 9.1 13.7



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: 0.392 ng

RT: 21.24 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

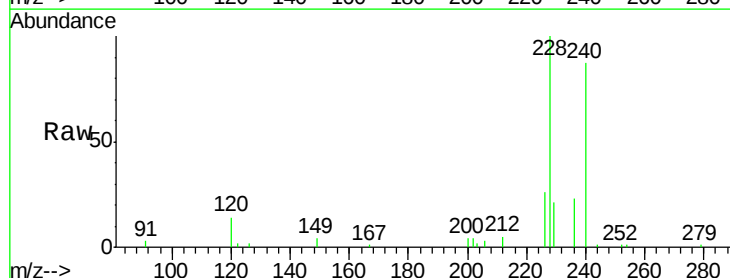
Tgt Ion:228 Resp: 10446

Ion Ratio Lower Upper

228 100

226 26.3 21.4 32.2

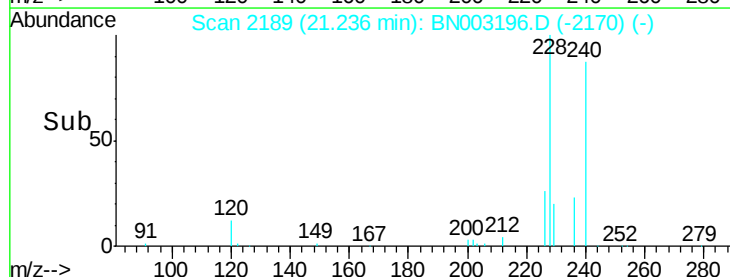
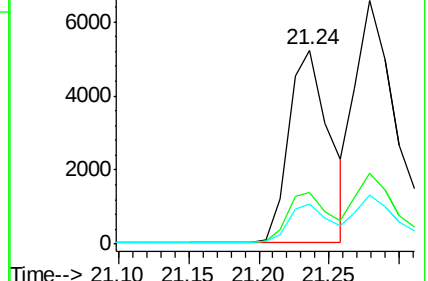
229 20.7 16.4 24.6

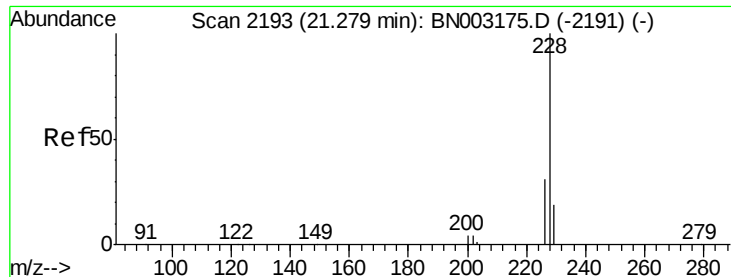


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.437 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

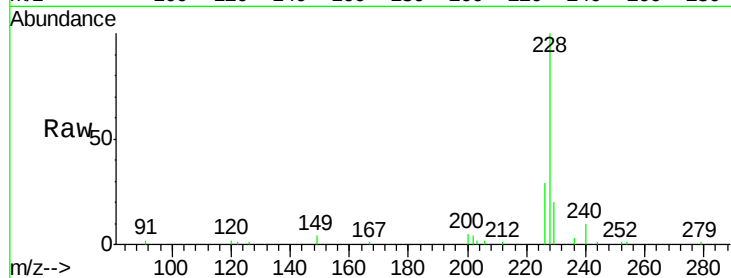
Tgt Ion:228 Resp: 13310

Ion Ratio Lower Upper

228 100

226 29.3 23.1 34.7

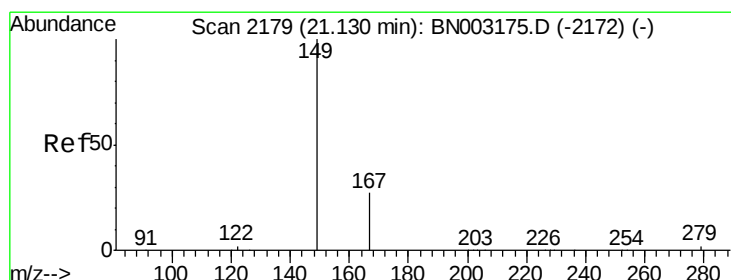
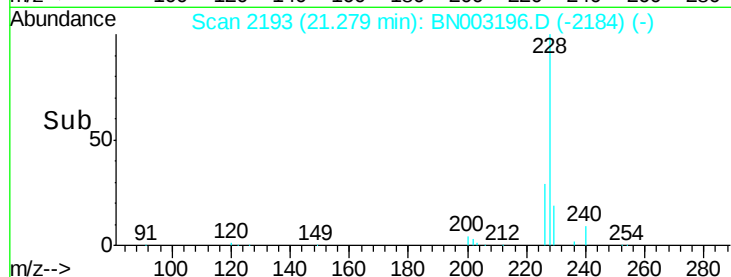
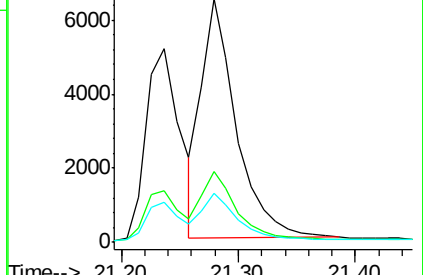
229 20.2 15.9 23.9



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: 0.382 ng

RT: 21.13 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

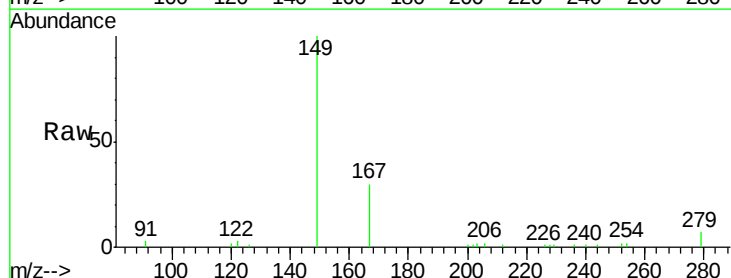
Tgt Ion:149 Resp: 6179

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

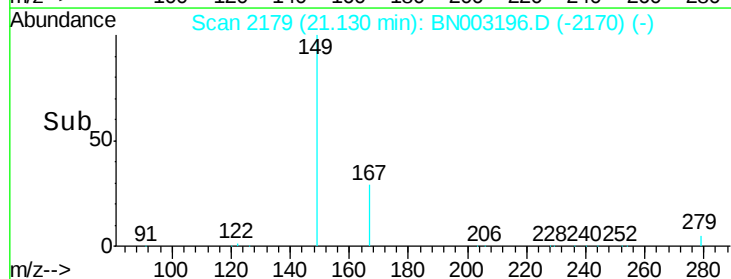
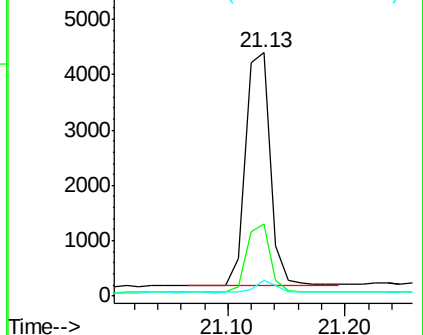
279 4.7 3.7 5.5

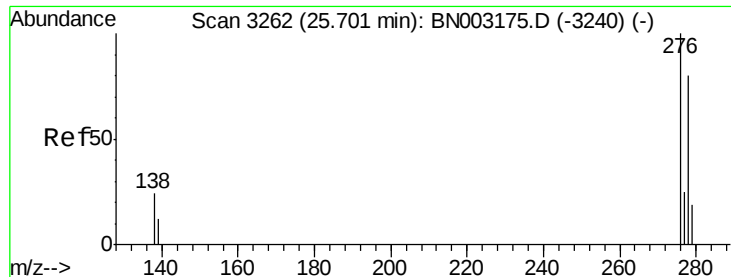


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.396 ng

RT: 25.70 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BN003196.D

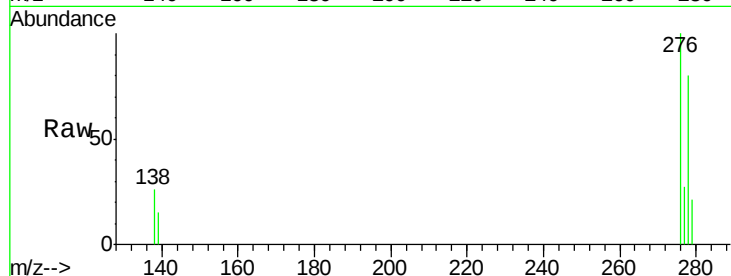
Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



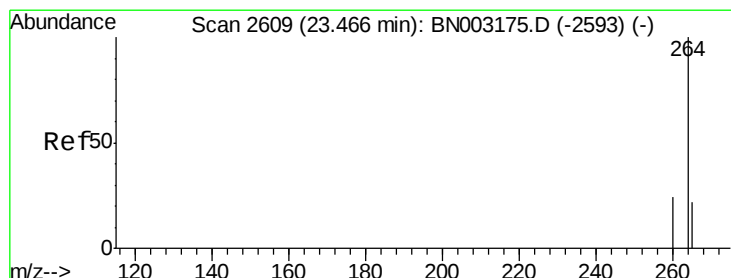
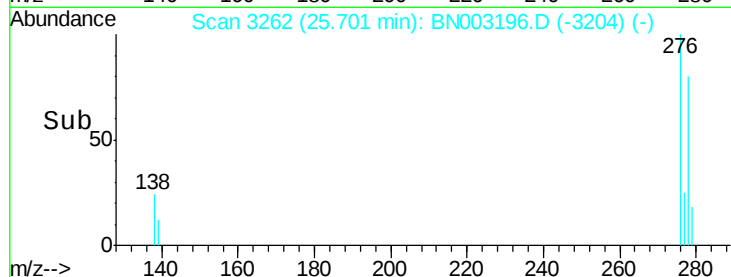
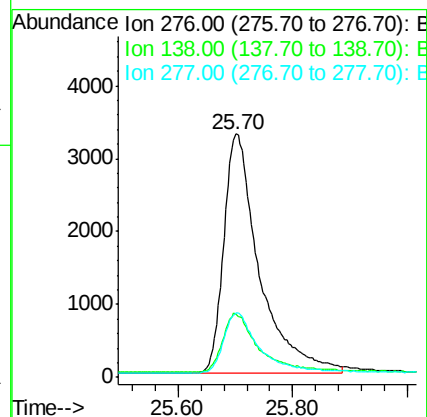
Tgt Ion:276 Resp: 14259

Ion Ratio Lower Upper

276 100

138 24.7 18.2 27.4

277 24.9 20.2 30.4



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2609

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

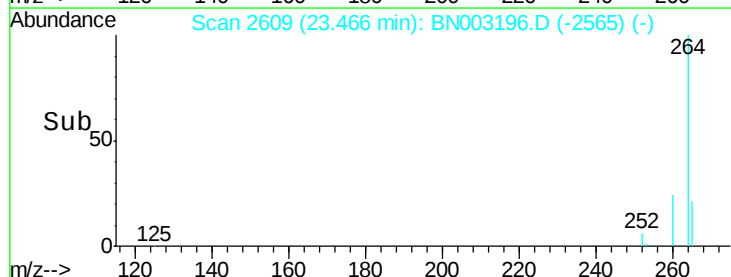
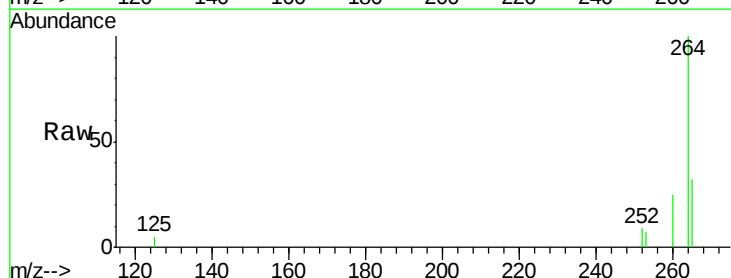
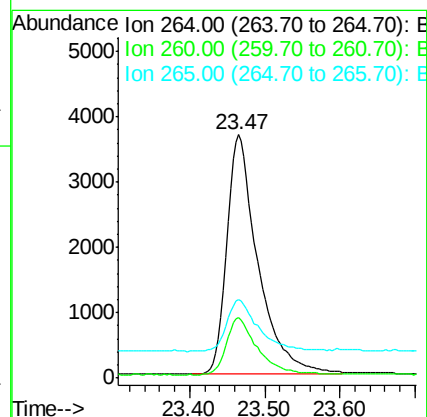
Tgt Ion:264 Resp: 10397

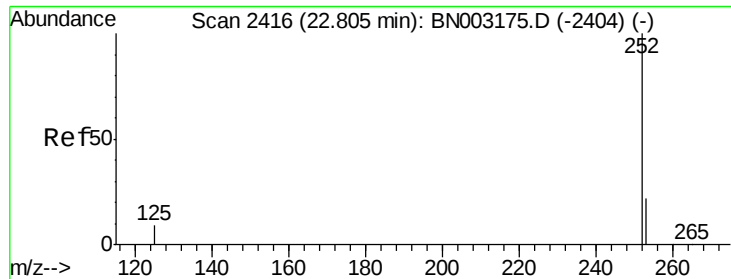
Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 32.3 27.6 41.4





#35

Benzo(b)fluoranthene

Concen: 0.429 ng

RT: 22.80 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

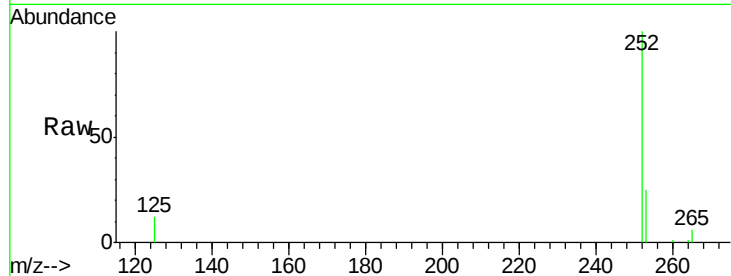
Tgt Ion:252 Resp: 12061

Ion Ratio Lower Upper

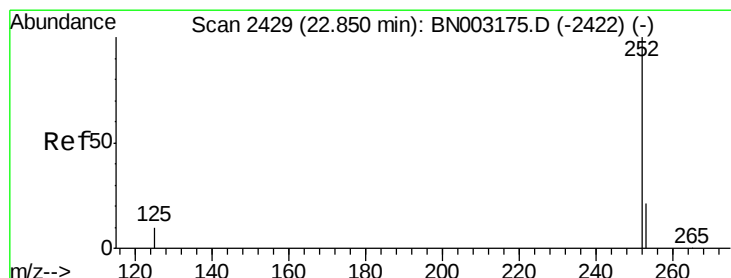
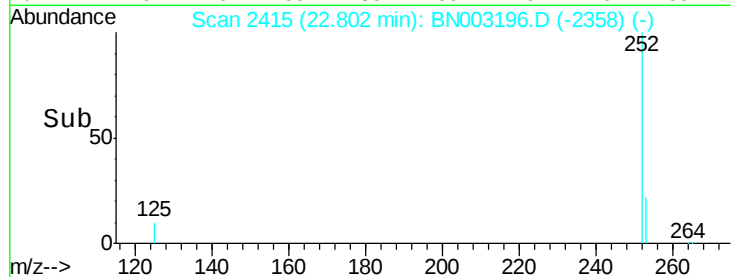
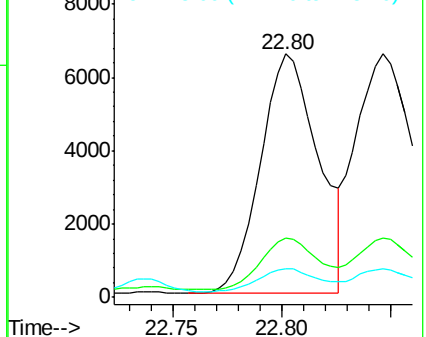
252 100

253 24.6 20.8 31.2

125 11.9 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: 0.429 ng

RT: 22.85 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

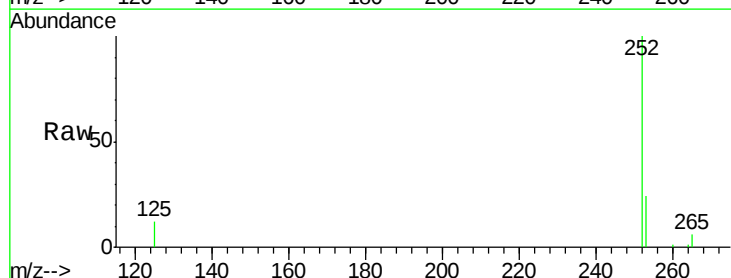
Tgt Ion:252 Resp: 14220

Ion Ratio Lower Upper

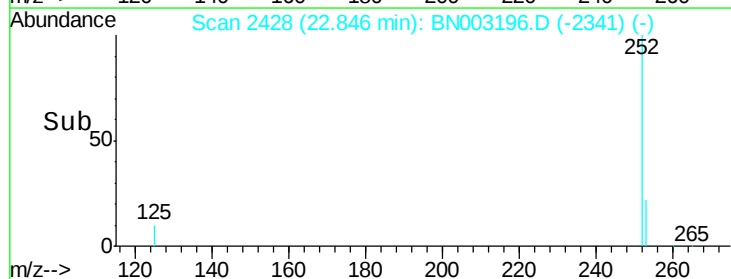
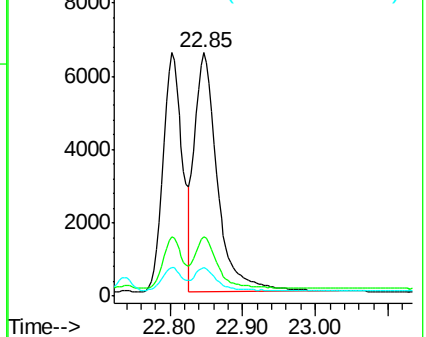
252 100

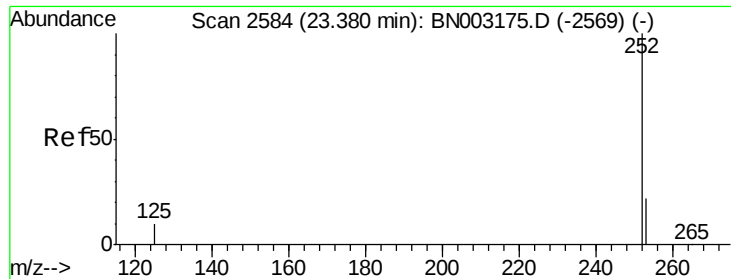
253 24.3 20.5 30.7

125 11.7 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: 0.421 ng

RT: 23.38 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

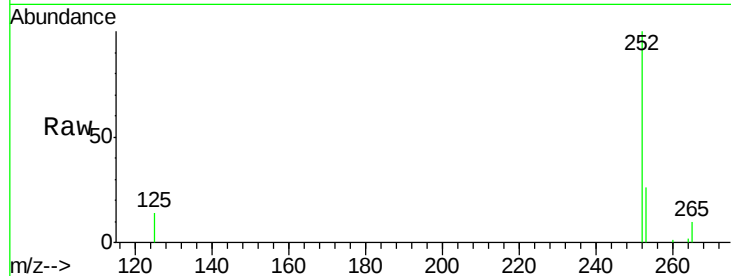
Tgt Ion:252 Resp: 12178

Ion Ratio Lower Upper

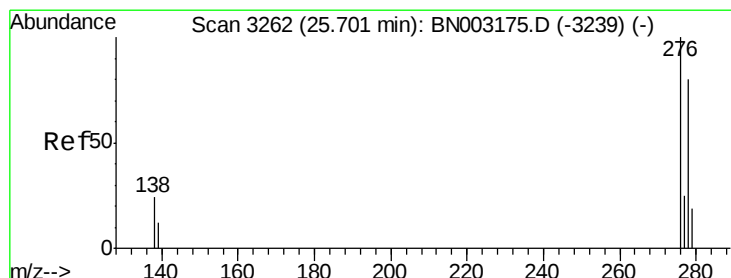
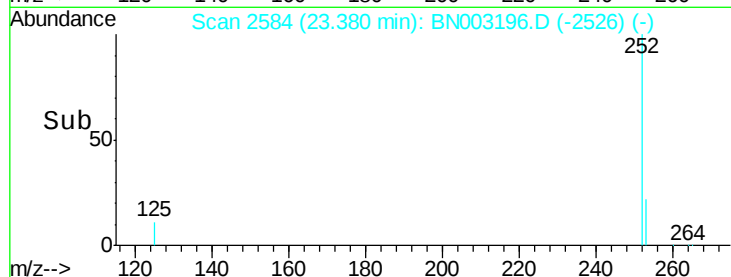
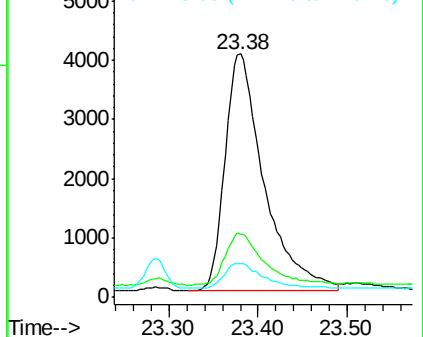
252 100

253 26.0 22.4 33.6

125 14.0 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: 0.401 ng

RT: 25.70 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BN003196.D

Acq: 18 Oct 2018 00:43

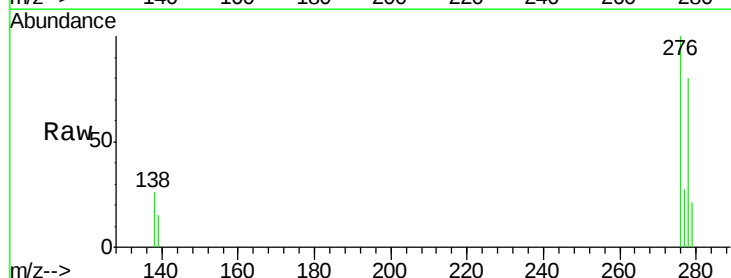
Tgt Ion:278 Resp: 11857

Ion Ratio Lower Upper

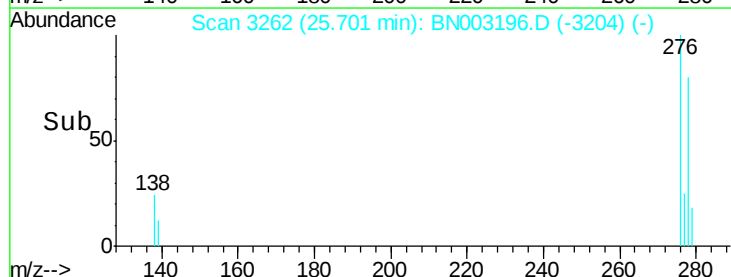
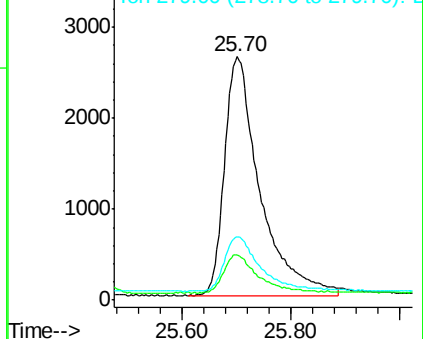
278 100

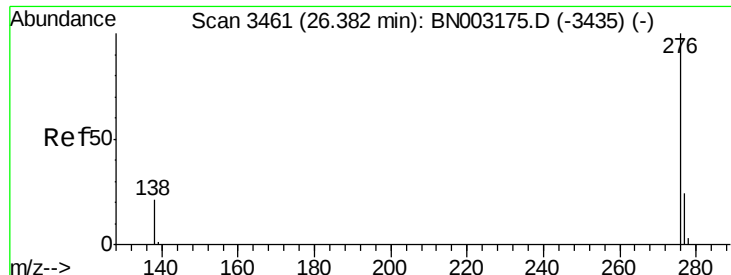
139 18.3 14.6 21.8

279 26.0 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: 0.403 ng

RT: 26.38 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BN003196.D

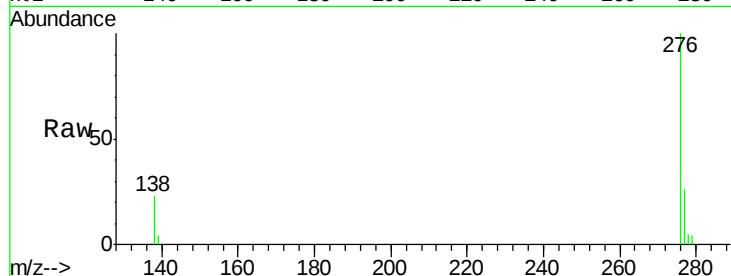
Acq: 18 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 12047

Ion Ratio Lower Upper

276 100

277 25.6 21.0 31.4

138 23.3 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

