

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
 Data File : BN003181.D
 Acq On : 17 Oct 2018 15:50
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 18 15:37:08 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	7.66	152	609	0.40	ng	0.02
7) Naphthalene-d8	10.47	136	2893	0.40	ng	0.04
13) Acenaphthene-d10	14.29	164	2115	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	5536	0.40	ng	0.02
27) Chrysene-d12	21.26	240	7918	0.40	ng	0.01
34) Perylene-d12	23.48	264	9009	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	433	0.32	ng	0.04
5) Phenol-d6	7.01	99	529	0.28	ng	0.07
8) Nitrobenzene-d5	8.94	82	490	0.26	ng	0.08
11) 2-Methylnaphthalene-d10	12.09	152	1804	0.37	ng	0.05
14) 2,4,6-Tribromophenol	15.85	330	433	0.32	ng	0.02
15) 2-Fluorobiphenyl	12.96	172	2811	0.34	ng	0.03
25) Fluoranthene-d10	19.09	212	6381	0.37	ng	0.01
29) Terphenyl-d14	19.69	244	5532	0.32	ng	0.01

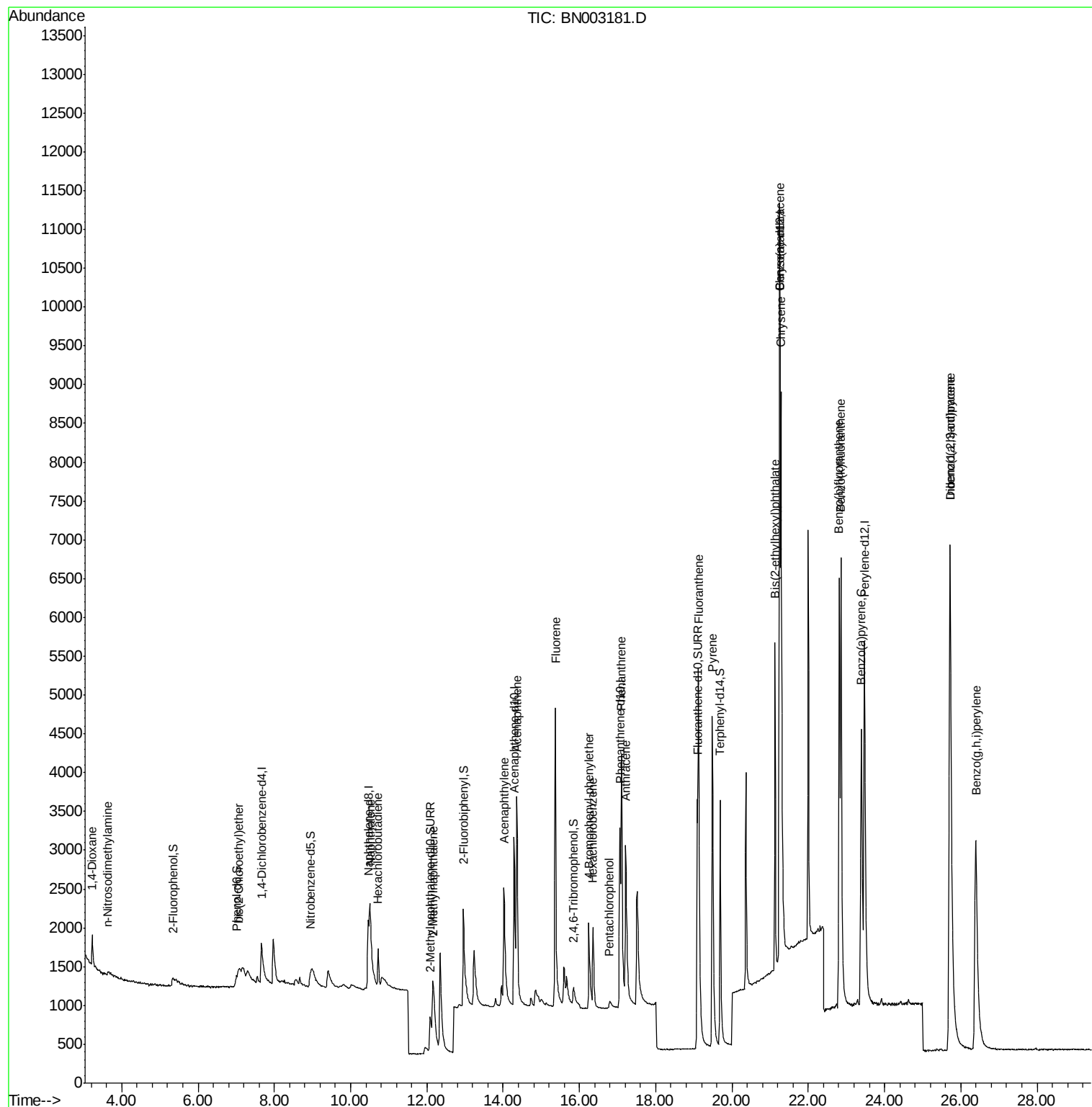
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	349	0.392	ng	96
3) n-Nitrosodimethylamine	3.64	42	30	0.211	ng	# 1
6) bis(2-Chloroethyl)ether	7.08	93	541	0.336	ng	# 33
9) Naphthalene	10.52	128	2683	0.373	ng	# 87
10) Hexachlorobutadiene	10.72	225	539	0.383	ng	# 99
12) 2-Methylnaphthalene	12.16	142	1778	0.361	ng	95
16) Acenaphthylene	14.02	152	3284	0.342	ng	99
17) Acenaphthene	14.35	154	2340	0.366	ng	97
18) Fluorene	15.37	166	2991	0.359	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	1001	0.324	ng	95
21) Hexachlorobenzene	16.36	284	1198	0.351	ng	97
22) Pentachlorophenol	16.79	266	145	0.269	ng	85
23) Phenanthrene	17.10	178	5108	0.352	ng	100
24) Anthracene	17.22	178	4509	0.340	ng	99
26) Fluoranthene	19.13	202	6889	0.371	ng	99
28) Pyrene	19.49	202	7292	0.329	ng	100
30) Benzo(a)anthracene	21.25	228	6809	0.320	ng	99
31) Chrysene	21.29	228	8951	0.368	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	4109	0.320	ng	98
33) Indeno(1,2,3-cd)pyrene	25.72	276	11237	0.391	ng	99
35) Benzo(b)fluoranthene	22.81	252	8213	0.338	ng	99
36) Benzo(k)fluoranthene	22.86	252	10444	0.364	ng	99
37) Benzo(a)pyrene	23.39	252	8894	0.355	ng	98
38) Dibenzo(a,h)anthracene	25.72	278	9442	0.369	ng	97
39) Benzo(g,h,i)perylene	26.40	276	9652	0.373	ng	98

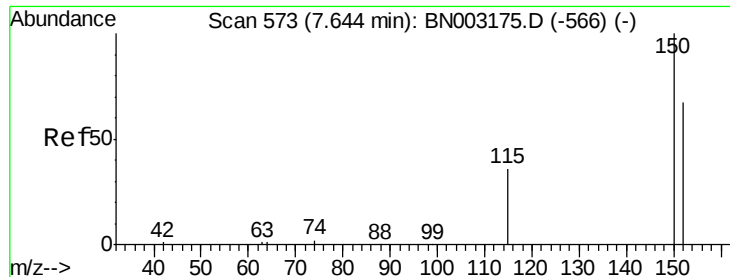
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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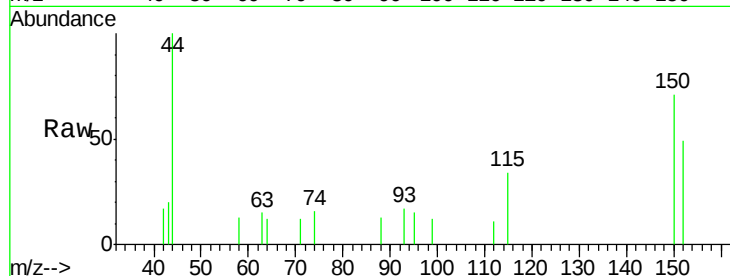


#1

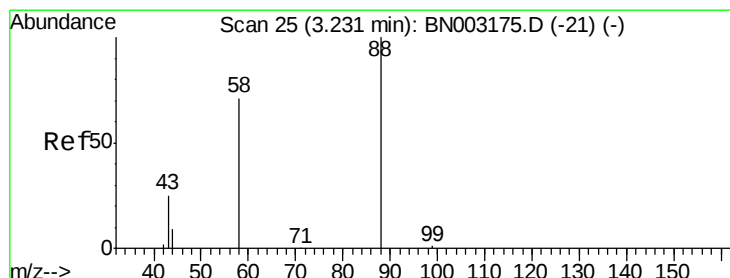
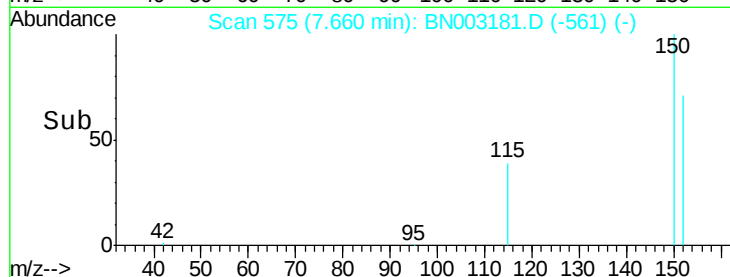
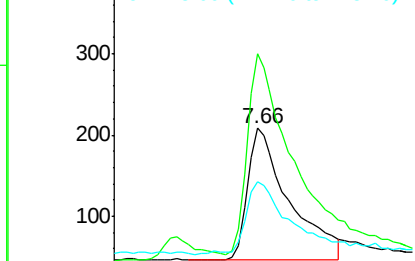
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.02 min
Lab File: BN003181.D
Acq: 17 Oct 2018 15:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 609
Ion Ratio Lower Upper
152 100
150 144.2 126.2 189.4
115 68.3 49.8 74.6



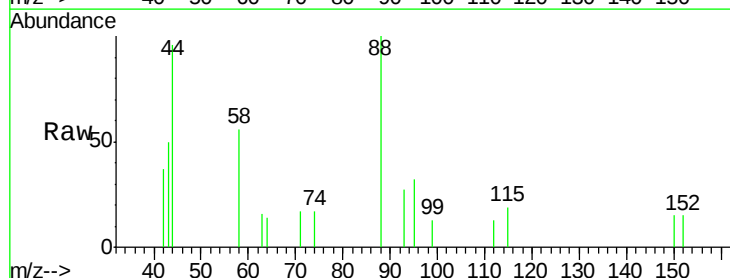
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



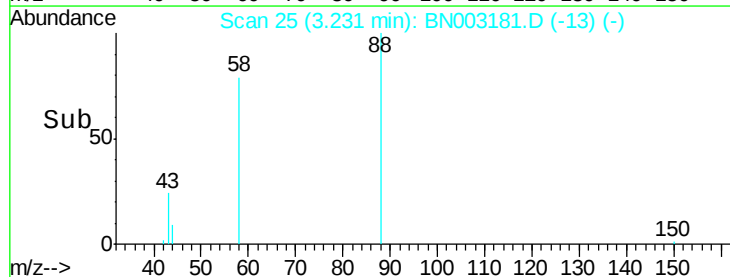
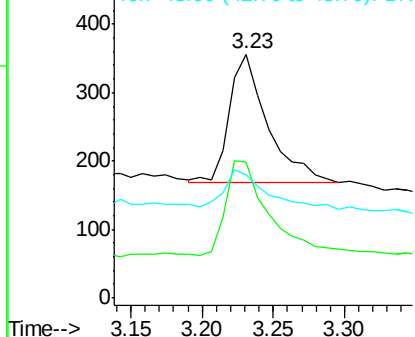
#2

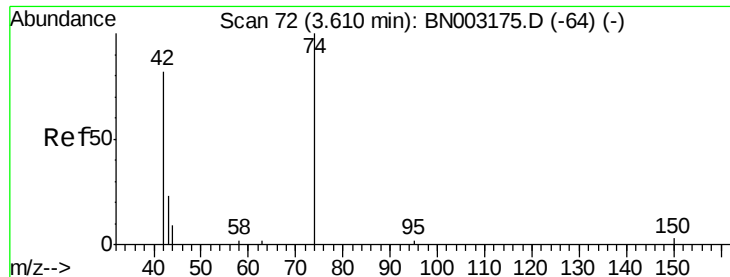
1,4-Dioxane
Concen: 0.392 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.00 min
Lab File: BN003181.D
Acq: 17 Oct 2018 15:50

Tgt Ion: 88 Resp: 349
Ion Ratio Lower Upper
88 100
58 85.4 66.7 100.1
43 34.7 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





#3

n-Nitrosodimethylamine

Concen: 0.211 ng

RT: 3.64 min Scan# 76

Delta R.T. 0.03 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

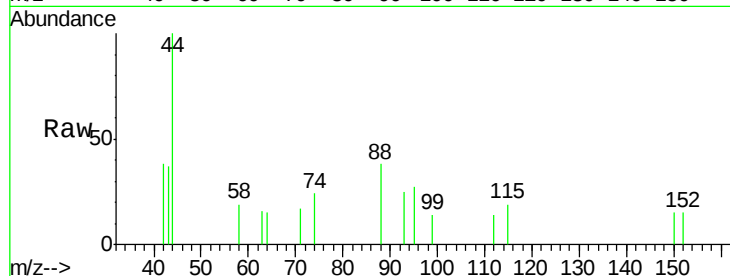
Tgt Ion: 42 Resp: 30

Ion Ratio Lower Upper

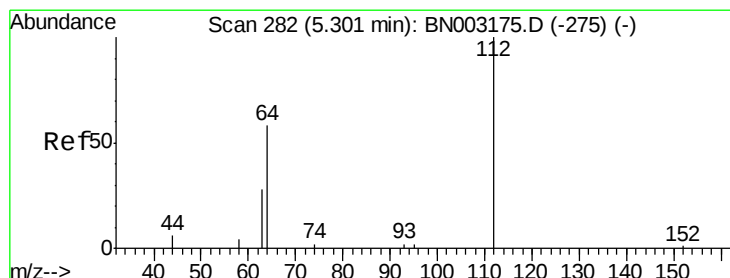
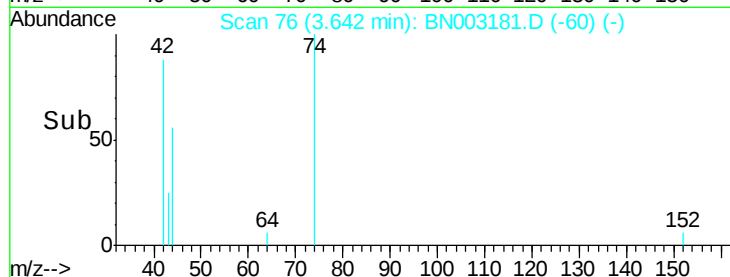
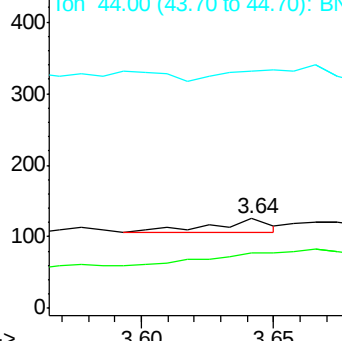
42 100

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: 0.322 ng

RT: 5.34 min Scan# 287

Delta R.T. 0.04 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

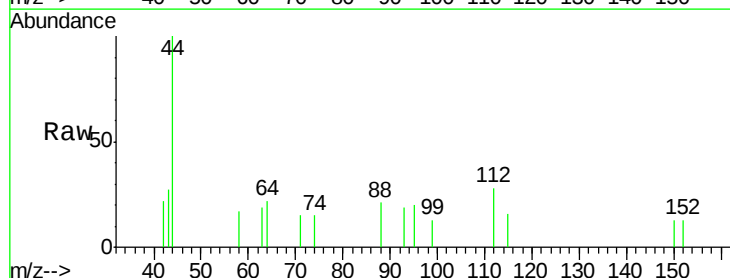
Tgt Ion: 112 Resp: 433

Ion Ratio Lower Upper

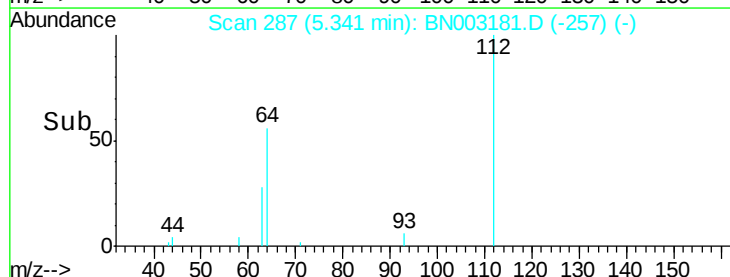
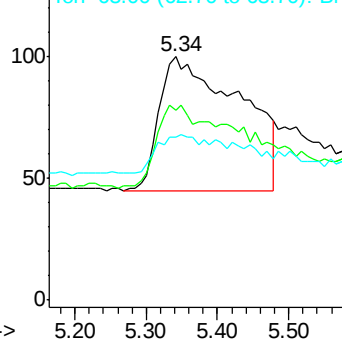
112 100

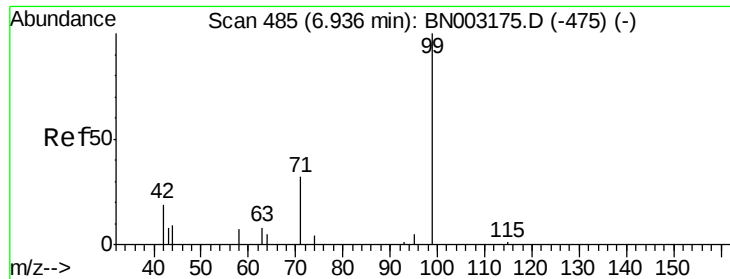
64 62.8 49.0 73.4

63 21.0 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: 0.276 ng

RT: 7.01 min Scan# 494

Delta R.T. 0.07 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

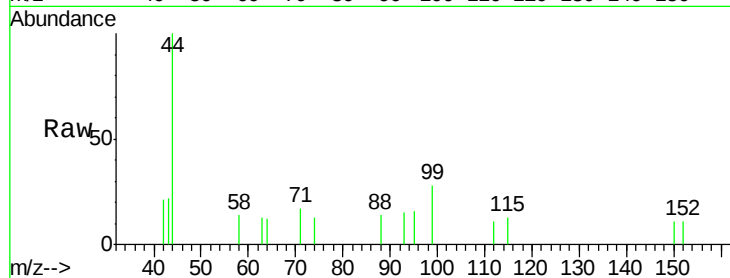
Tgt Ion: 99 Resp: 529

Ion Ratio Lower Upper

99 100

42 9.5 15.4 23.2#

71 12.9 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

7.01

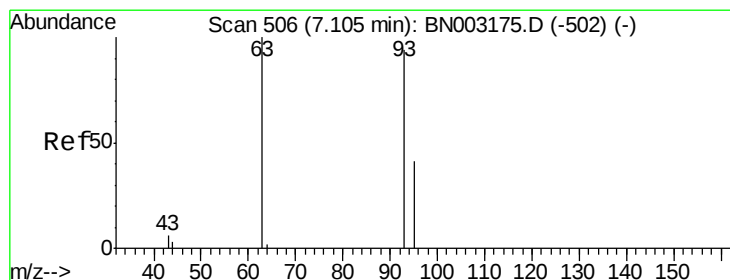
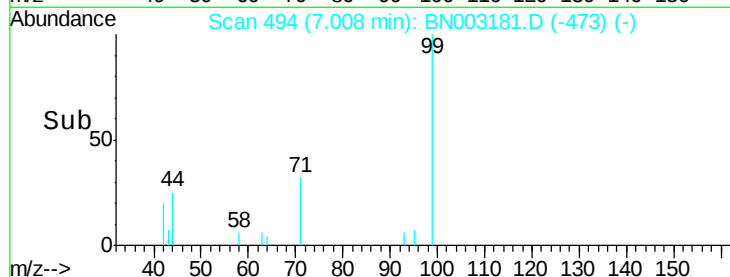
100

50

0

6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.336 ng

RT: 7.08 min Scan# 503

Delta R.T. -0.02 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

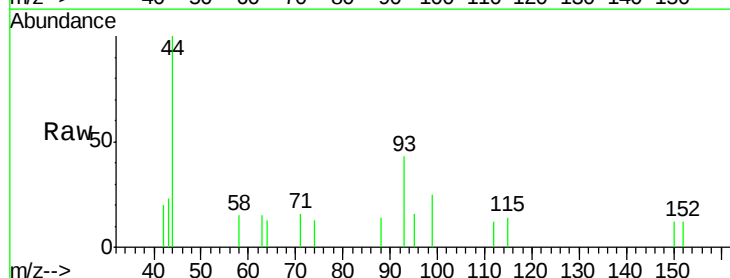
Tgt Ion: 93 Resp: 541

Ion Ratio Lower Upper

93 100

63 9.8 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

7.08

200

150

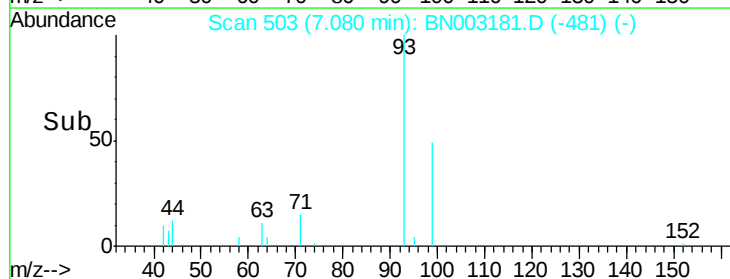
100

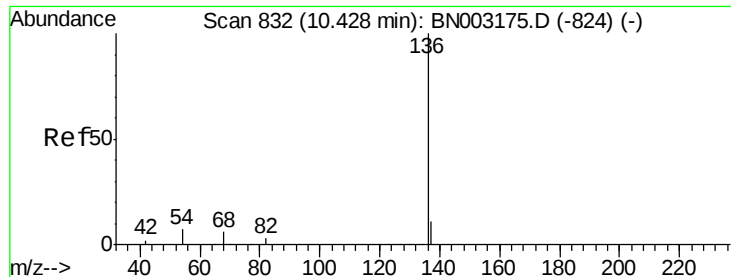
50

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. 0.04 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 2893

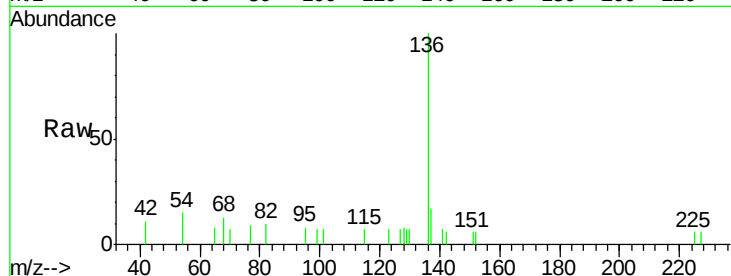
Ion Ratio Lower Upper

136 100

137 17.0 9.4 14.0#

54 14.9 7.4 11.0#

68 13.0 5.8 8.6#

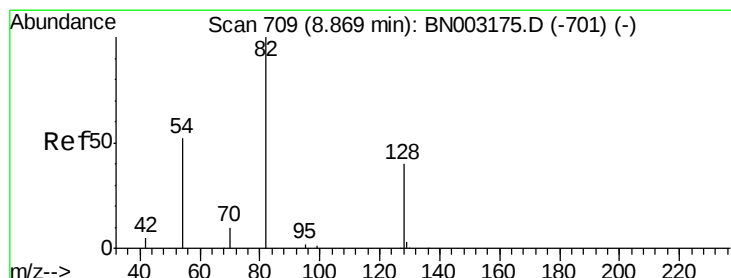
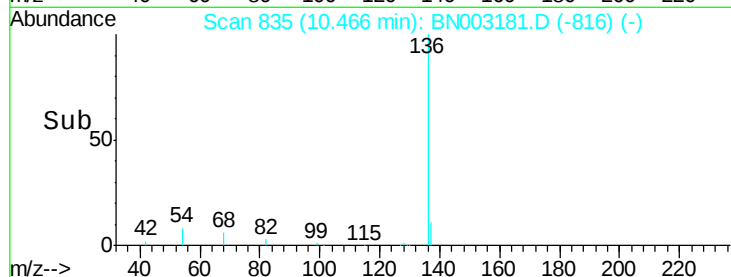
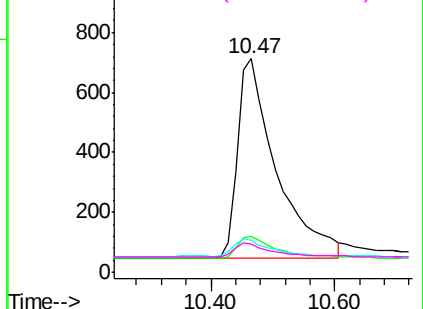


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.263 ng

RT: 8.94 min Scan# 715

Delta R.T. 0.08 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

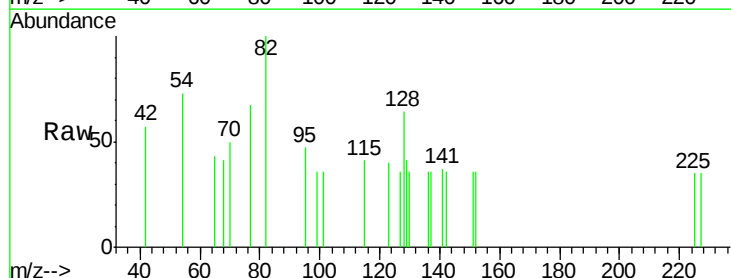
Tgt Ion: 82 Resp: 490

Ion Ratio Lower Upper

82 100

128 64.3 38.2 57.4#

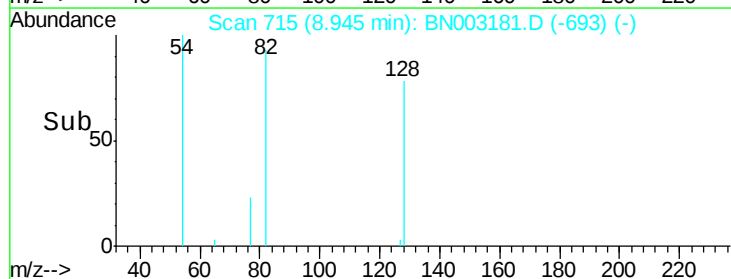
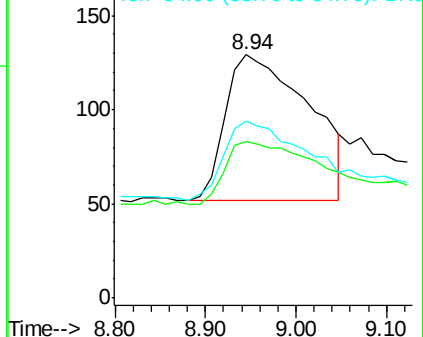
54 72.9 44.1 66.1#

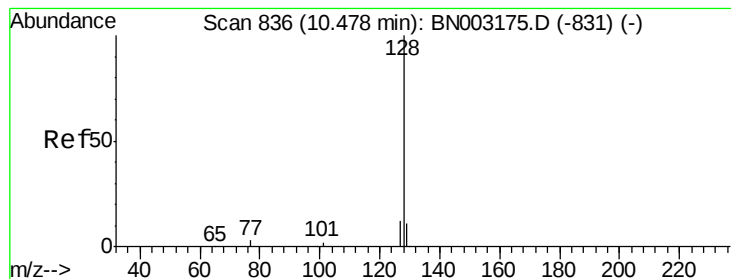


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.373 ng

RT: 10.52 min Scan# 839

Delta R.T. 0.04 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

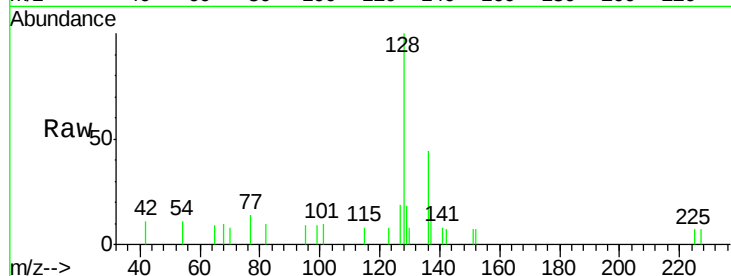
Tgt Ion:128 Resp: 2683

Ion Ratio Lower Upper

128 100

129 18.1 9.8 14.6#

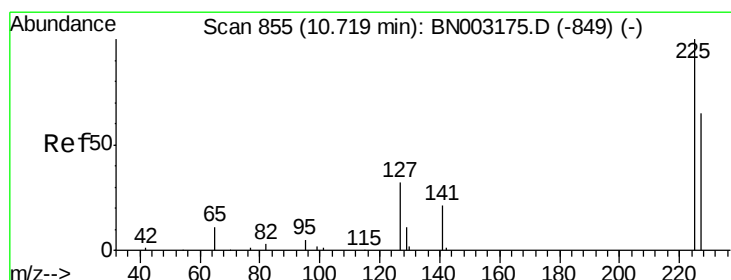
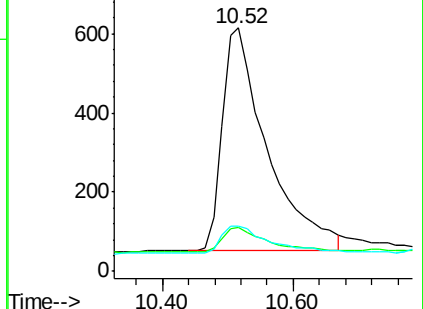
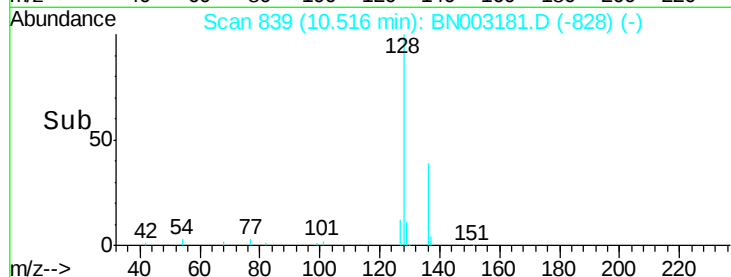
127 18.6 11.4 17.2#



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: 0.383 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

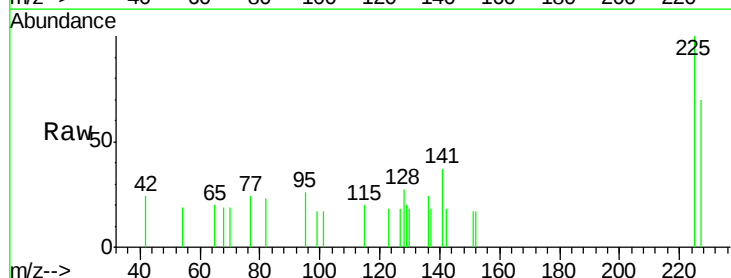
Tgt Ion:225 Resp: 539

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

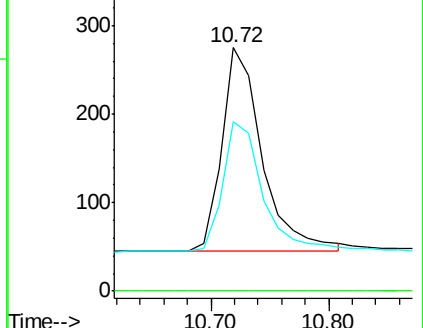
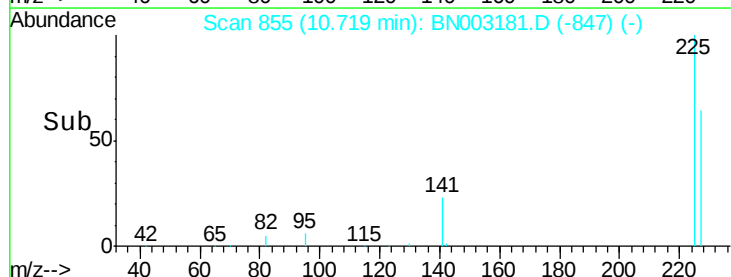
227 64.4 51.8 77.8

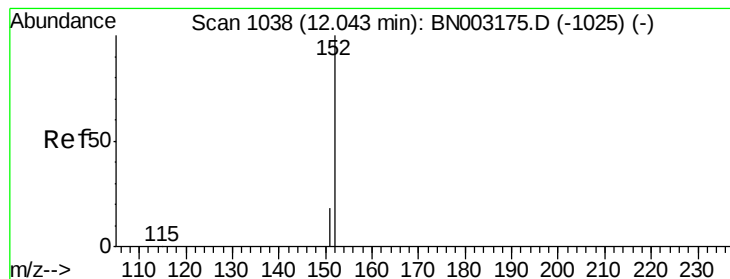


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.369 ng

RT: 12.09 min Scan# 1049

Delta R.T. 0.05 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

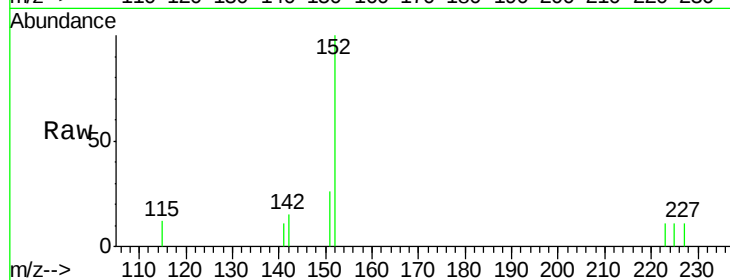
SSTDCCC0.4

Tgt Ion:152 Resp: 1804

Ion Ratio Lower Upper

152 100

151 19.2 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.09

400

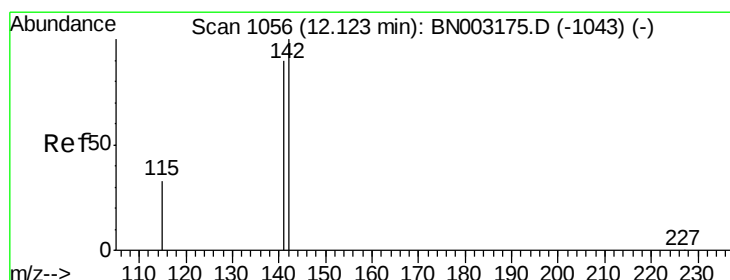
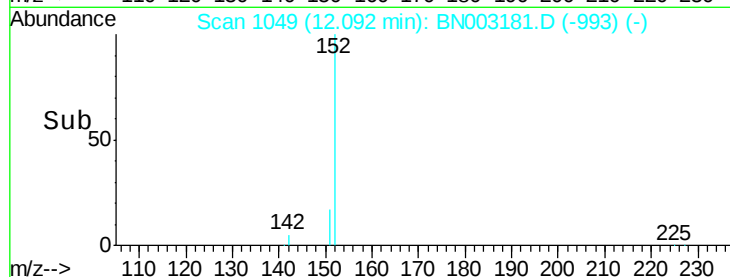
300

200

100

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.361 ng

RT: 12.16 min Scan# 1065

Delta R.T. 0.04 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

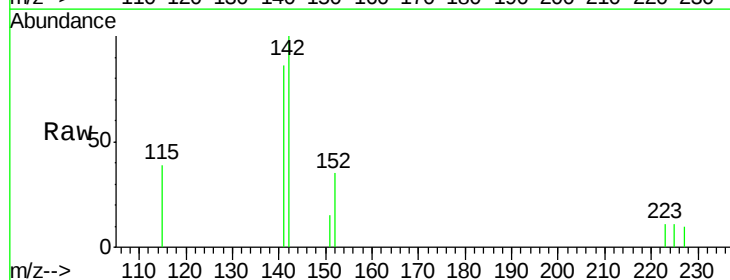
Tgt Ion:142 Resp: 1778

Ion Ratio Lower Upper

142 100

141 85.8 71.5 107.3

115 38.7 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

12.16

800

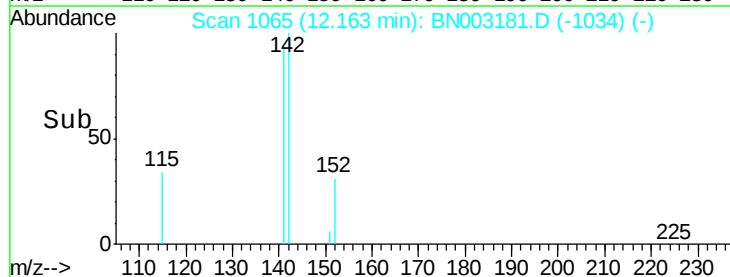
600

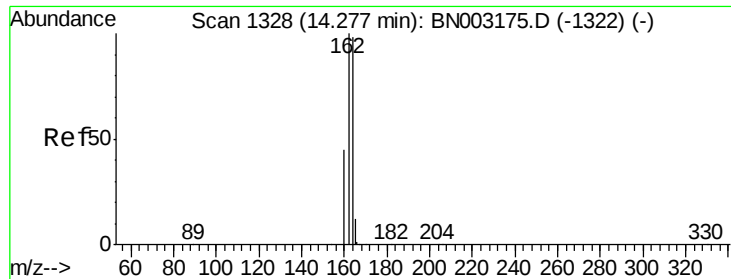
400

200

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.29 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

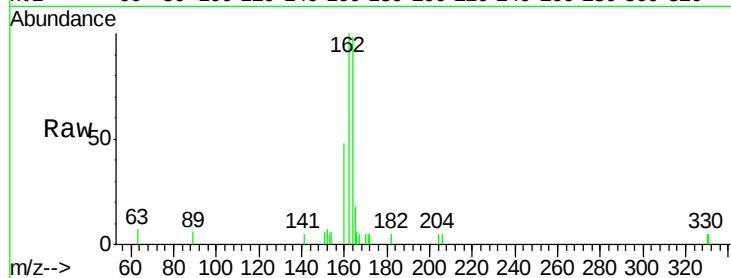
Tgt Ion:164 Resp: 2115

Ion Ratio Lower Upper

164 100

162 102.3 81.7 122.5

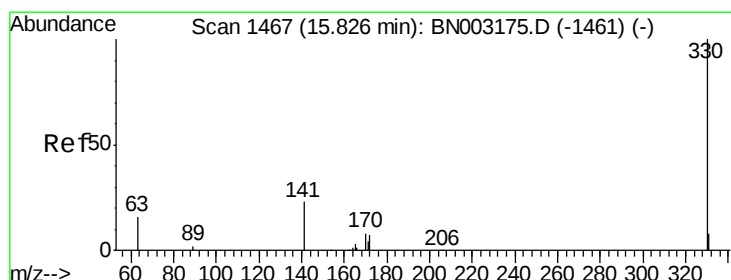
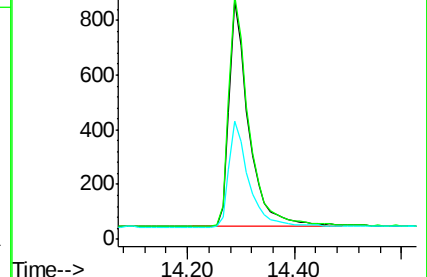
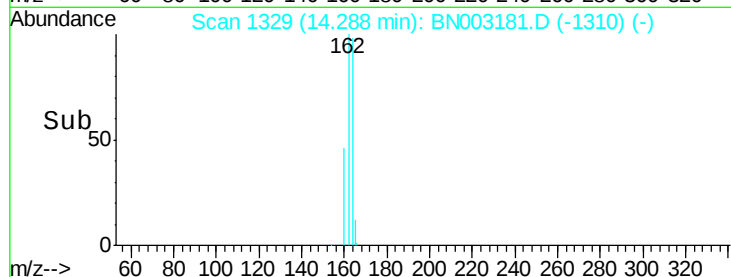
160 49.5 36.3 54.5



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: 0.321 ng

RT: 15.85 min Scan# 1469

Delta R.T. 0.02 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

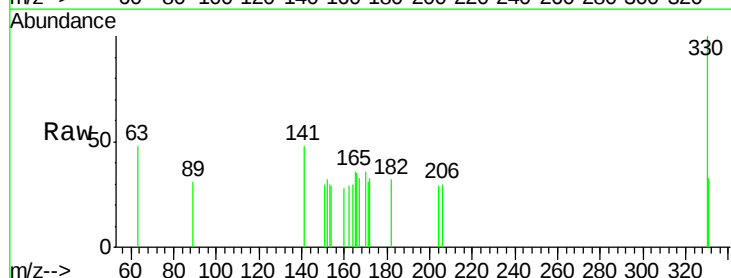
Tgt Ion:330 Resp: 433

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

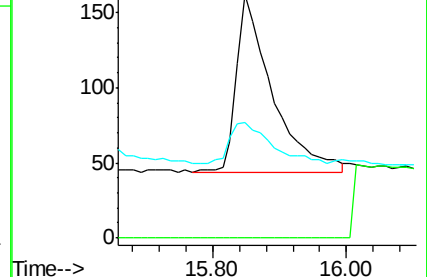
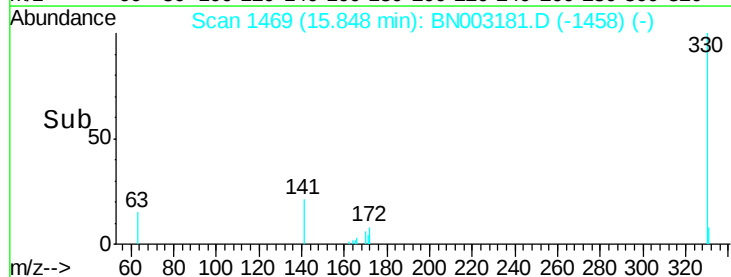
141 25.9 22.6 33.8

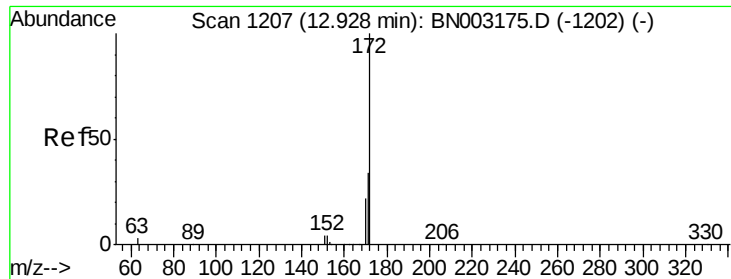


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

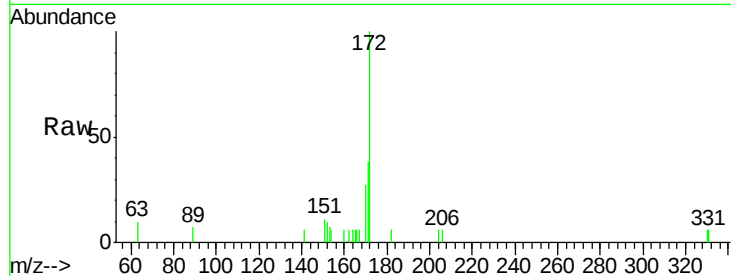




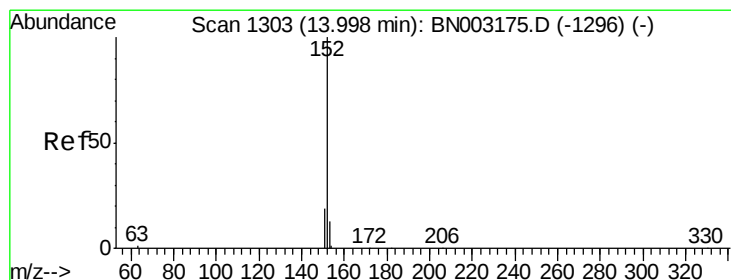
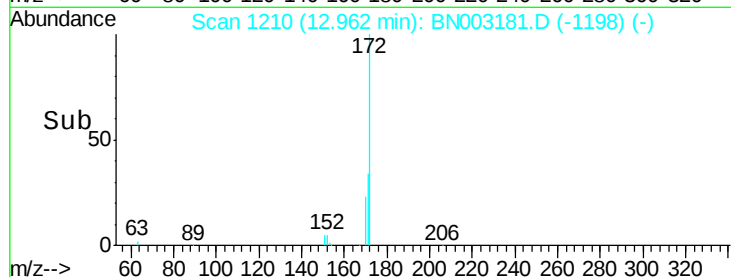
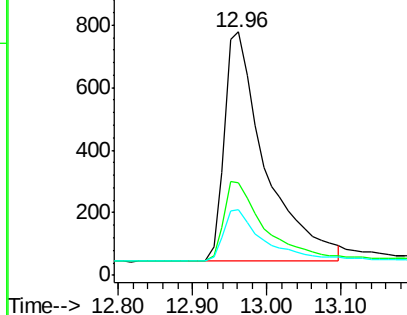
#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.03 min
Lab File: BN003181.D
Acq: 17 Oct 2018 15:50

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2811
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 27.0 18.6 27.8

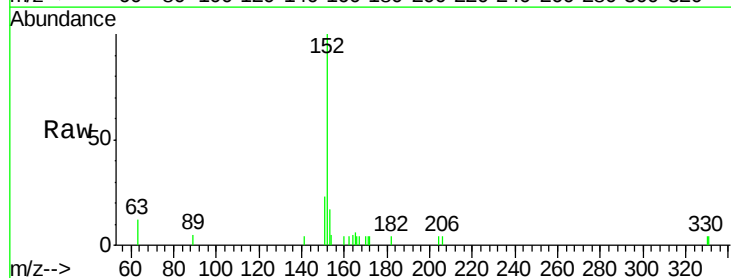


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

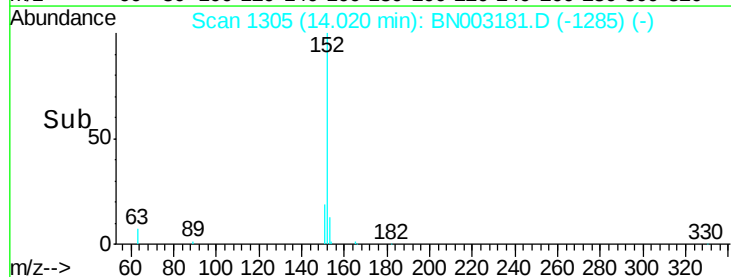
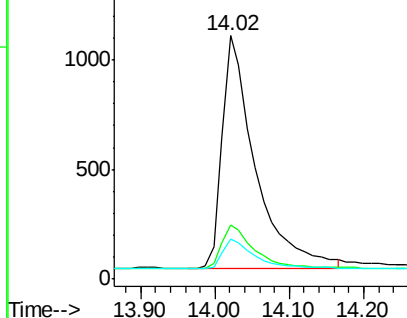


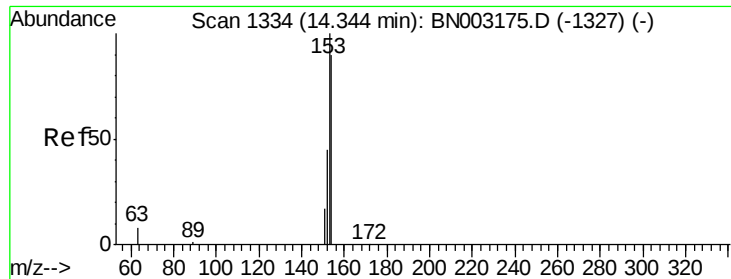
#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.02 min
Lab File: BN003181.D
Acq: 17 Oct 2018 15:50

Tgt Ion:152 Resp: 3284
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.366 ng

RT: 14.35 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

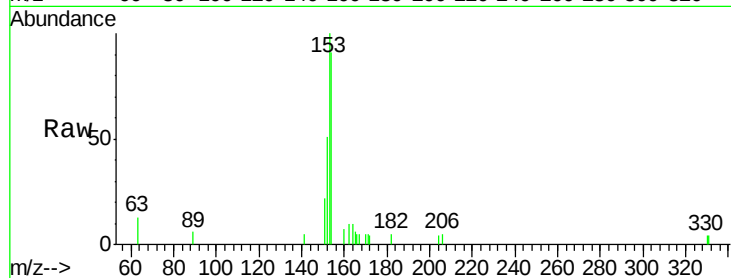
Tgt Ion:154 Resp: 2340

Ion Ratio Lower Upper

154 100

153 111.2 91.0 136.4

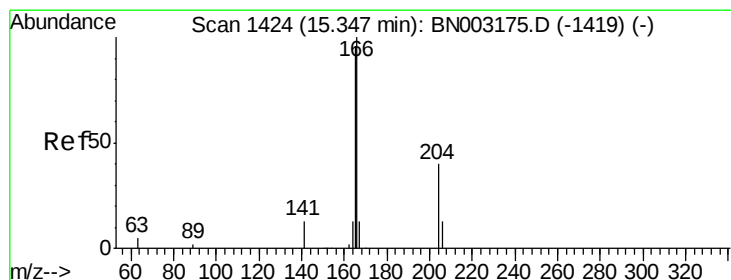
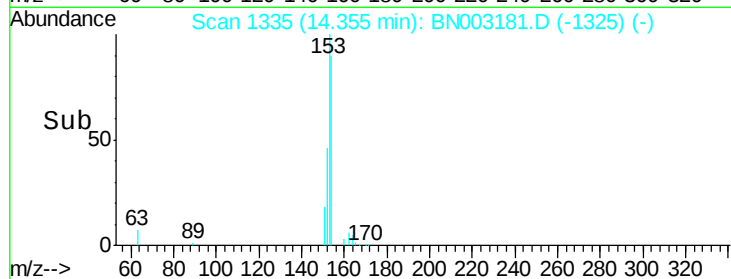
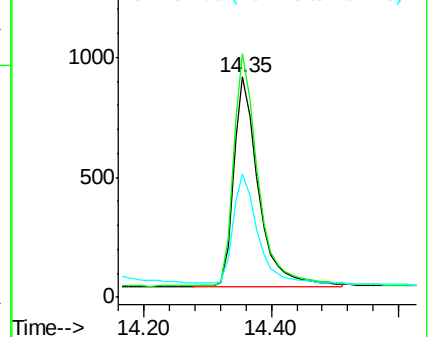
152 51.3 43.8 65.6



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: 0.359 ng

RT: 15.37 min Scan# 1426

Delta R.T. 0.02 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

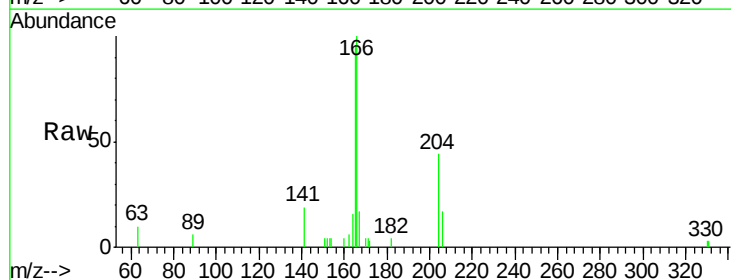
Tgt Ion:166 Resp: 2991

Ion Ratio Lower Upper

166 100

165 97.6 78.2 117.2

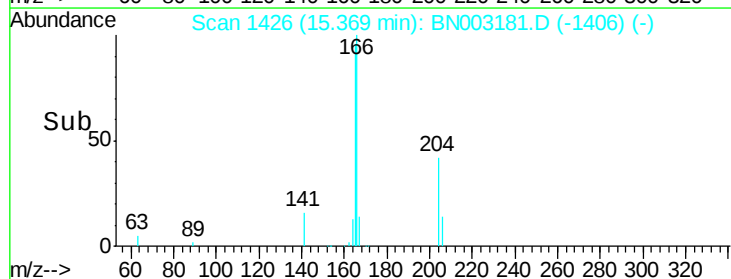
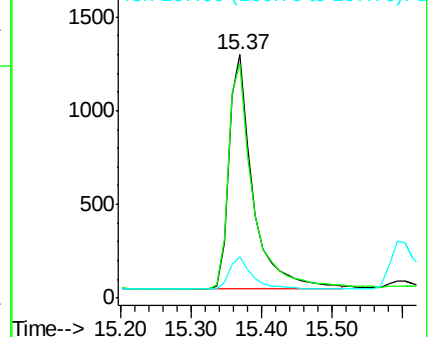
167 13.5 10.7 16.1

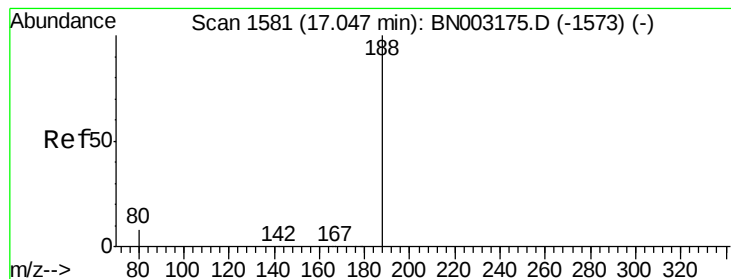


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1583

Delta R.T. 0.02 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

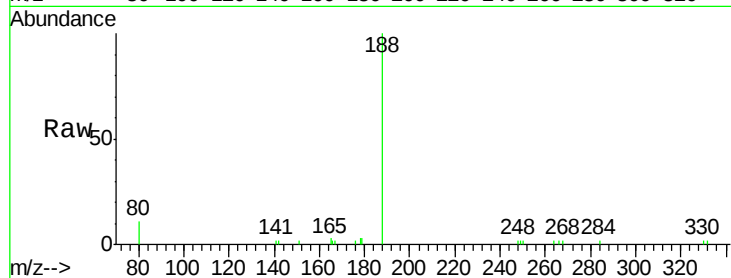
Tgt Ion:188 Resp: 5536

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

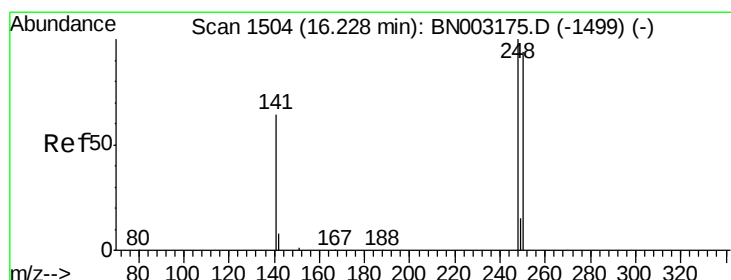
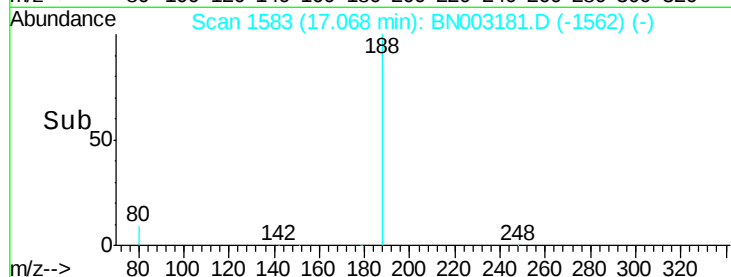
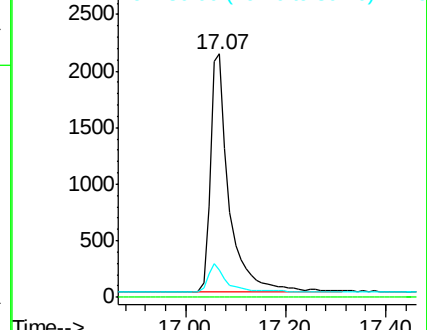
80 11.3 6.7 10.1#



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: 0.324 ng

RT: 16.25 min Scan# 1506

Delta R.T. 0.02 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

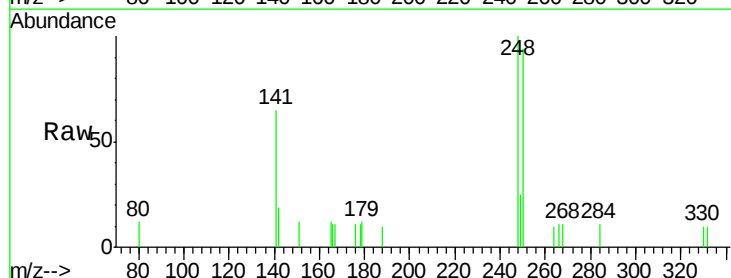
Tgt Ion:248 Resp: 1001

Ion Ratio Lower Upper

248 100

250 93.7 78.9 118.3

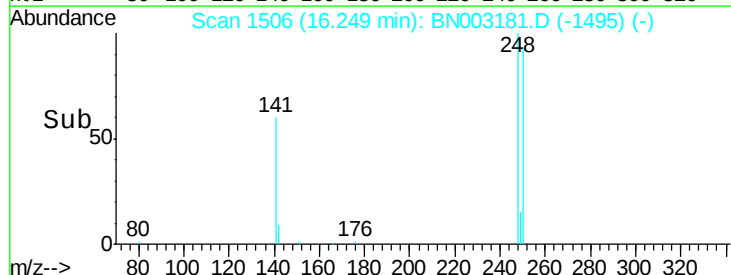
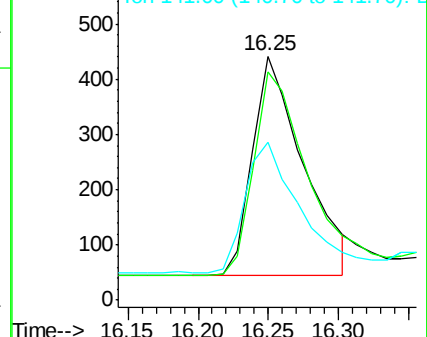
141 65.1 48.5 72.7

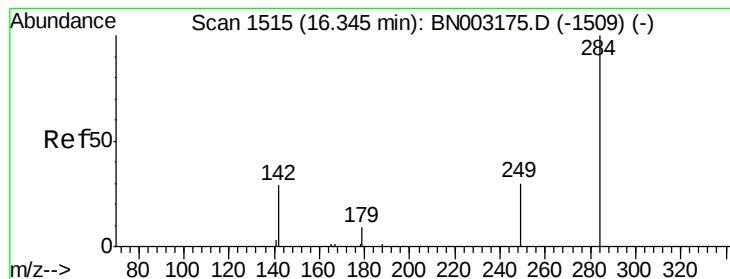


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.351 ng

RT: 16.36 min Scan# 1516

Delta R.T. 0.01 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

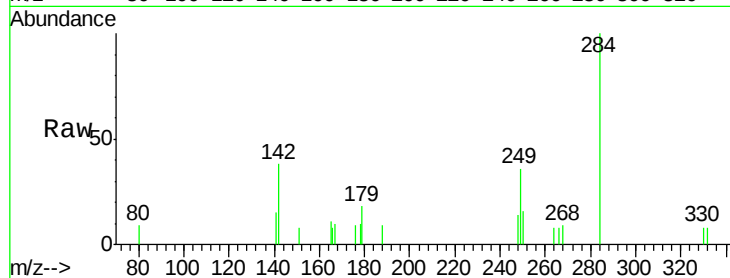
Tgt Ion:284 Resp: 1198

Ion Ratio Lower Upper

284 100

142 29.5 24.6 37.0

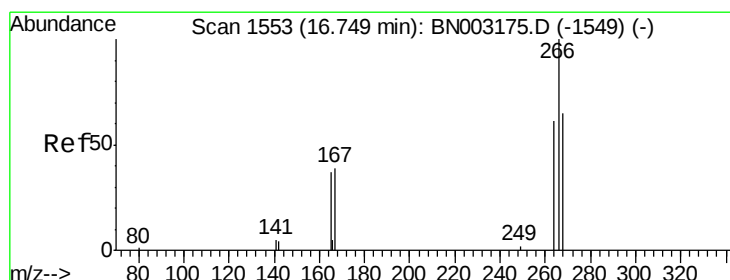
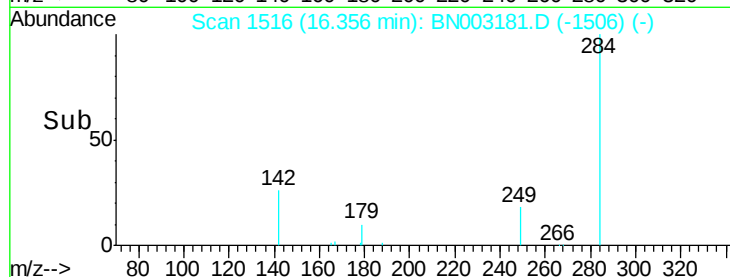
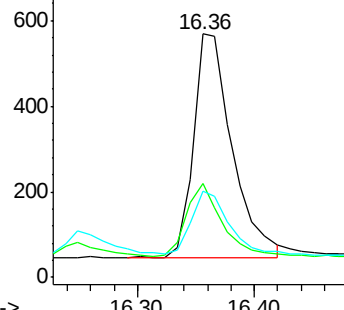
249 25.8 22.3 33.5



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: 0.269 ng

RT: 16.79 min Scan# 1557

Delta R.T. 0.04 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

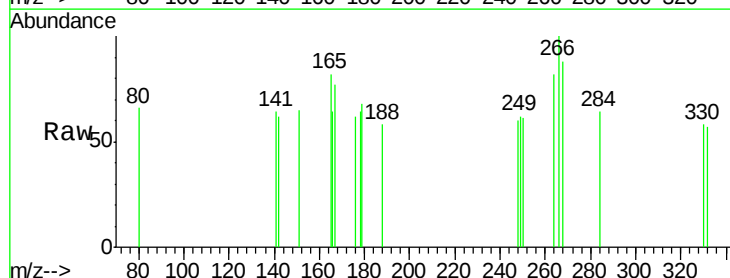
Tgt Ion:266 Resp: 145

Ion Ratio Lower Upper

266 100

264 81.8 55.0 82.4

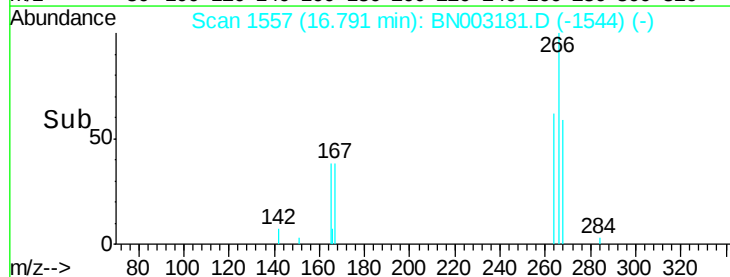
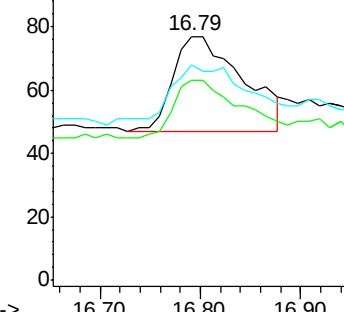
268 88.3 60.6 91.0

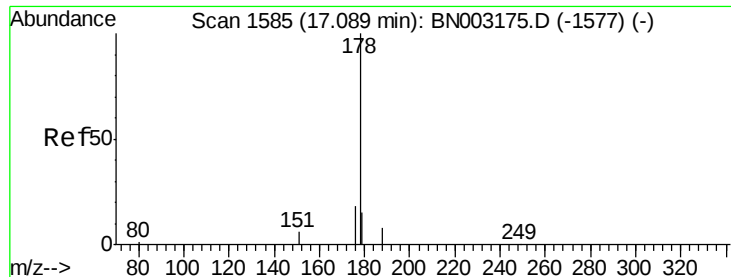


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.352 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

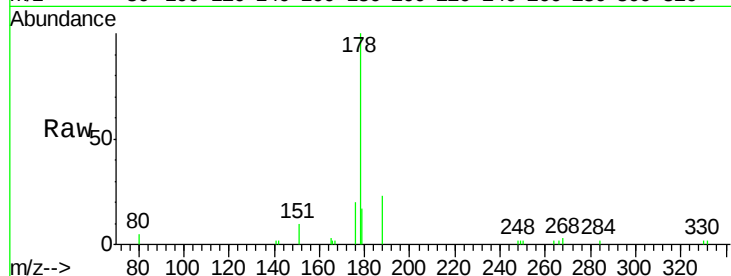
Tgt Ion:178 Resp: 5108

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

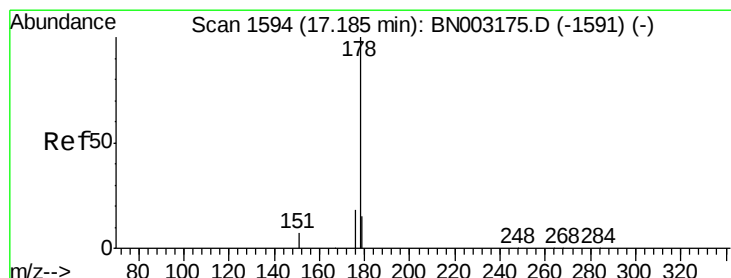
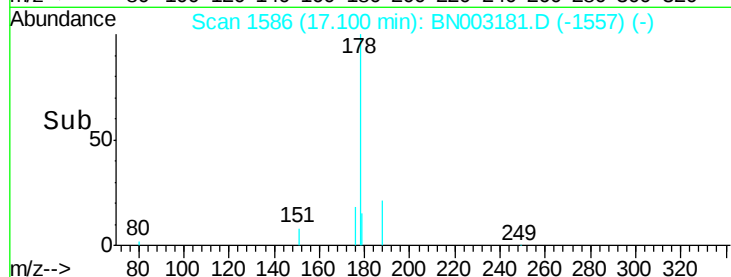
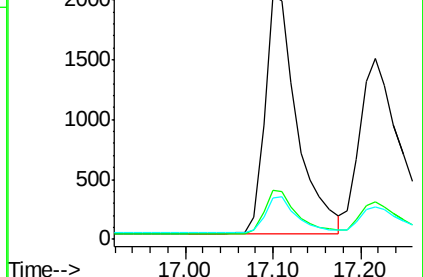
179 15.4 12.3 18.5



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: 0.340 ng

RT: 17.22 min Scan# 1597

Delta R.T. 0.03 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

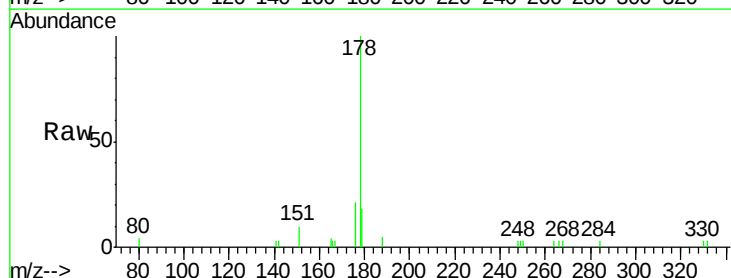
Tgt Ion:178 Resp: 4509

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

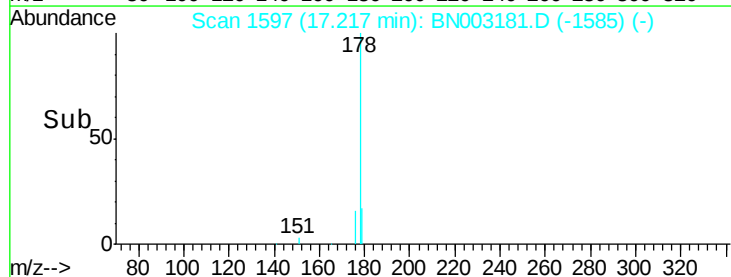
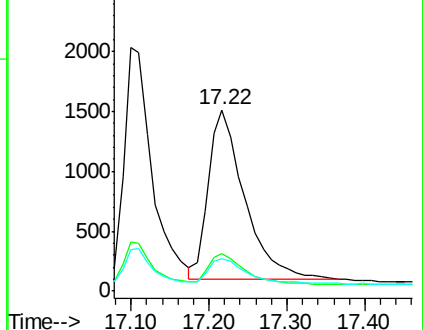
179 15.1 12.3 18.5

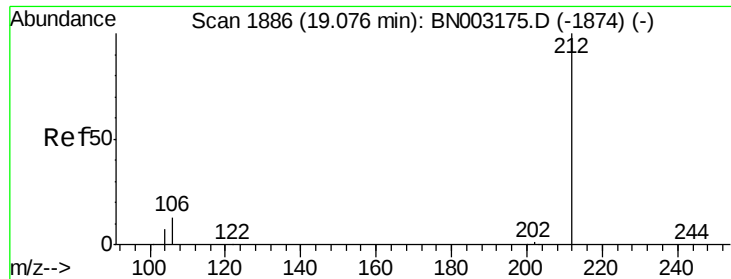


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.09 min Scan# 1889

Delta R.T. 0.01 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

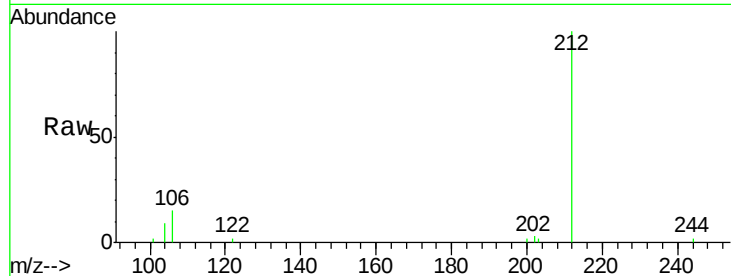
Tgt Ion:212 Resp: 6381

Ion Ratio Lower Upper

212 100

106 13.1 10.2 15.4

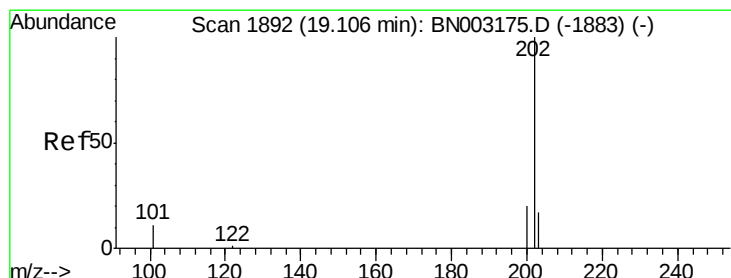
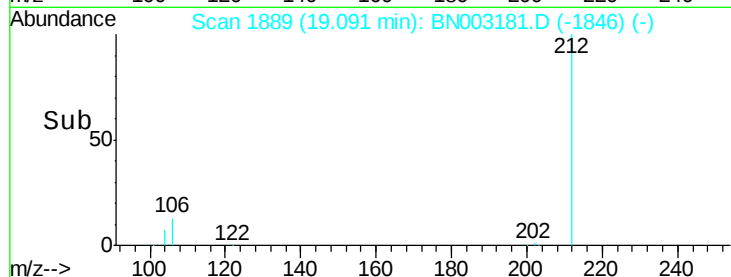
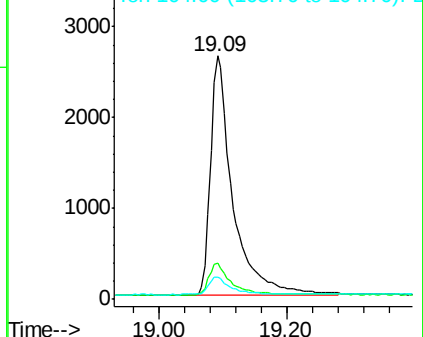
104 7.3 5.8 8.6



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: 0.371 ng

RT: 19.13 min Scan# 1896

Delta R.T. 0.02 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

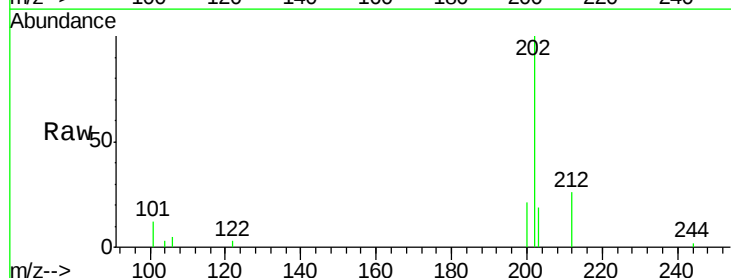
Tgt Ion:202 Resp: 6889

Ion Ratio Lower Upper

202 100

101 10.9 8.6 12.8

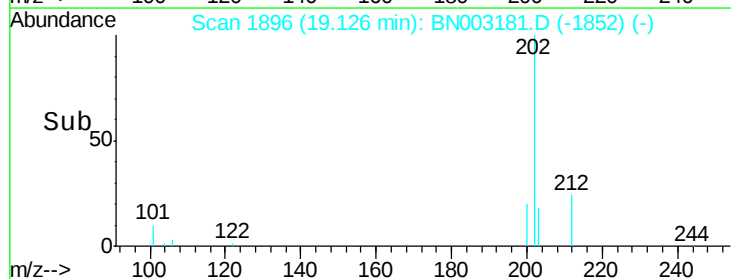
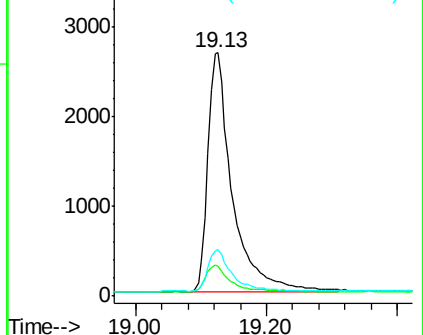
203 17.3 13.7 20.5

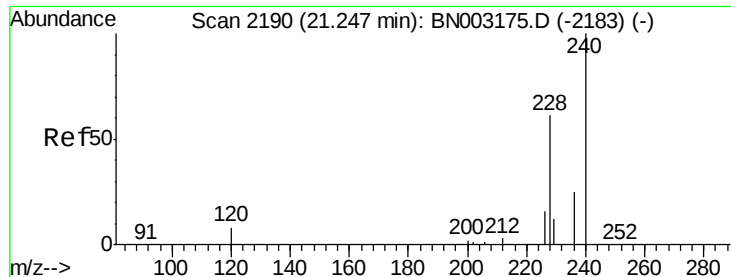


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

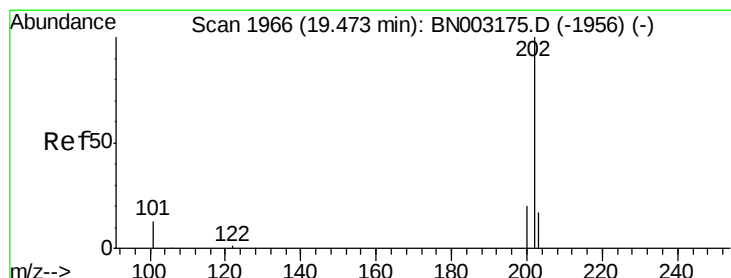
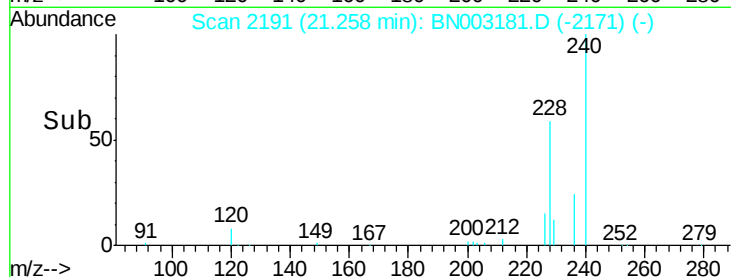
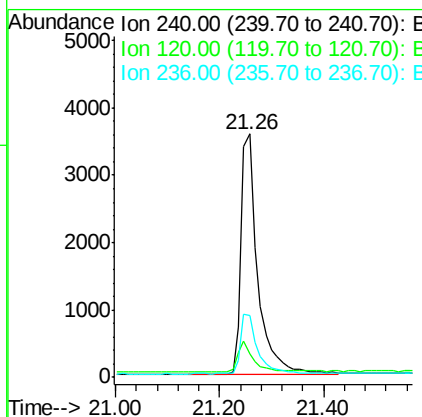
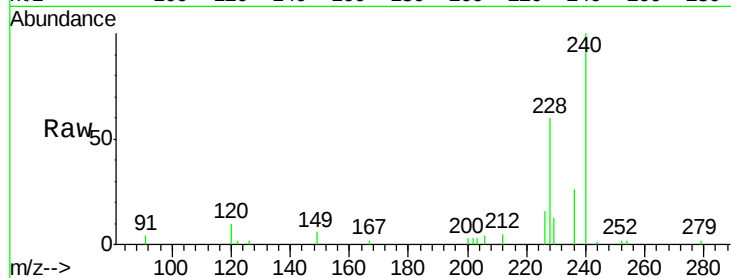




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BN003181.D
Acq: 17 Oct 2018 15:50

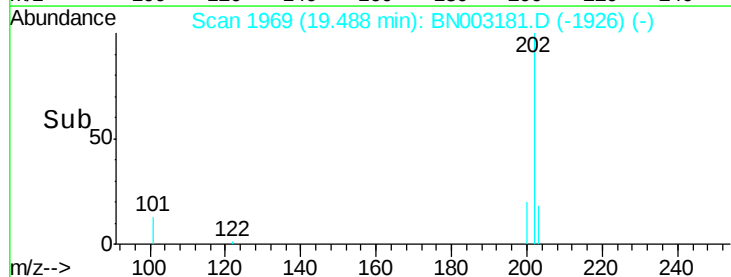
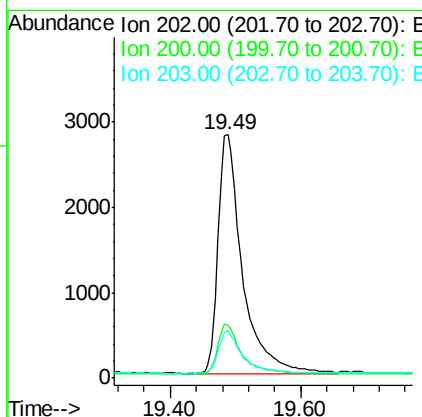
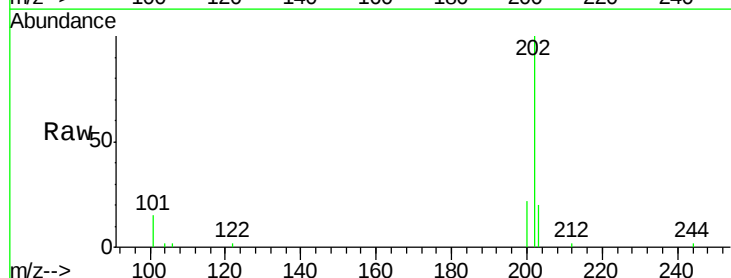
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

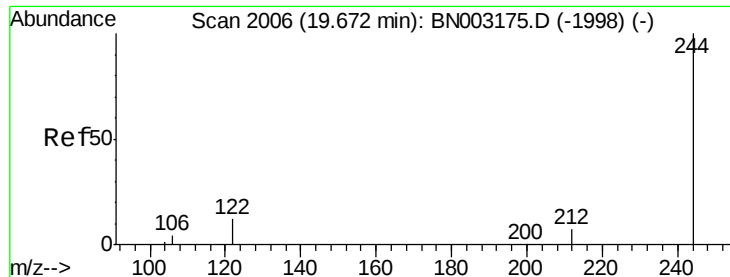
Tgt Ion:240 Resp: 7918
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.8
236 25.6 21.0 31.4



#28
Pyrene
Concen: 0.329 ng
RT: 19.49 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BN003181.D
Acq: 17 Oct 2018 15:50

Tgt Ion:202 Resp: 7292
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 0.322 ng

RT: 19.69 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

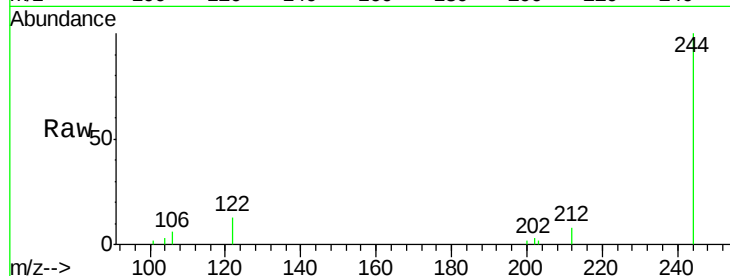
Tgt Ion:244 Resp: 5532

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

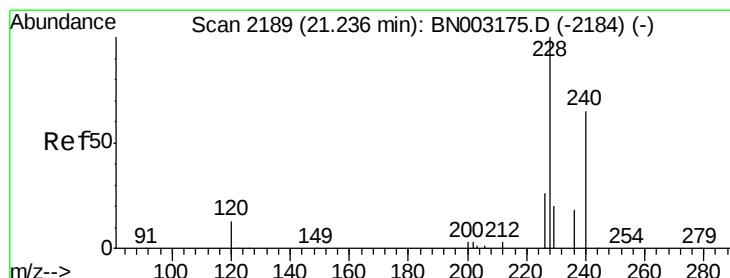
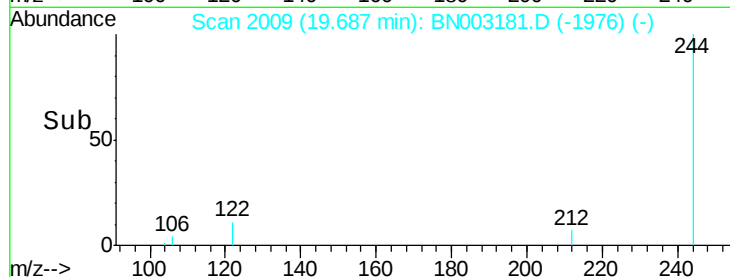
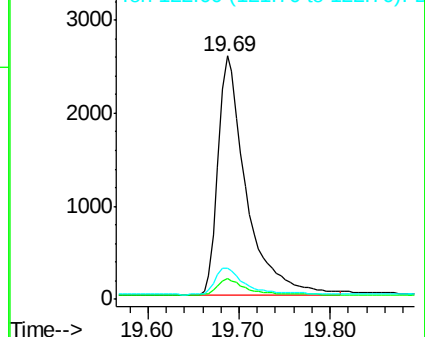
122 12.7 9.1 13.7



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: 0.320 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

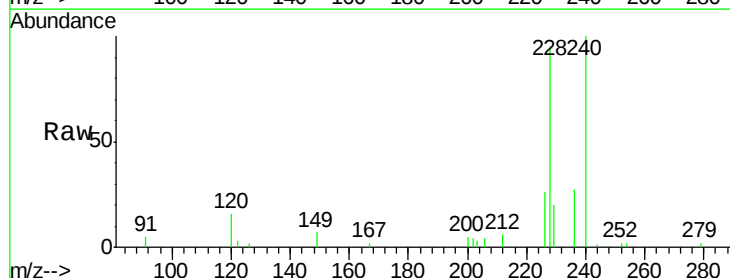
Tgt Ion:228 Resp: 6809

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

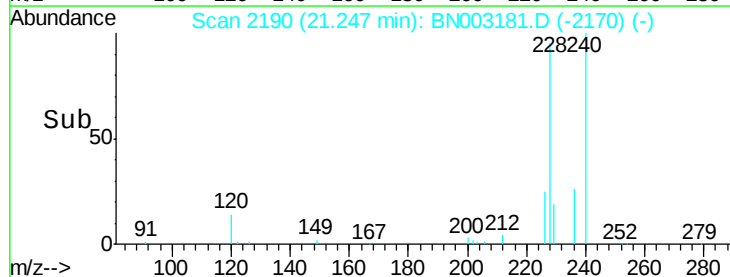
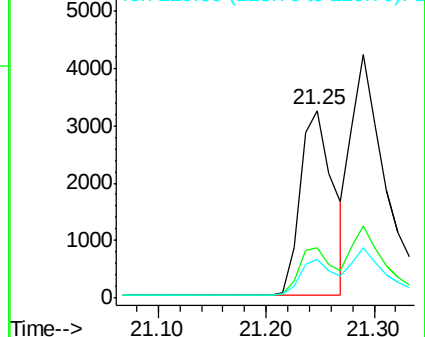
229 20.9 16.4 24.6

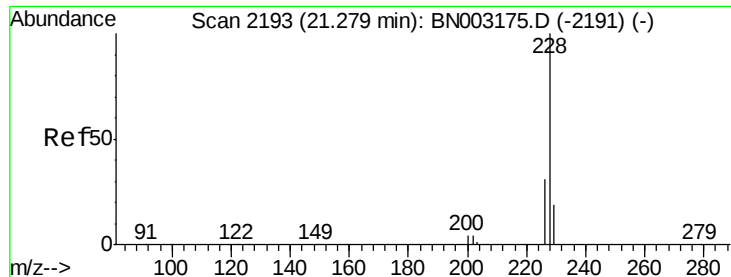


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.368 ng

RT: 21.29 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

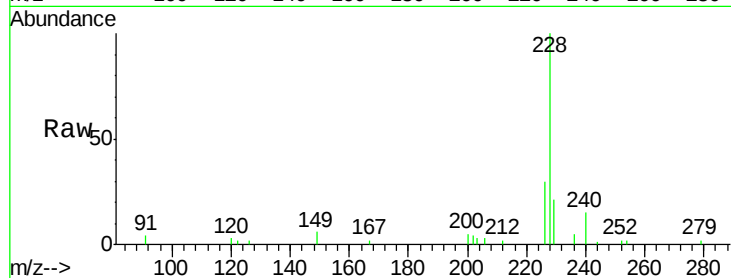
Tgt Ion:228 Resp: 8951

Ion Ratio Lower Upper

228 100

226 29.6 23.1 34.7

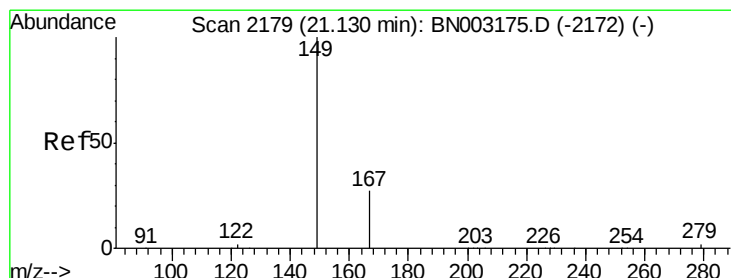
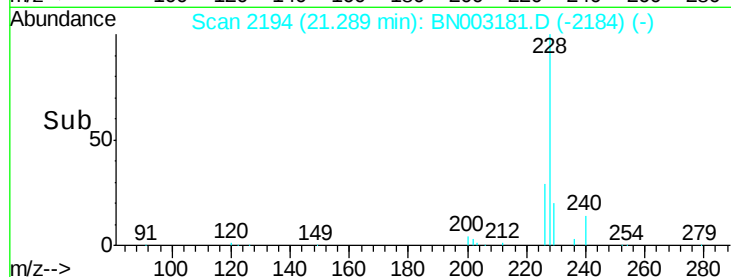
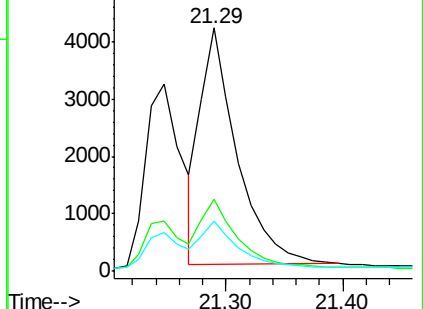
229 20.8 15.9 23.9



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: 0.320 ng

RT: 21.13 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

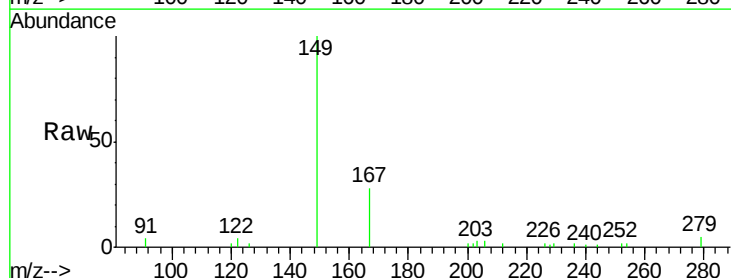
Tgt Ion:149 Resp: 4109

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.4

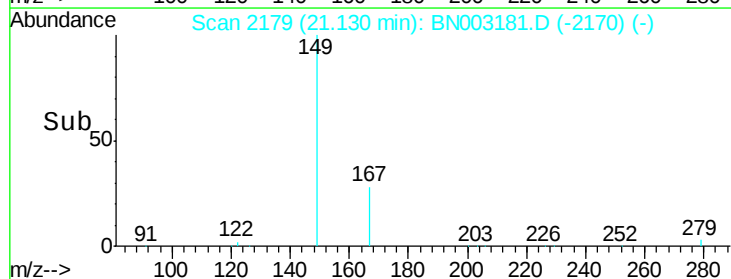
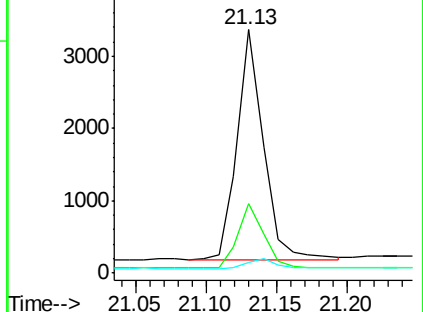
279 5.2 3.7 5.5

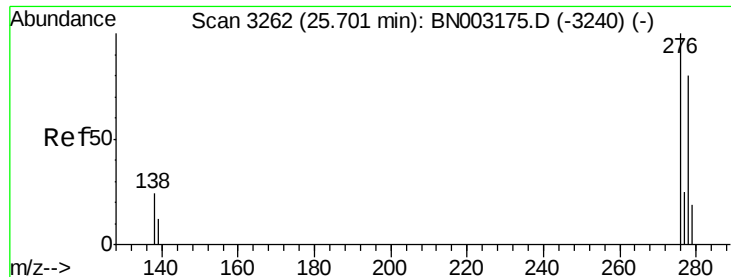


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.391 ng

RT: 25.72 min Scan# 3268

Delta R.T. 0.02 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

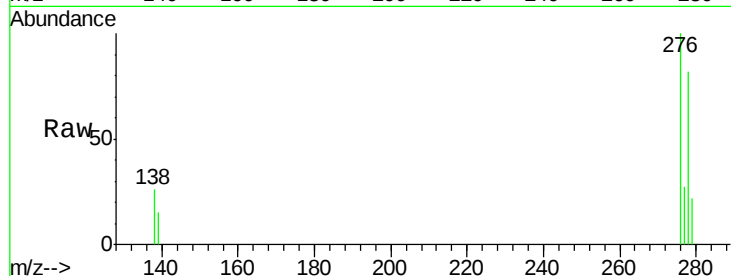
Tgt Ion:276 Resp: 11237

Ion Ratio Lower Upper

276 100

138 24.3 18.2 27.4

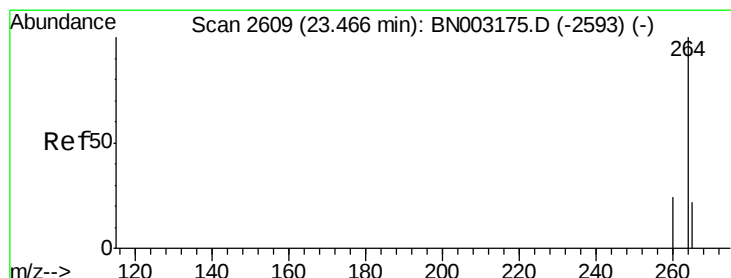
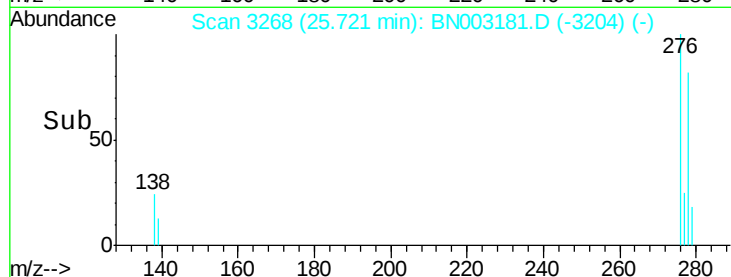
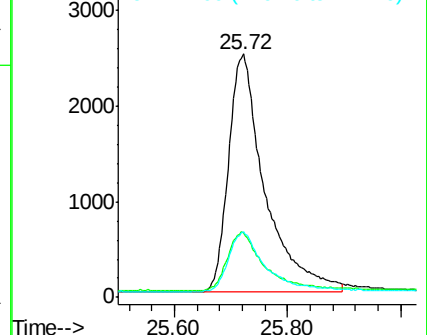
277 25.3 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.48 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

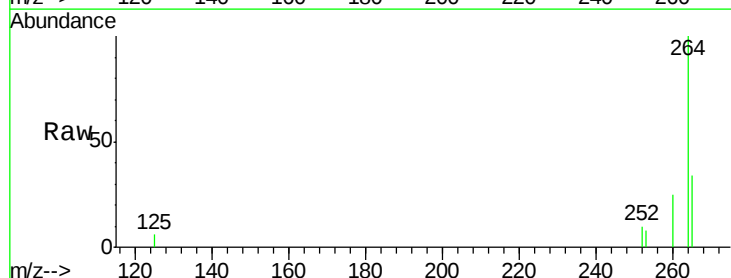
Tgt Ion:264 Resp: 9009

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

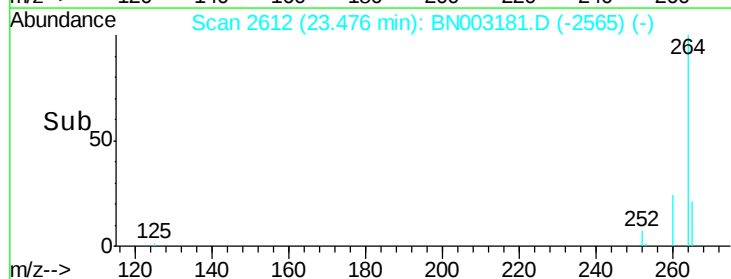
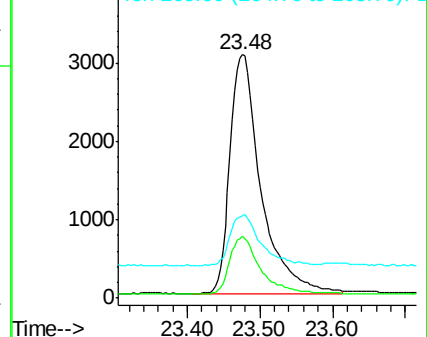
265 33.8 27.6 41.4

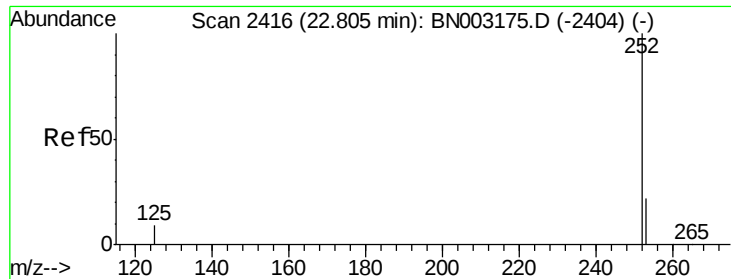


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

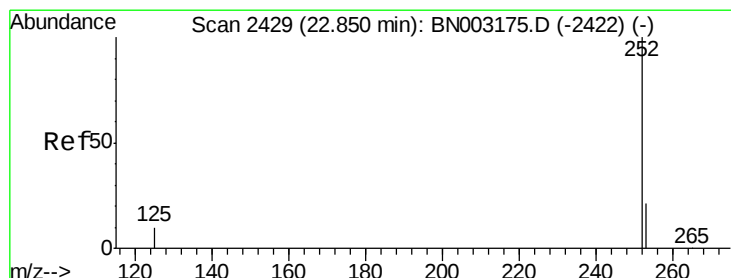
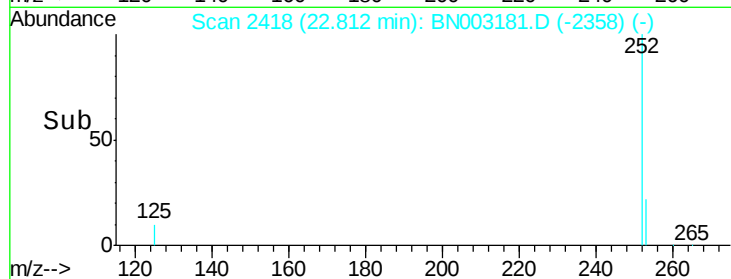
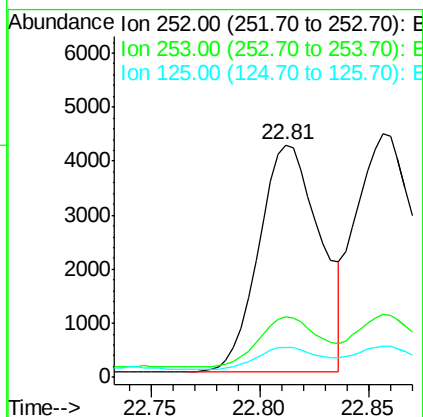
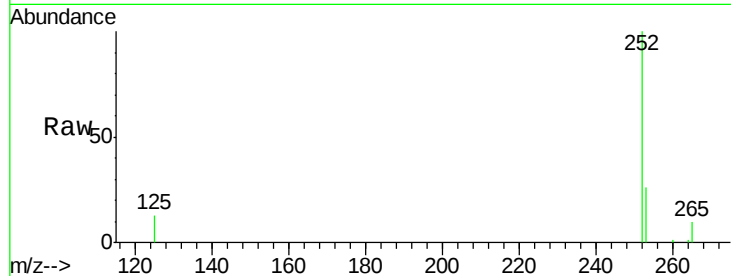




#35
Benzo(b)fluoranthene
Concen: 0.338 ng
RT: 22.81 min Scan# 2418
Delta R.T. 0.01 min
Lab File: BN003181.D
Acq: 17 Oct 2018 15:50

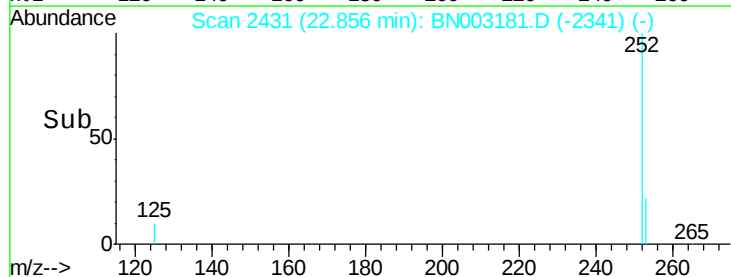
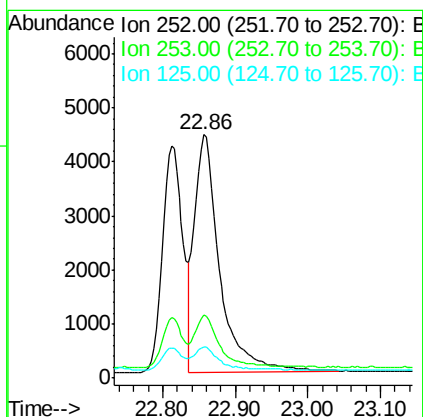
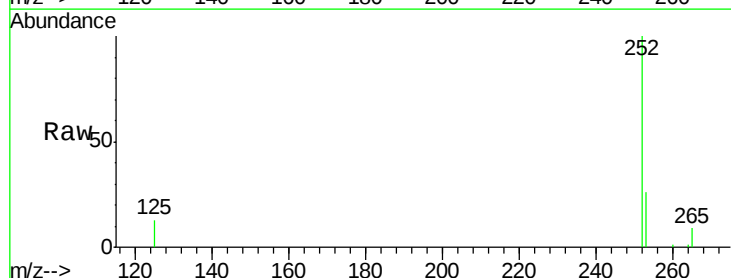
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

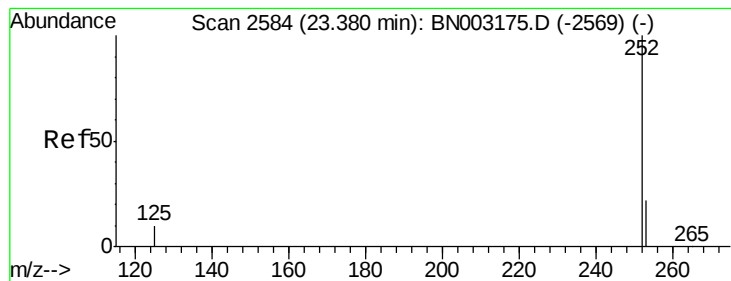
Tgt Ion:252 Resp: 8213
Ion Ratio Lower Upper
252 100
253 25.9 20.8 31.2
125 13.1 9.6 14.4



#36
Benzo(k)fluoranthene
Concen: 0.364 ng
RT: 22.86 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BN003181.D
Acq: 17 Oct 2018 15:50

Tgt Ion:252 Resp: 10444
Ion Ratio Lower Upper
252 100
253 25.8 20.5 30.7
125 12.8 9.4 14.0





#37

Benzo(a)pyrene

Concen: 0.355 ng

RT: 23.39 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

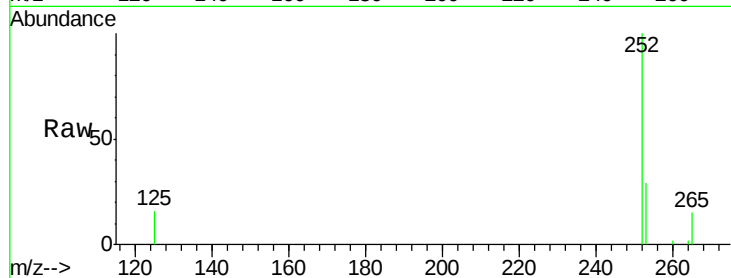
Tgt Ion:252 Resp: 8894

Ion Ratio Lower Upper

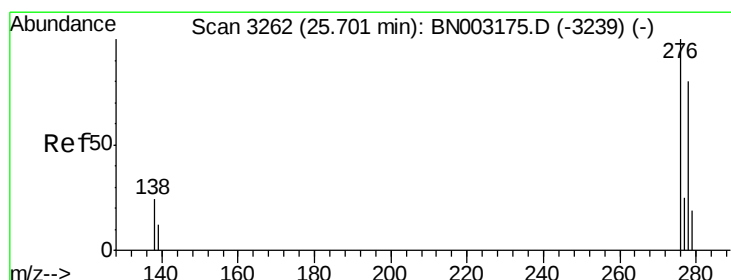
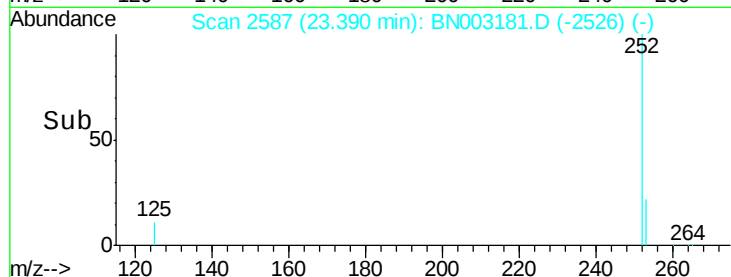
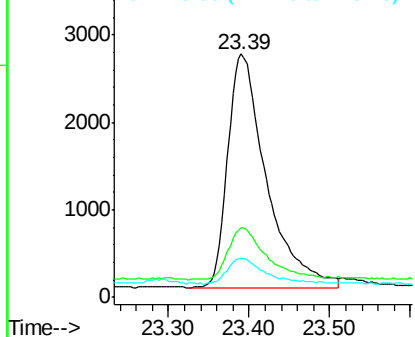
252 100

253 28.5 22.4 33.6

125 15.9 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: 0.369 ng

RT: 25.72 min Scan# 3268

Delta R.T. 0.02 min

Lab File: BN003181.D

Acq: 17 Oct 2018 15:50

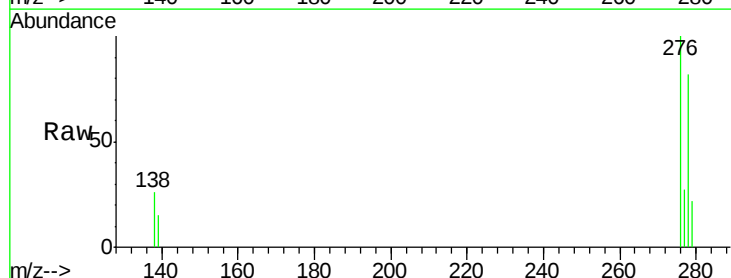
Tgt Ion:278 Resp: 9442

Ion Ratio Lower Upper

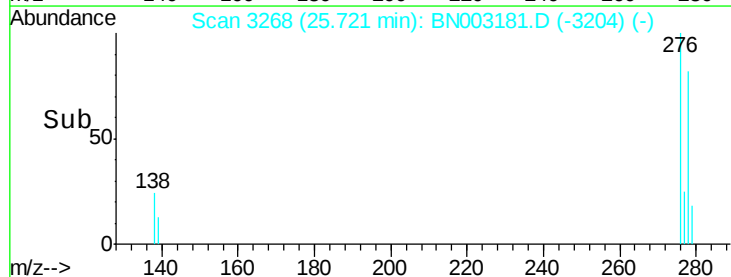
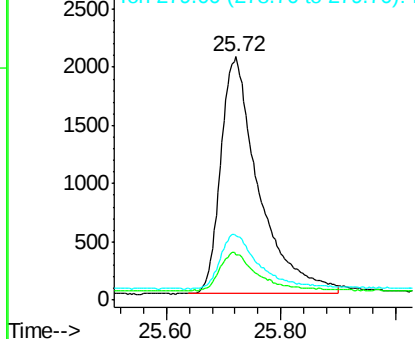
278 100

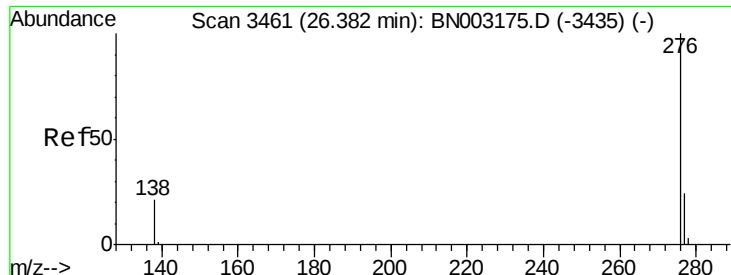
139 18.8 14.6 21.8

279 26.6 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: 0.373 ng

RT: 26.40 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BN003181.D

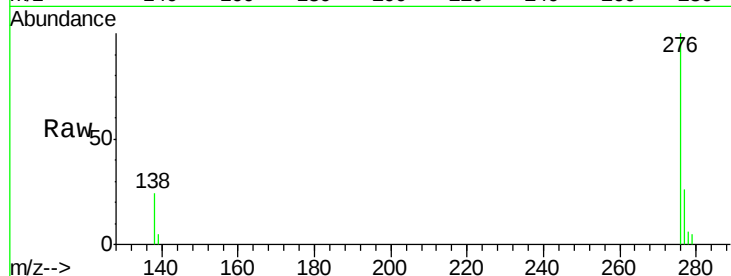
Acq: 17 Oct 2018 15:50

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



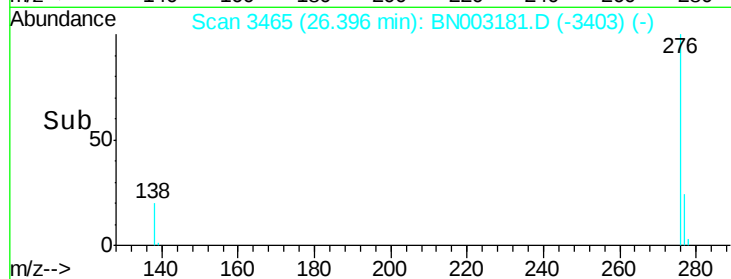
Tgt Ion: 276 Resp: 9652

Ion Ratio Lower Upper

276 100

277 26.1 21.0 31.4

138 24.1 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

