

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
 Data File : BN006762.D
 Acq On : 09 Jul 2019 09:15
 Operator : HP/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 09 12:31:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 12:25:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2601	0.40	ng	0.00
7) Naphthalene-d8	10.36	136	9985	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	6058	0.40	ng	0.00
19) Phenanthrene-d10	17.01	188	13966	0.40	ng	0.01
27) Chrysene-d12	21.24	240	14219	0.40	ng	0.00
34) Perylene-d12	23.47	264	16321	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1001	0.14	ng	0.03
5) Phenol-d6	6.86	99	1278	0.14	ng	0.05
8) Nitrobenzene-d5	8.82	82	1066	0.14	ng	0.04
11) 2-Methylnaphthalene-d10	11.99	152	2827	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	469	0.16	ng	0.01
15) 2-Fluorobiphenyl	12.87	172	4132	0.17	ng	0.01
25) Fluoranthene-d10	19.06	212	8095	0.20	ng	0.00
29) Terphenyl-d14	19.66	244	5978	0.18	ng	0.00

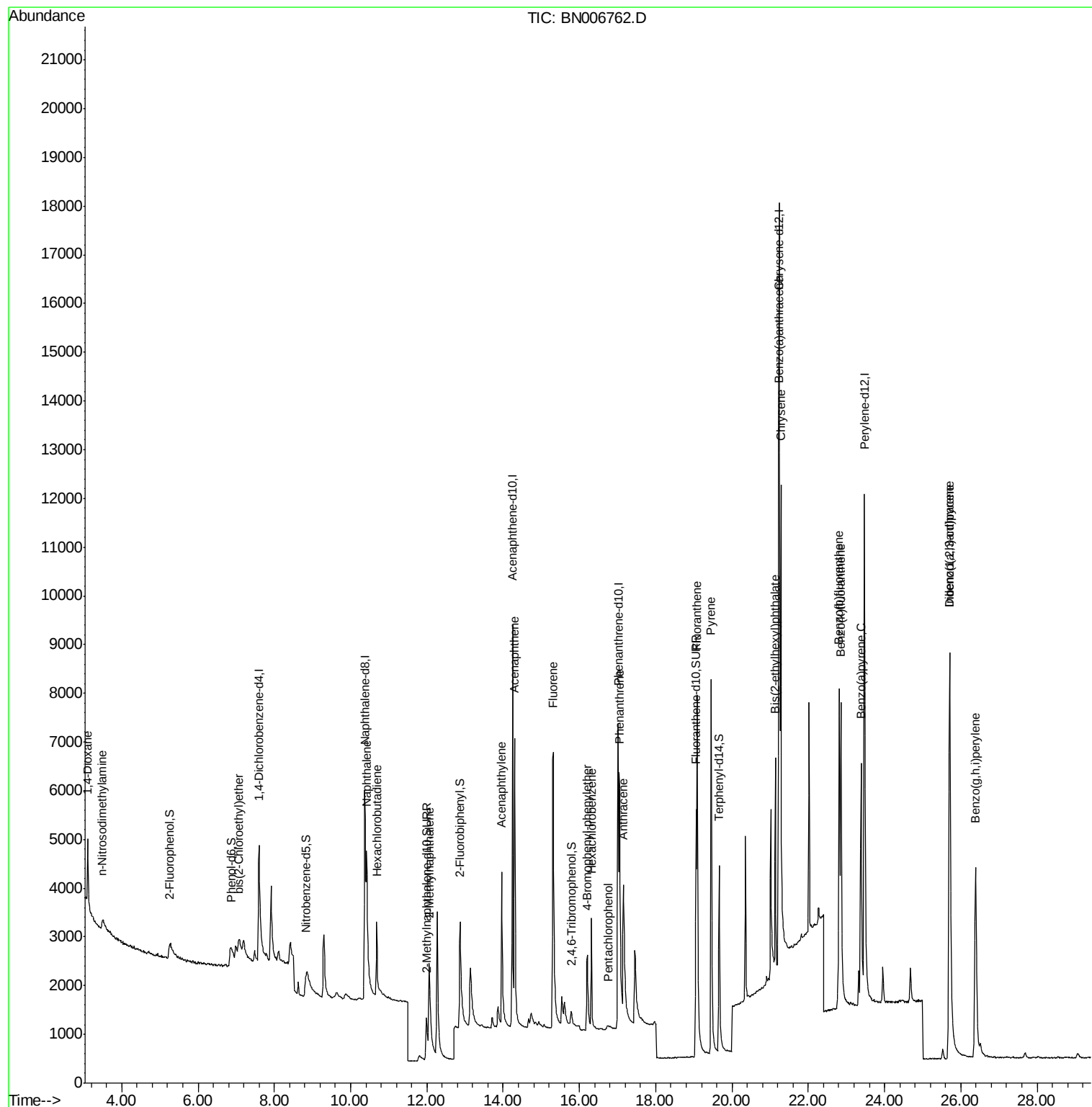
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	943	0.232	ng	98
3) n-Nitrosodimethylamine	3.49	42	165	0.054	ng	# 6
6) bis(2-Chloroethyl)ether	7.06	93	1164	0.154	ng	91
9) Naphthalene	10.42	128	5236	0.192	ng	# 94
10) Hexachlorobutadiene	10.68	225	1214	0.220	ng	# 100
12) 2-Methylnaphthalene	12.06	142	3217	0.159	ng	96
16) Acenaphthylene	13.96	152	5142	0.170	ng	99
17) Acenaphthene	14.30	154	3709	0.193	ng	98
18) Fluorene	15.31	166	4403	0.184	ng	98
20) 4-Bromophenyl-phenylether	16.21	248	1375	0.167	ng	95
21) Hexachlorobenzene	16.31	284	2000	0.204	ng	99
22) Pentachlorophenol	16.75	266	161	0.115	ng	# 82
23) Phenanthrene	17.06	178	7121	0.177	ng	99
24) Anthracene	17.15	178	5782	0.159	ng	100
26) Fluoranthene	19.09	202	9270	0.196	ng	99
28) Pyrene	19.45	202	9596	0.169	ng	100
30) Benzo(a)anthracene	21.23	228	8260	0.168	ng	99
31) Chrysene	21.28	228	9227	0.183	ng	98
32) Bis(2-ethylhexyl)phthalate	21.14	149	3924	0.027	ng	96
33) Indeno(1,2,3-cd)pyrene	25.71	276	11568	0.191	ng	99
35) Benzo(b)fluoranthene	22.81	252	9111	0.174	ng	# 93
36) Benzo(k)fluoranthene	22.86	252	11351	0.200	ng	# 93
37) Benzo(a)pyrene	23.38	252	8991	0.177	ng	# 91
38) Dibenzo(a,h)anthracene	25.71	278	9186	0.182	ng	94
39) Benzo(g,h,i)perylene	26.39	276	9912	0.191	ng	97

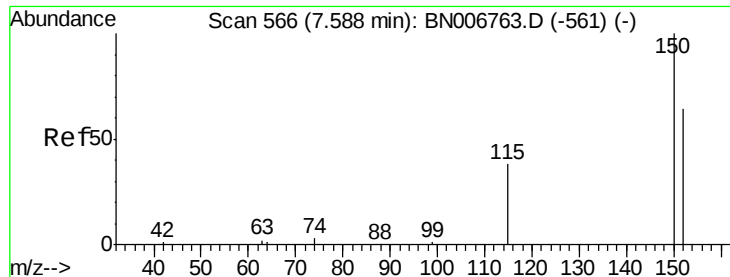
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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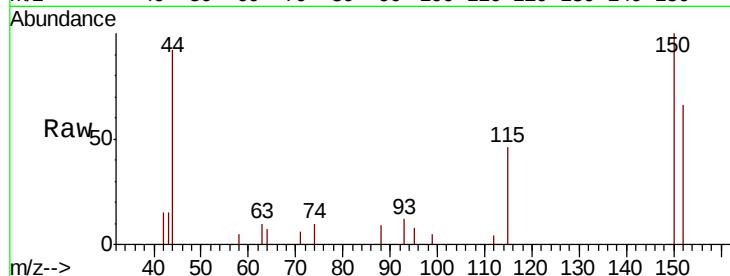


#1

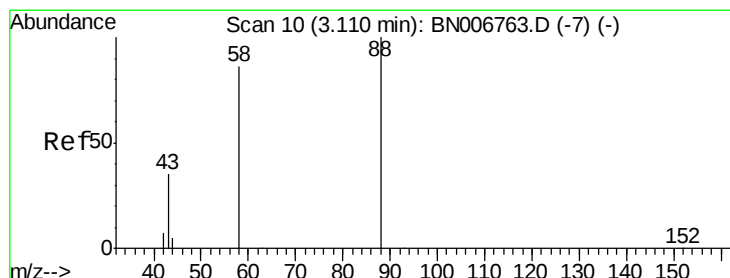
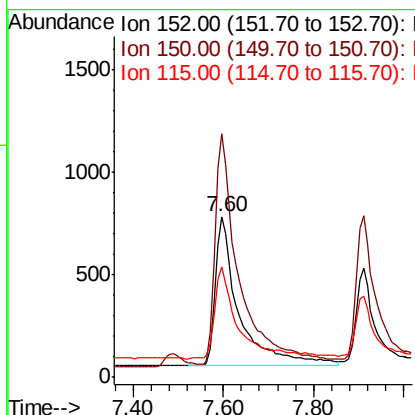
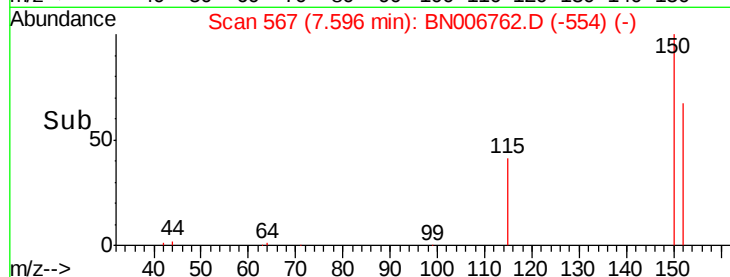
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. 0.01 min
Lab File: BN006762.D
Acq: 09 Jul 2019 09:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2601
Ion Ratio Lower Upper
152 100
150 151.8 123.6 185.4
115 69.2 52.5 78.7



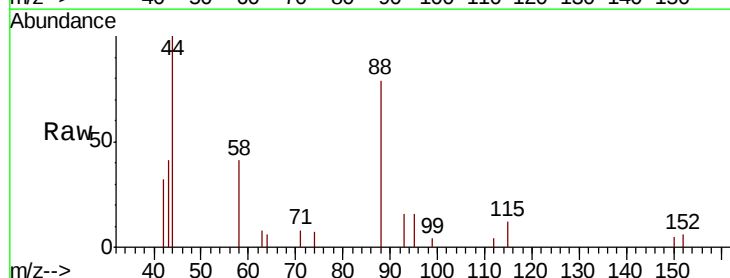
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



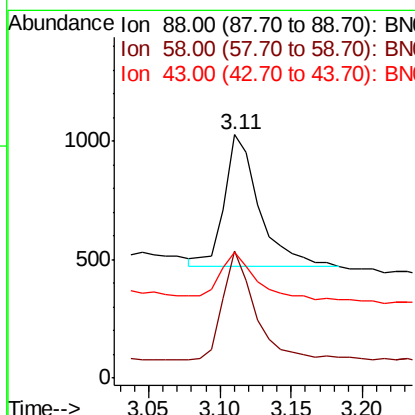
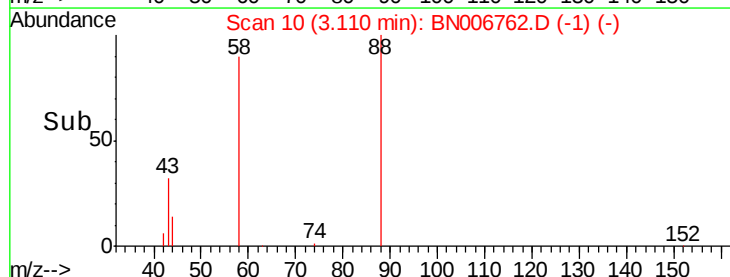
#2

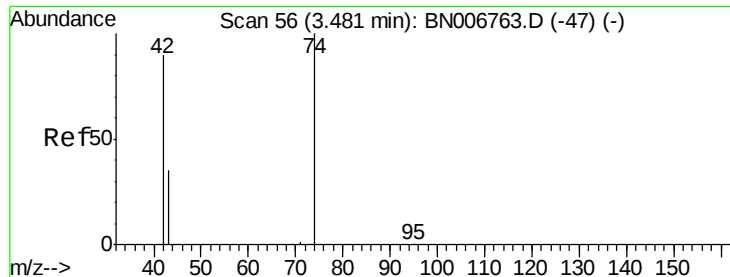
1,4-Dioxane
Concen: 0.232 ng
RT: 3.11 min Scan# 10
Delta R.T. 0.00 min
Lab File: BN006762.D
Acq: 09 Jul 2019 09:15

Tgt Ion: 88 Resp: 943
Ion Ratio Lower Upper
88 100
58 76.5 61.8 92.6
43 36.7 27.9 41.9



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: 0.054 ng

RT: 3.49 min Scan# 57

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampled :

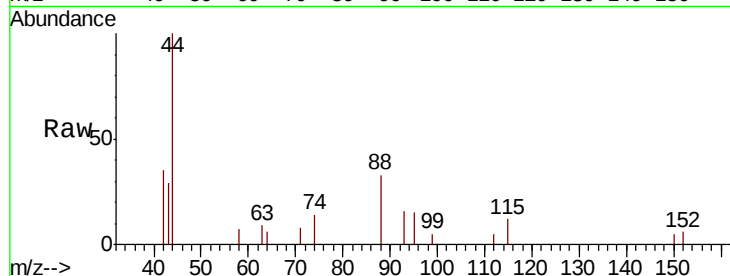
Tot Ion: 42 Resp: 165

Ion Ratio Lower Upper

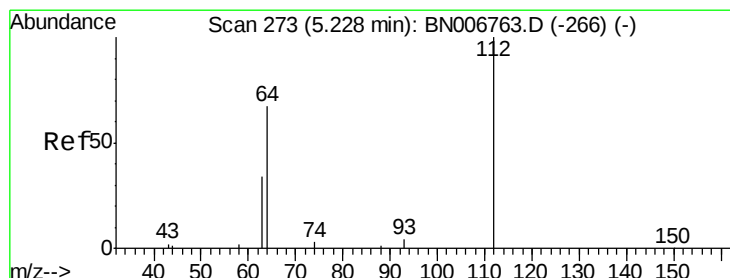
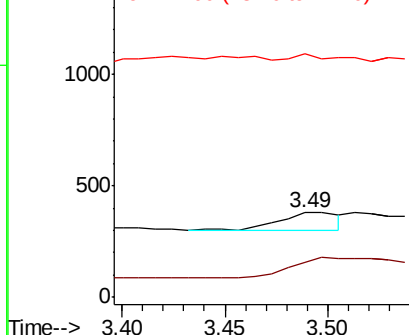
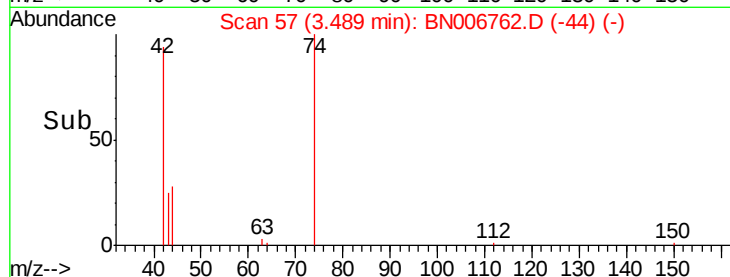
42 100

74 209.1 86.2 129.4#

44 27.9 7.0 10.6#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.142 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.03 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

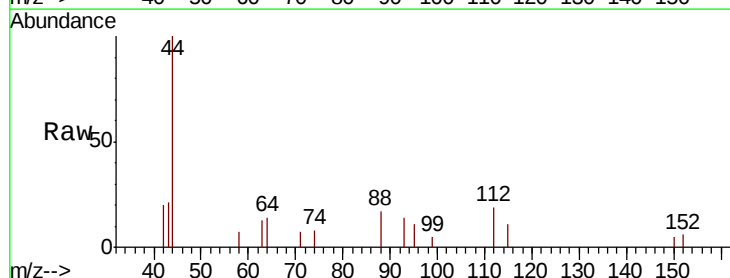
Tgt Ion: 112 Resp: 1001

Ion Ratio Lower Upper

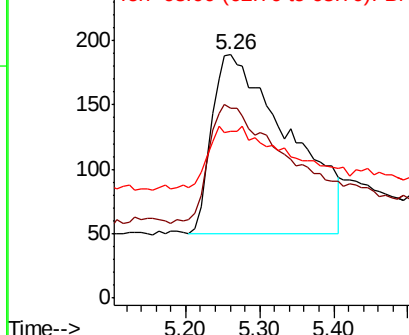
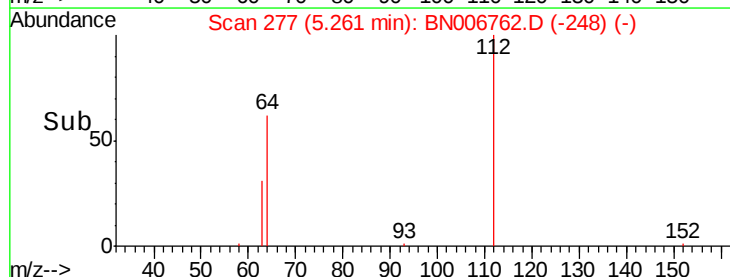
112 100

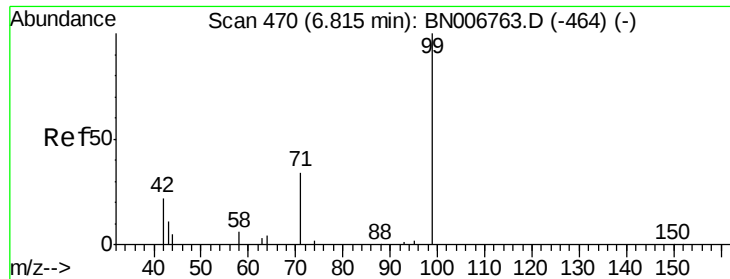
64 66.5 52.7 79.1

63 10.7 27.7 41.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.143 ng

RT: 6.86 min Scan# 476

Delta R.T. 0.05 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampled :

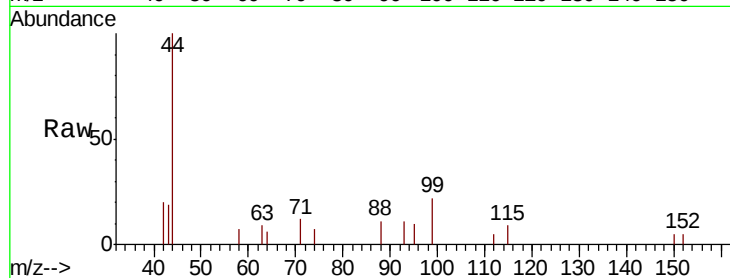
Tot Ion: 99 Resp: 1278

Ion Ratio Lower Upper

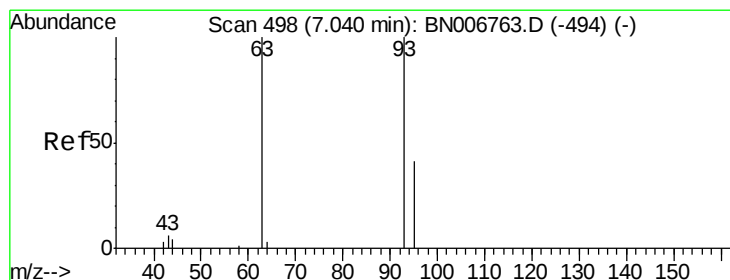
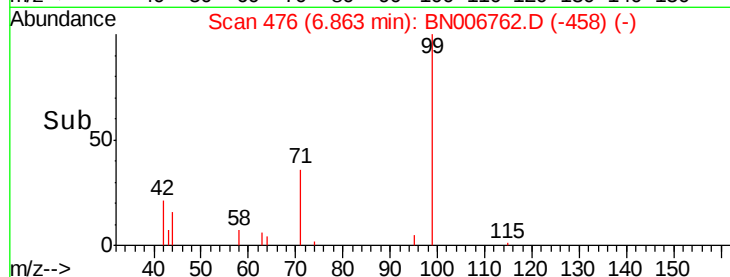
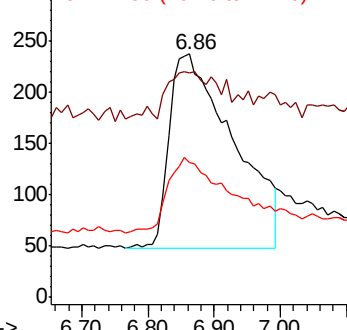
99 100

42 20.6 17.0 25.6

71 37.8 29.1 43.7



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.154 ng

RT: 7.06 min Scan# 501

Delta R.T. 0.02 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

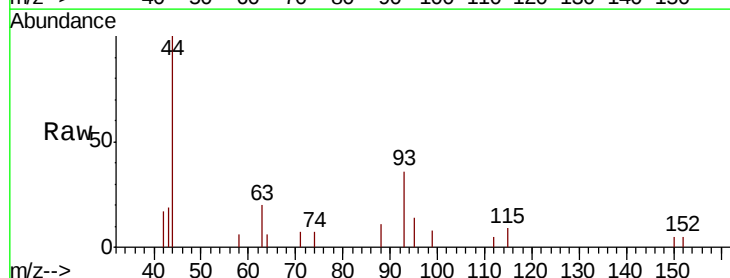
Tgt Ion: 93 Resp: 1164

Ion Ratio Lower Upper

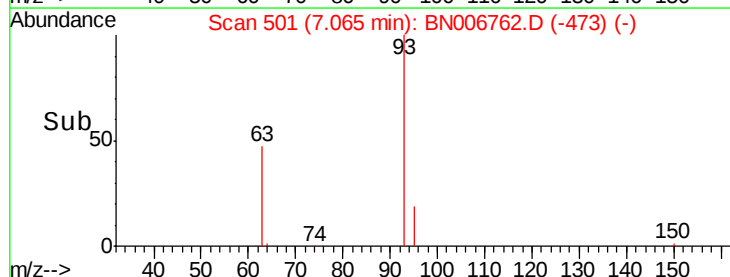
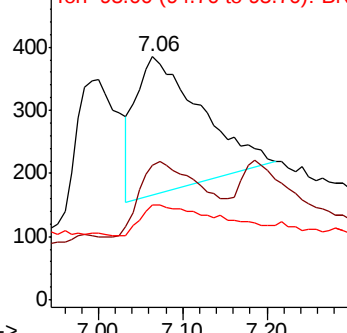
93 100

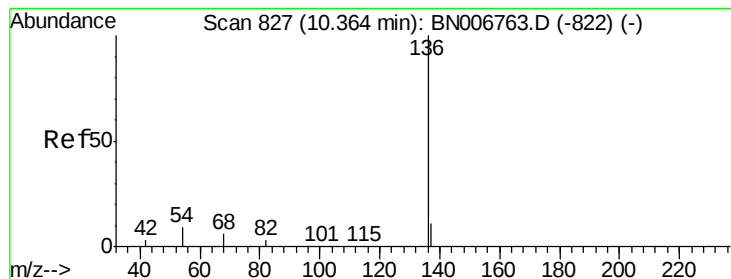
63 52.2 48.6 73.0

95 27.0 22.9 34.3



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. 0.00 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 9985

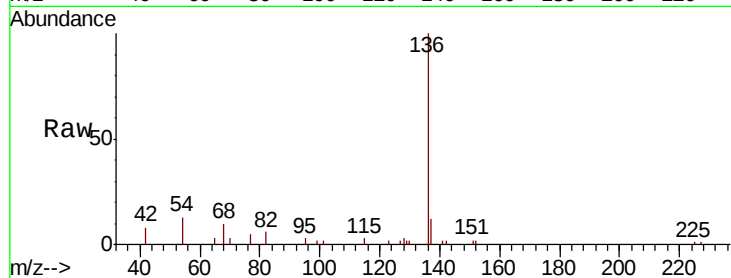
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 13.3 8.4 12.6#

68 9.6 6.4 9.6#

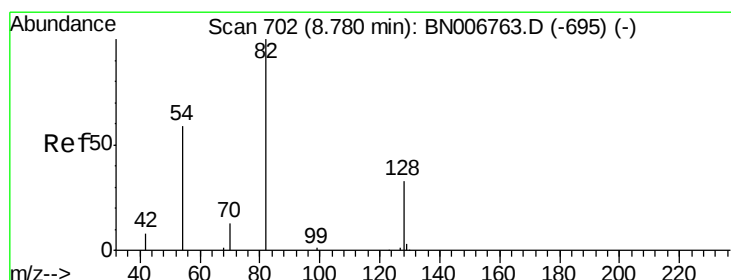
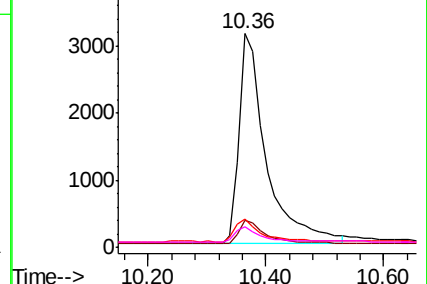
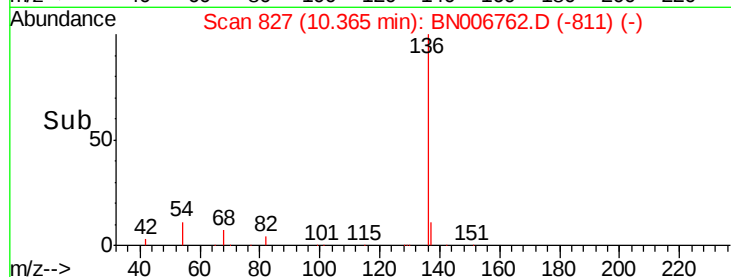


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.139 ng

RT: 8.82 min Scan# 705

Delta R.T. 0.04 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

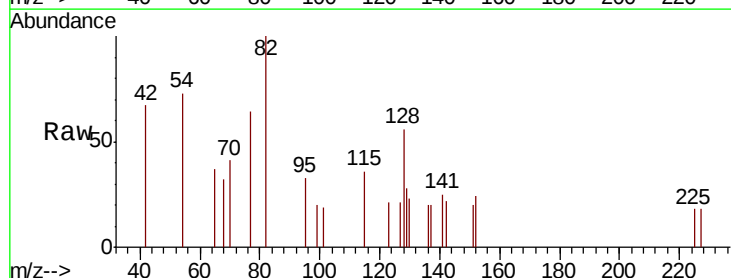
Tgt Ion: 82 Resp: 1066

Ion Ratio Lower Upper

82 100

128 56.0 33.0 49.6#

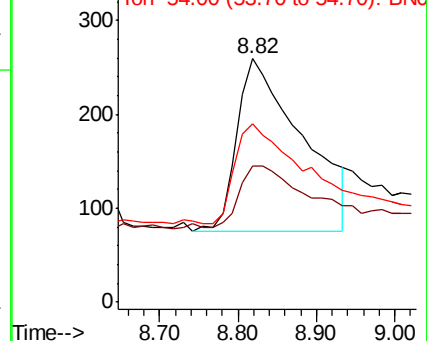
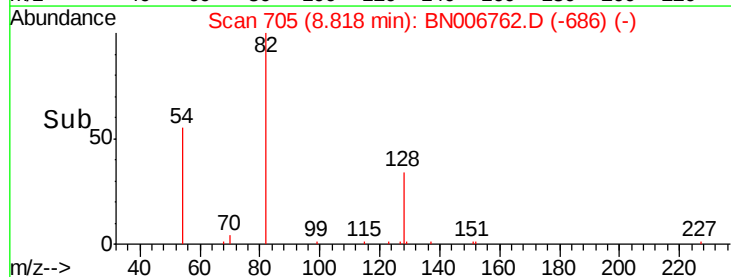
54 73.4 52.2 78.2

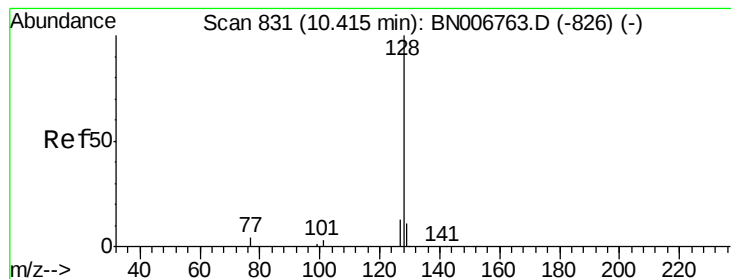


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.192 ng

RT: 10.42 min Scan# 831

Delta R.T. 0.00 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampleId :

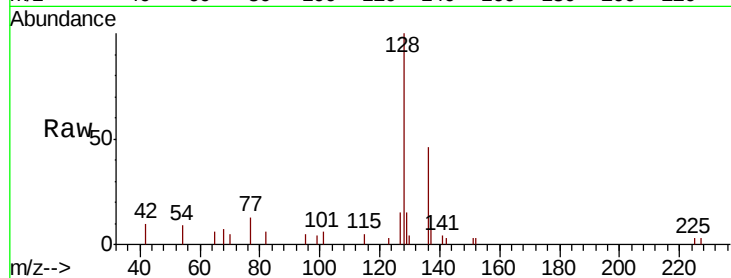
Tot Ion:128 Resp: 5236

Ion Ratio Lower Upper

128 100

129 14.7 9.6 14.4#

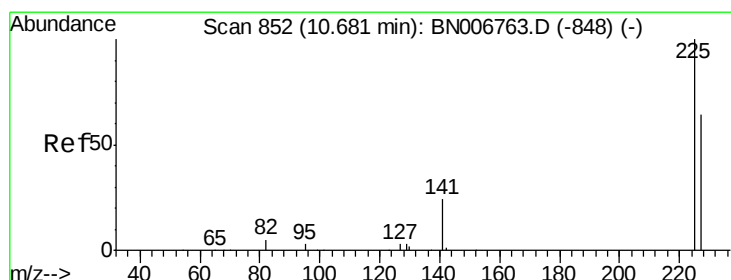
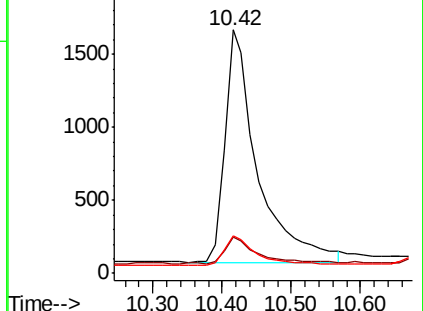
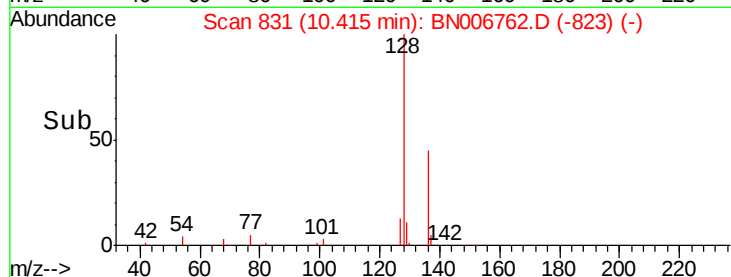
127 15.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.220 ng

RT: 10.68 min Scan# 852

Delta R.T. 0.00 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

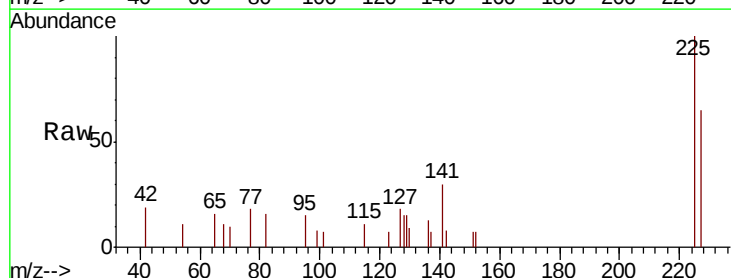
Tgt Ion:225 Resp: 1214

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

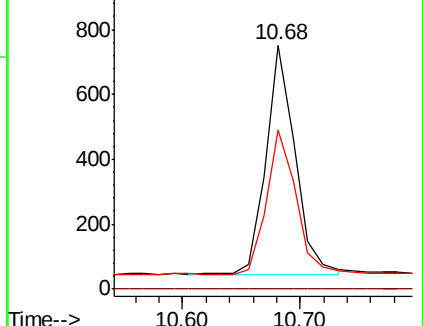
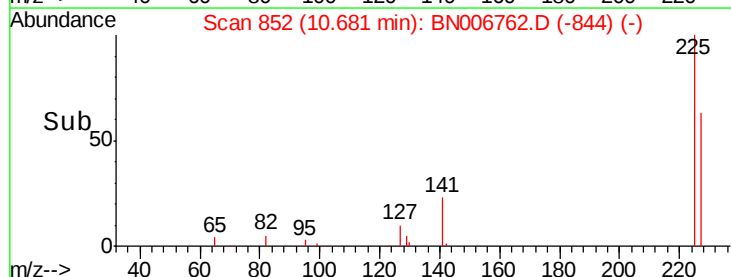
227 63.6 50.8 76.2

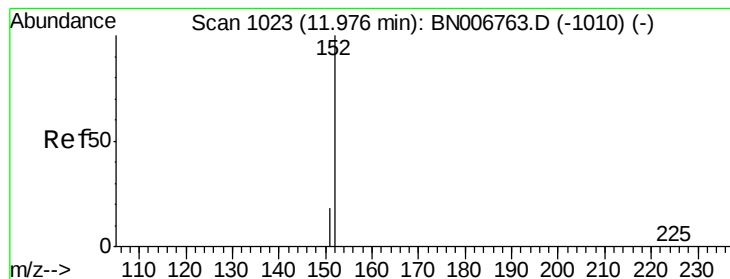


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.188 ng

RT: 11.99 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

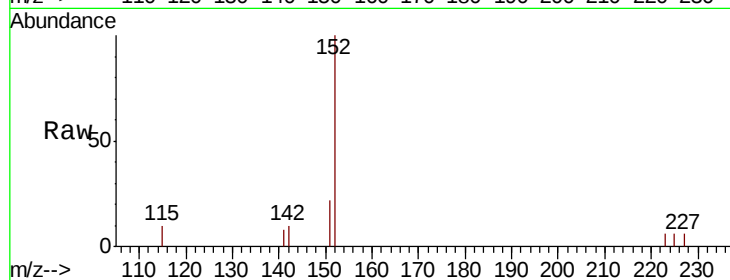
ClientSampleId :

Tot Ion:152 Resp: 2827

Ion Ratio Lower Upper

152 100

151 18.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.99

800

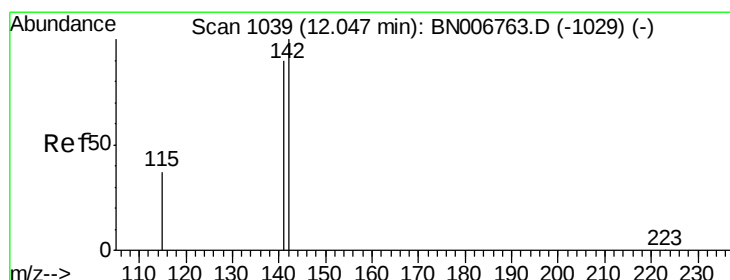
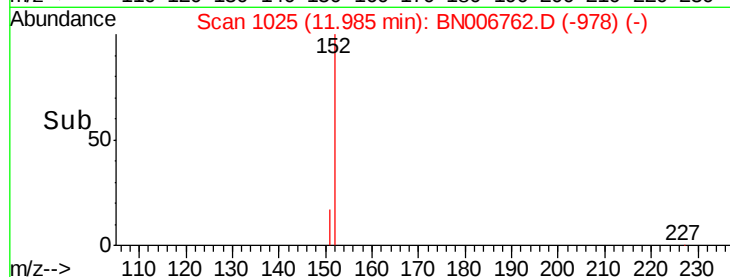
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.159 ng

RT: 12.06 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

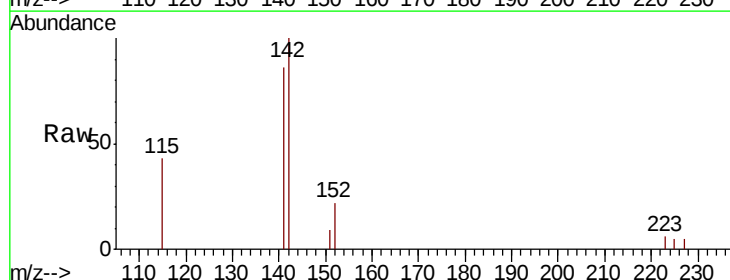
Tgt Ion:142 Resp: 3217

Ion Ratio Lower Upper

142 100

141 86.3 71.7 107.5

115 42.9 31.2 46.8



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

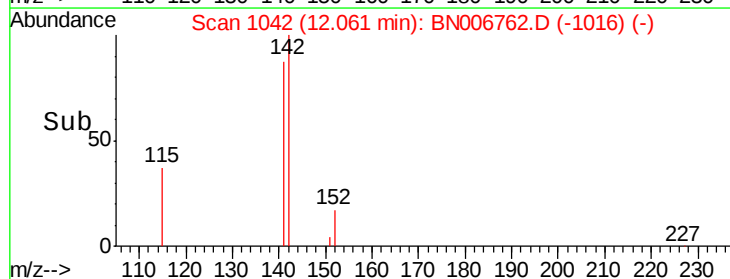
1500

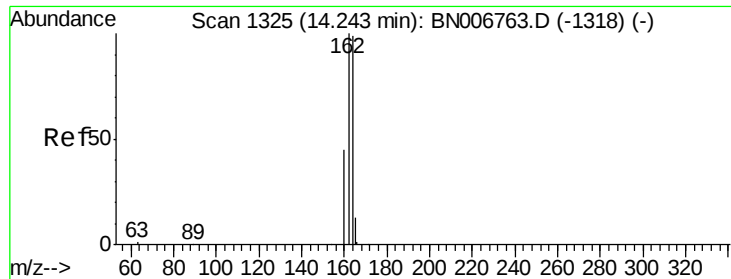
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampleId :

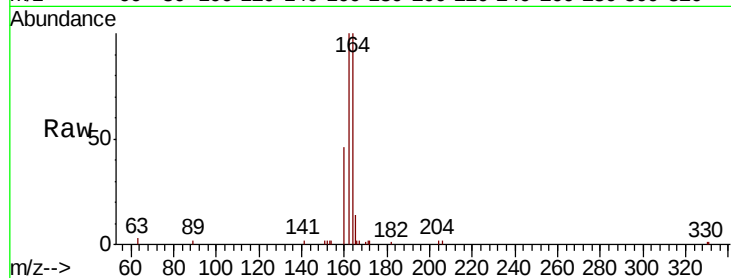
Tot Ion:164 Resp: 6058

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

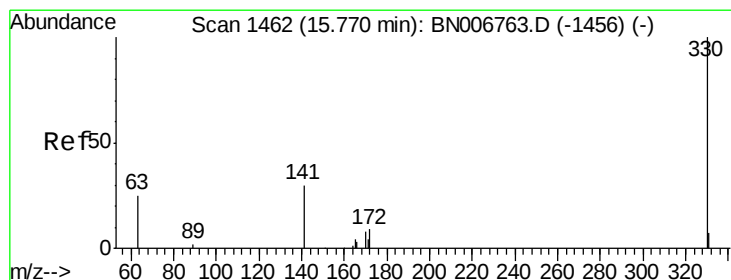
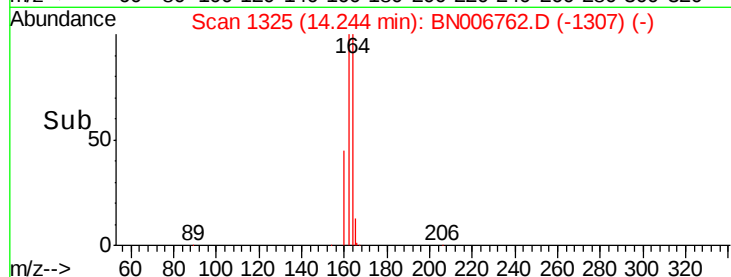
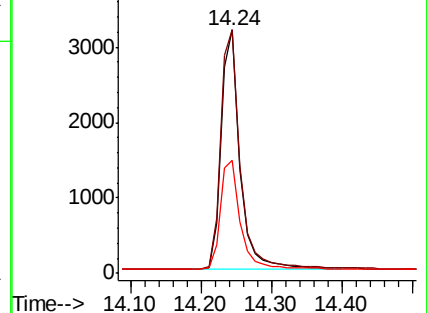
160 46.3 37.4 56.0



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: 0.158 ng

RT: 15.78 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

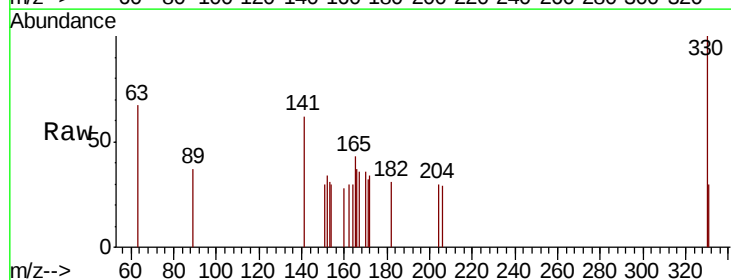
Tgt Ion:330 Resp: 469

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

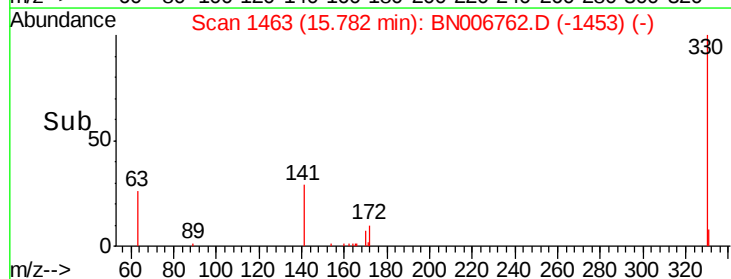
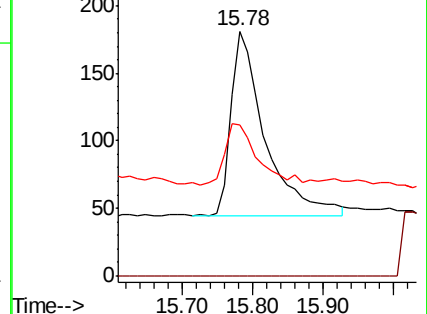
141 33.0 26.6 39.8

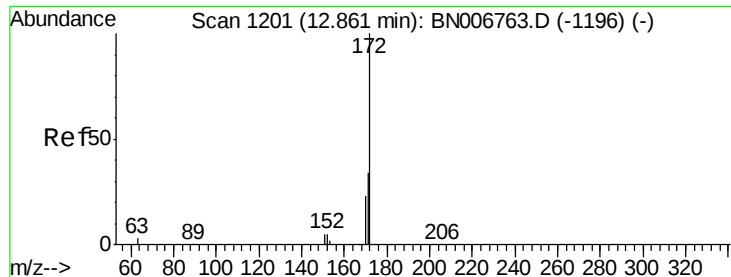


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

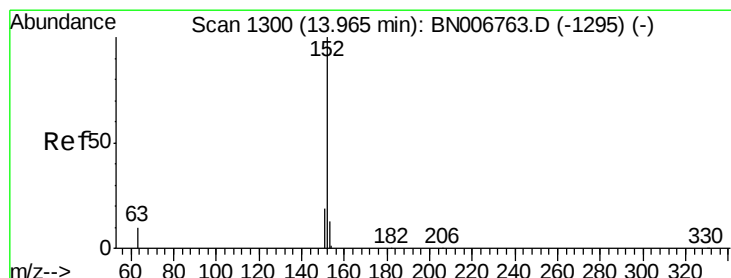
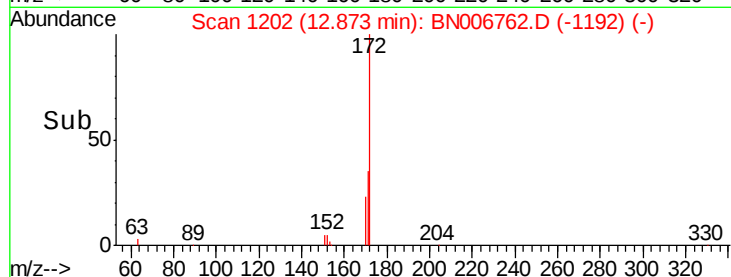
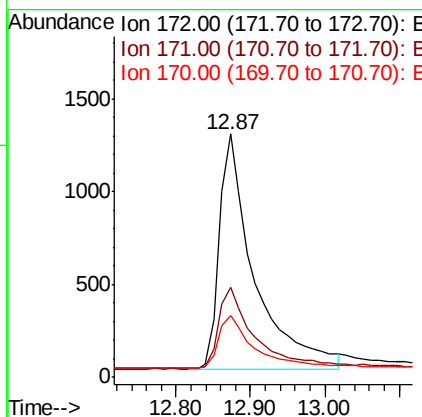
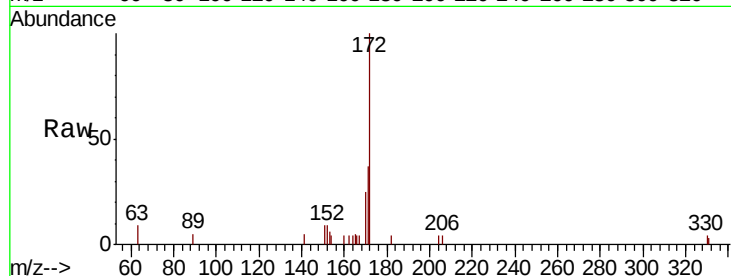




#15
2-Fluorobiphenyl
Concen: 0.174 ng
RT: 12.87 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BN006762.D
Acq: 09 Jul 2019 09:15

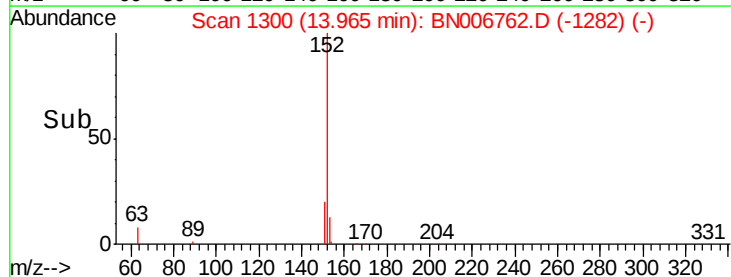
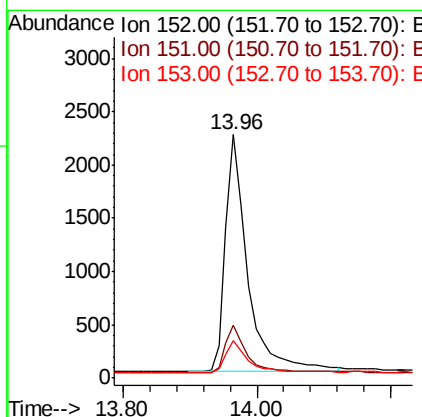
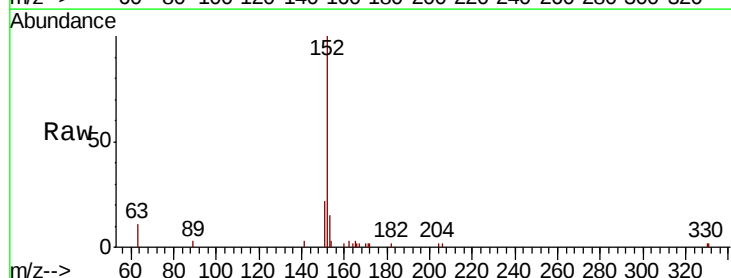
Instrument :
BNA_N
ClientSampleId :

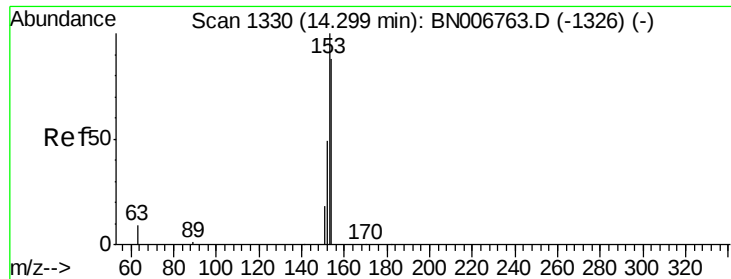
Tot Ion:172 Resp: 4132
Ion Ratio Lower Upper
172 100
171 37.2 27.8 41.6
170 25.5 19.0 28.6



#16
Acenaphthylene
Concen: 0.170 ng
RT: 13.96 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN006762.D
Acq: 09 Jul 2019 09:15

Tgt Ion:152 Resp: 5142
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 13.9 10.5 15.7

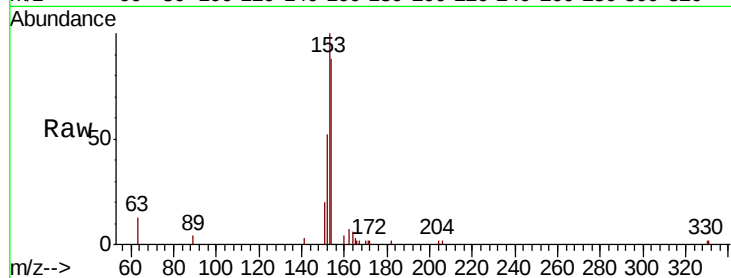




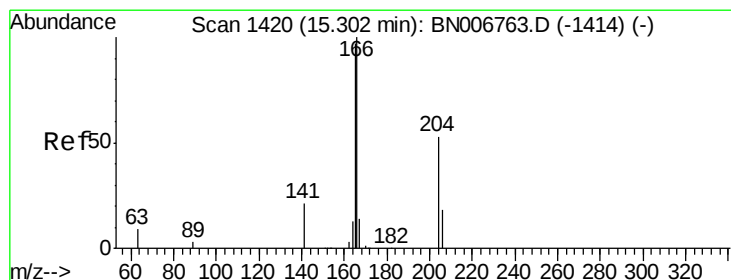
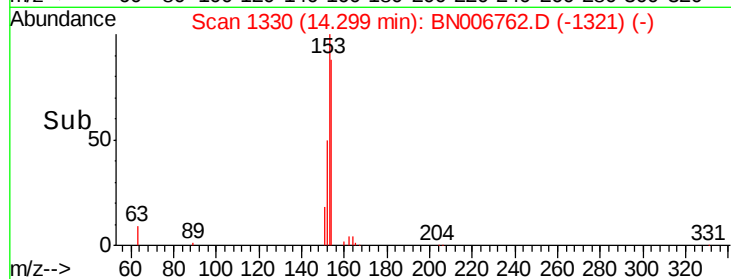
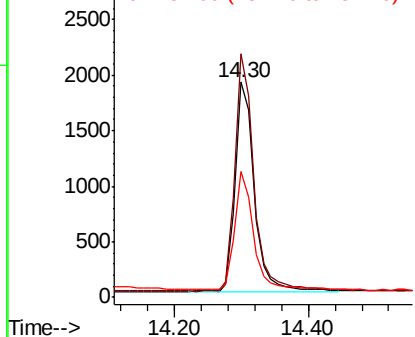
#17
Acenaphthene
Concen: 0.193 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN006762.D
Acq: 09 Jul 2019 09:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:154 Resp: 3709
Ion Ratio Lower Upper
154 100
153 112.0 90.8 136.2
152 54.6 44.9 67.3

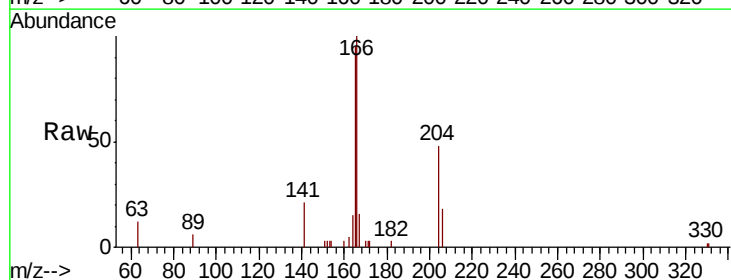


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

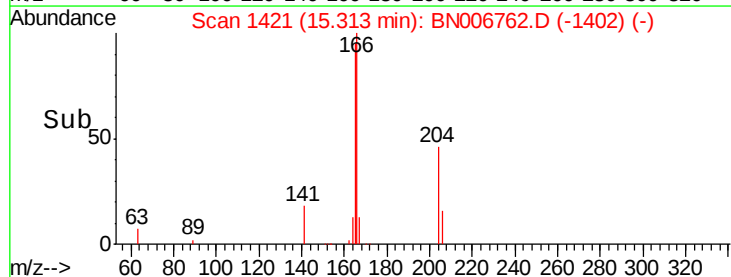
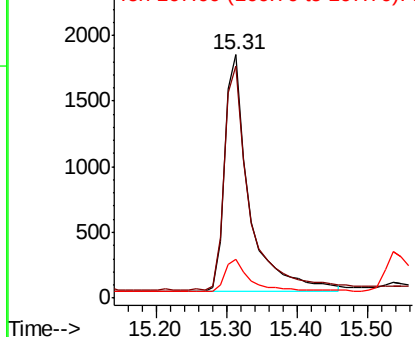


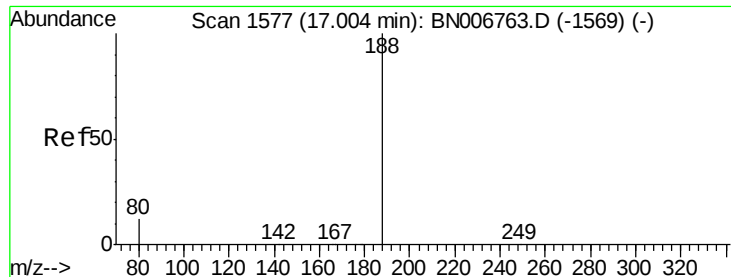
#18
Fluorene
Concen: 0.184 ng
RT: 15.31 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BN006762.D
Acq: 09 Jul 2019 09:15

Tgt Ion:166 Resp: 4403
Ion Ratio Lower Upper
166 100
165 96.1 78.2 117.4
167 13.9 10.9 16.3



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: 17.01 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampleId :

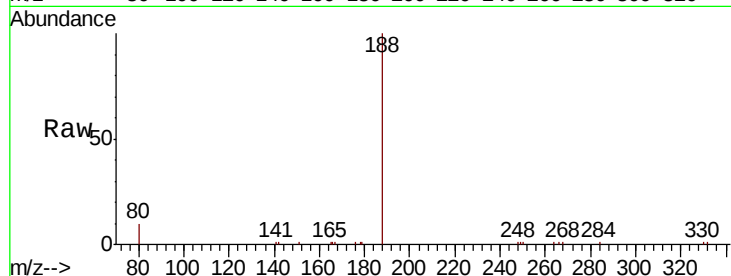
Tot Ion:188 Resp: 13966

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

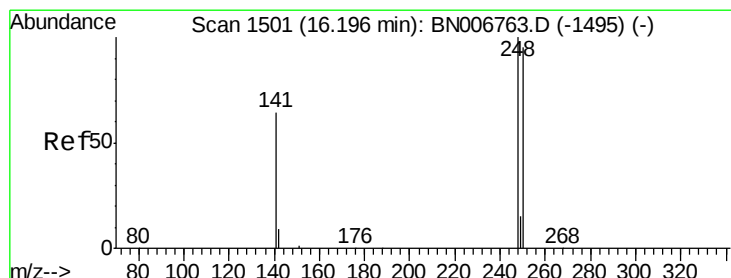
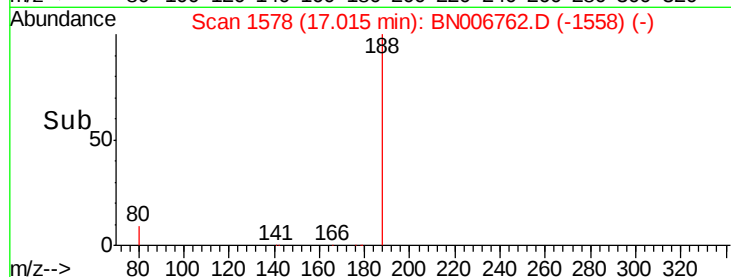
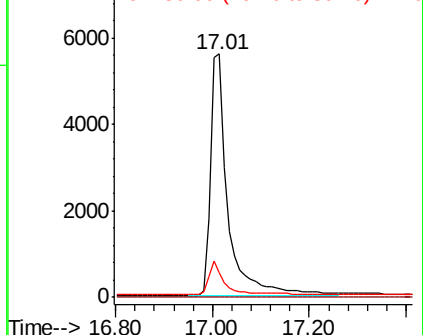
80 10.2 10.1 15.1



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: 0.167 ng

RT: 16.21 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

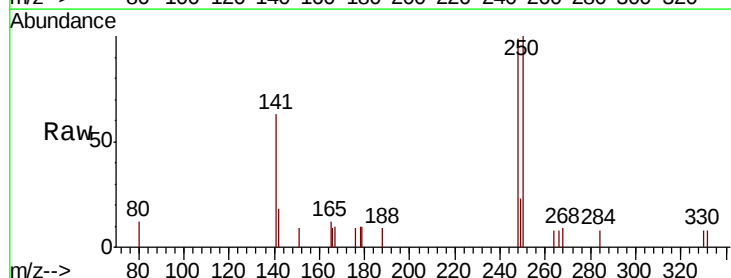
Tgt Ion:248 Resp: 1375

Ion Ratio Lower Upper

248 100

250 101.2 76.5 114.7

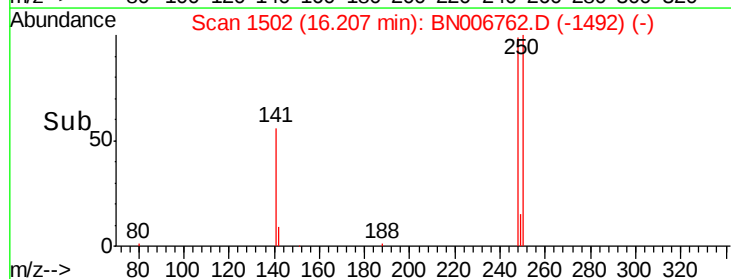
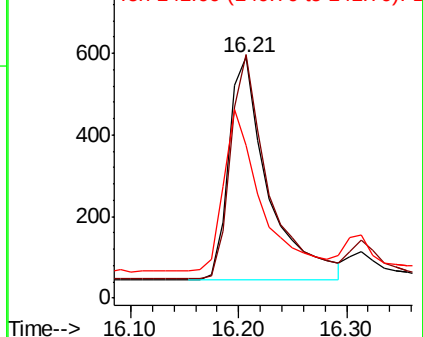
141 63.4 53.2 79.8

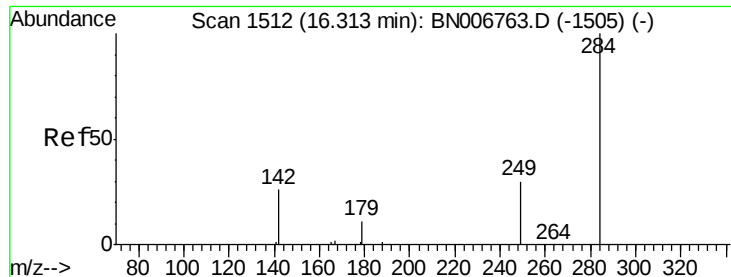


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.204 ng

RT: 16.31 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampleId :

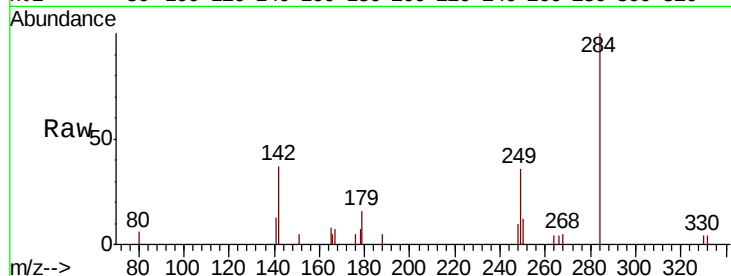
Tot Ion:284 Resp: 2000

Ion Ratio Lower Upper

284 100

142 33.9 27.0 40.4

249 31.0 24.3 36.5

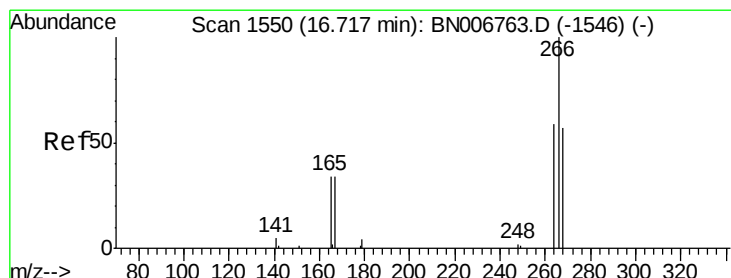
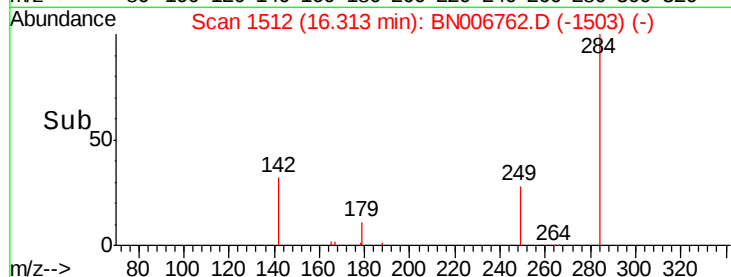
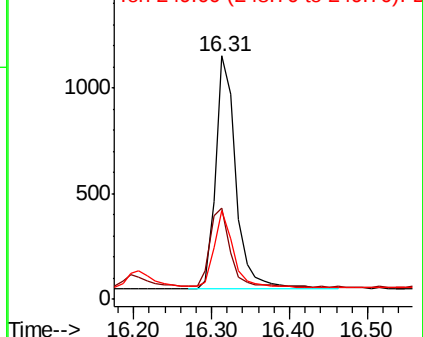


Abundance

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: 0.115 ng

RT: 16.75 min Scan# 1553

Delta R.T. 0.03 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

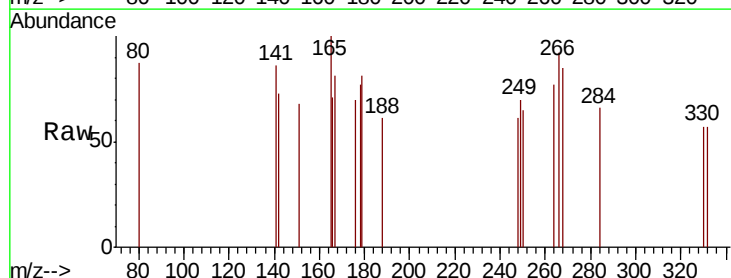
Tgt Ion:266 Resp: 161

Ion Ratio Lower Upper

266 100

264 83.6 56.2 84.4

268 91.8 60.2 90.2#

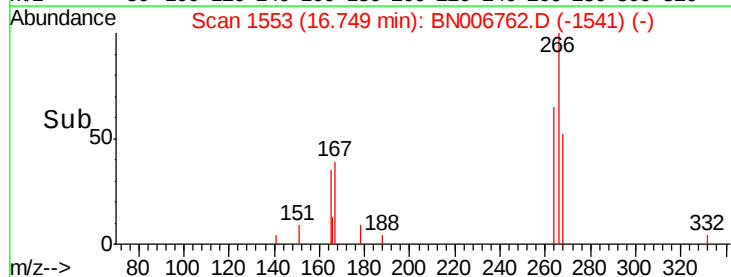
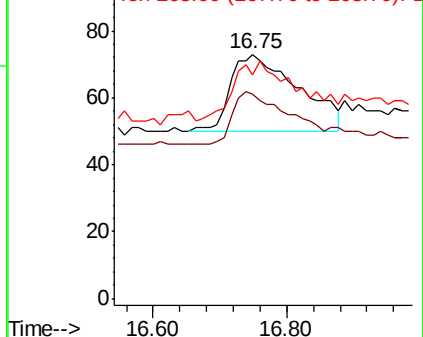


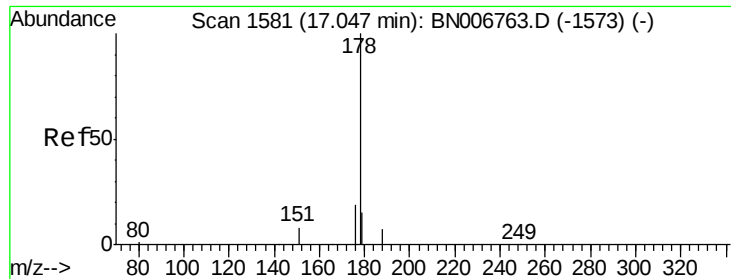
Abundance

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: 0.177 ng

RT: 17.06 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampleId :

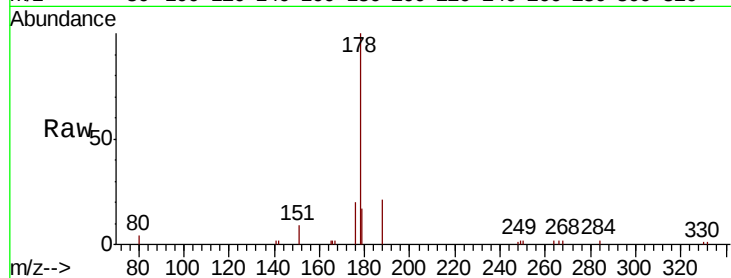
Tot Ion:178 Resp: 7121

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

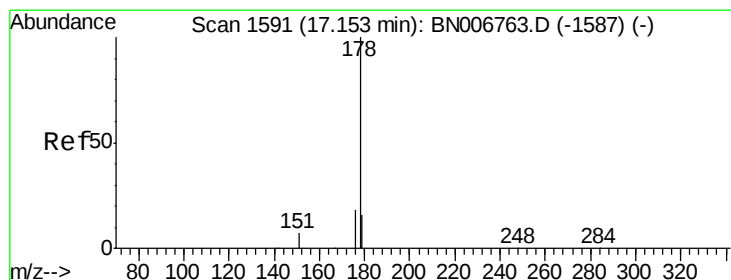
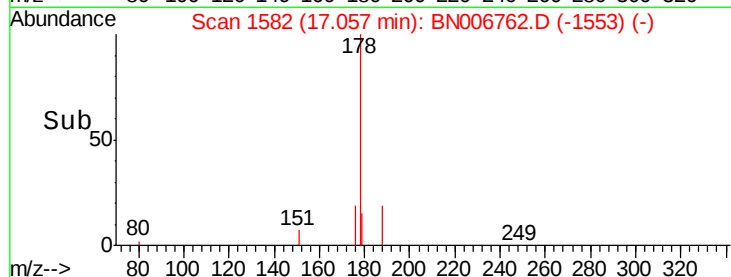
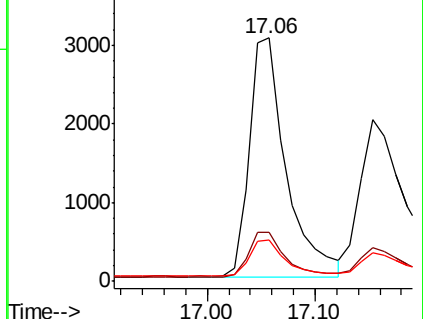
179 15.5 12.2 18.2



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: 0.159 ng

RT: 17.15 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

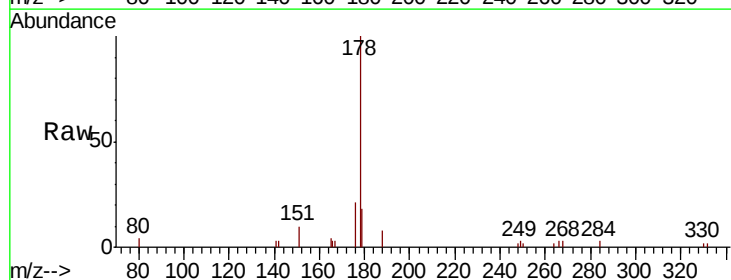
Tgt Ion:178 Resp: 5782

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

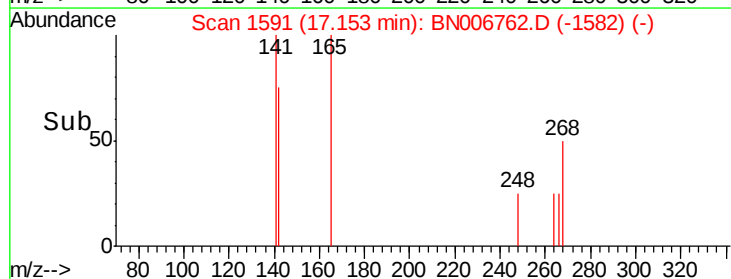
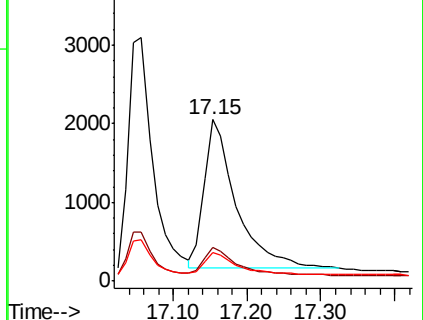
179 15.3 12.1 18.1

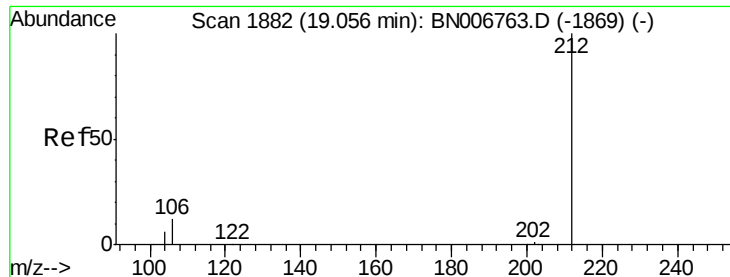


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

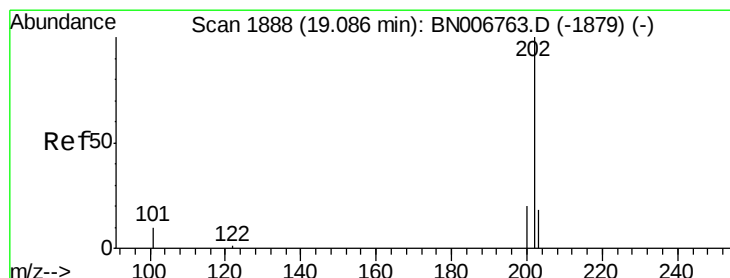
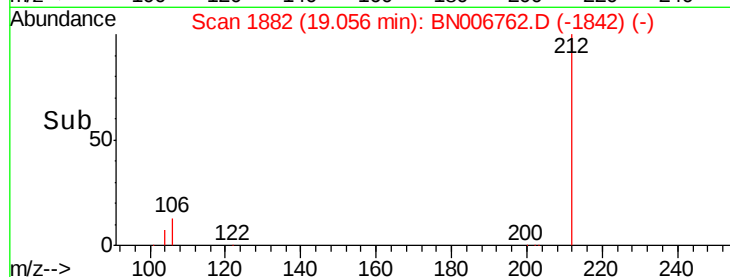
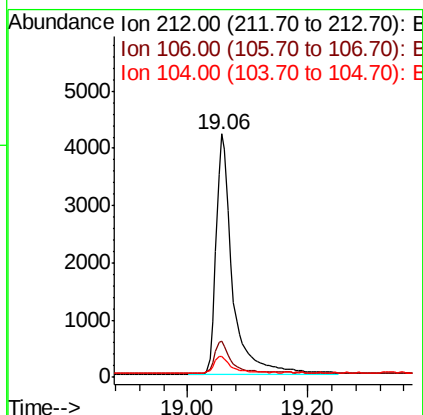
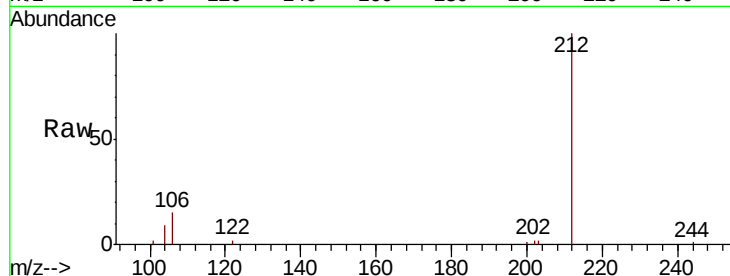




#25
 Fluoranthene-d10
 Concen: 0.203 ng
 RT: 19.06 min Scan# 1882
 Delta R.T. 0.00 min
 Lab File: BN006762.D
 Acq: 09 Jul 2019 09:15

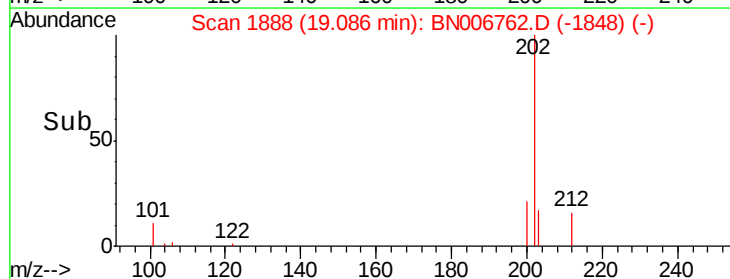
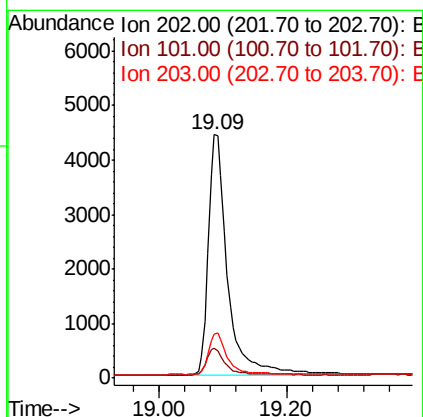
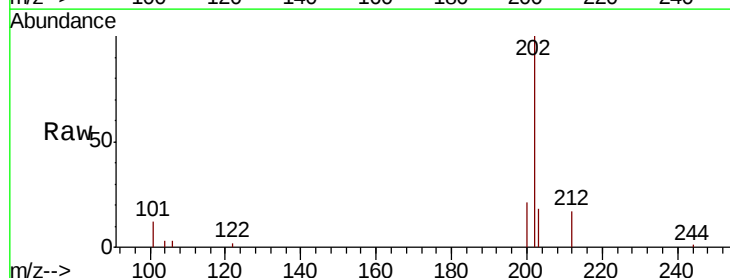
Instrument :
 BNA_N
 ClientSampled :

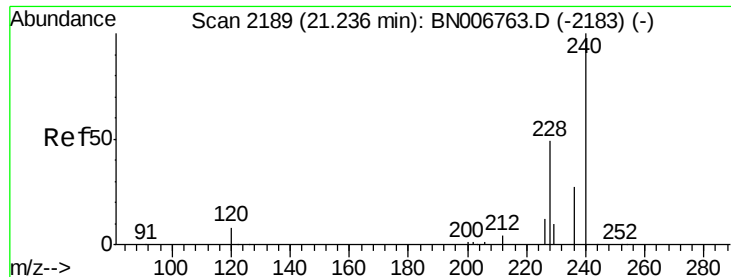
Tot Ion:212 Resp: 8095
 Ion Ratio Lower Upper
 212 100
 106 12.9 10.5 15.7
 104 7.1 5.9 8.9



#26
 Fluoranthene
 Concen: 0.196 ng
 RT: 19.09 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BN006762.D
 Acq: 09 Jul 2019 09:15

Tgt Ion:202 Resp: 9270
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.8 13.2
 203 16.7 13.6 20.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.24 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampleId :

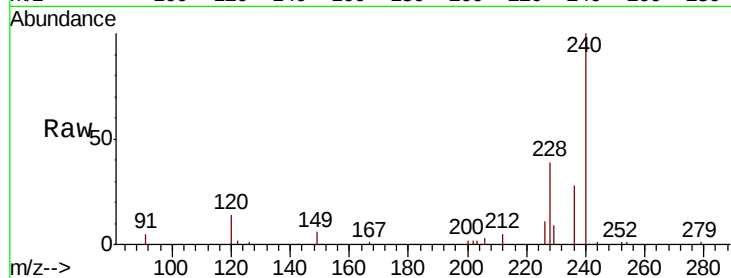
Tot Ion:240 Resp: 14219

Ion Ratio Lower Upper

240 100

120 14.0 8.1 12.1#

236 27.9 21.8 32.6

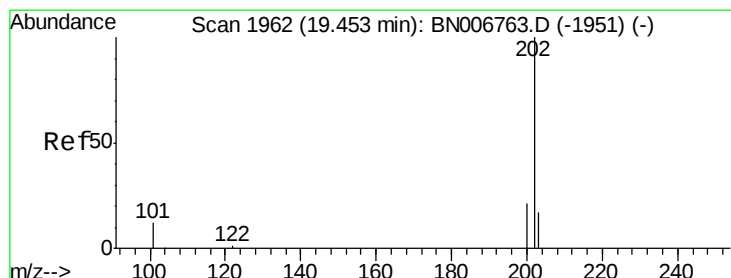
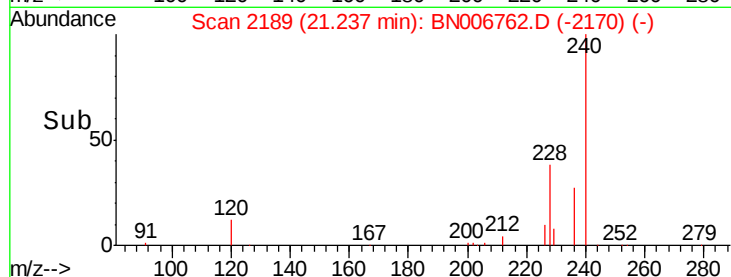
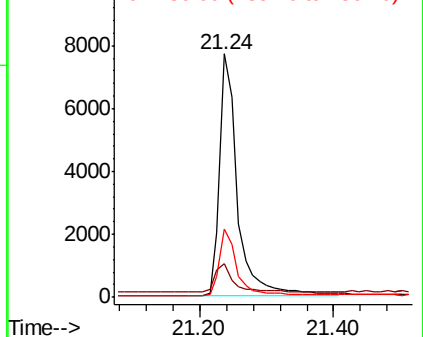


Abundance

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: 0.169 ng

RT: 19.45 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

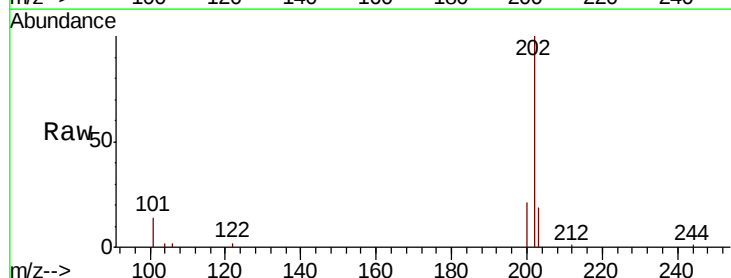
Tgt Ion:202 Resp: 9596

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

203 17.5 14.0 21.0

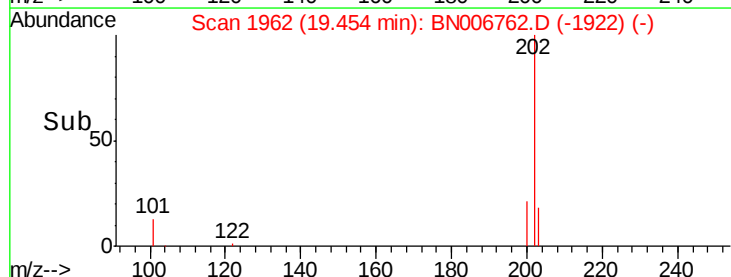
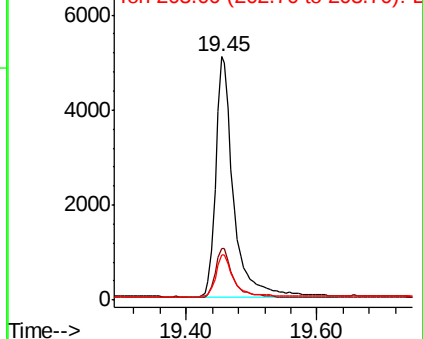


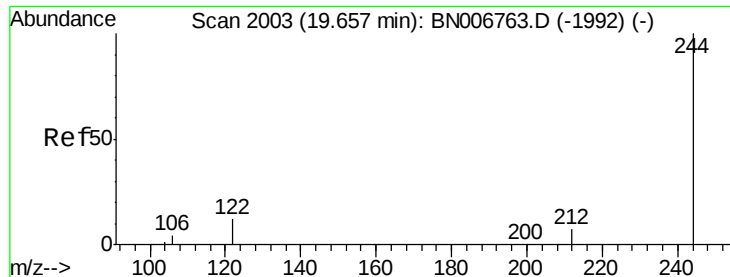
Abundance

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: 0.183 ng

RT: 19.66 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampleId :

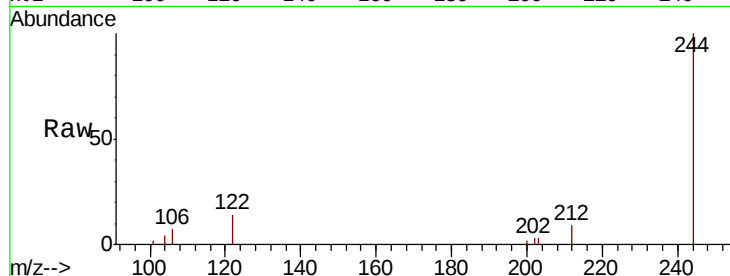
Tot Ion:244 Resp: 5978

Ion Ratio Lower Upper

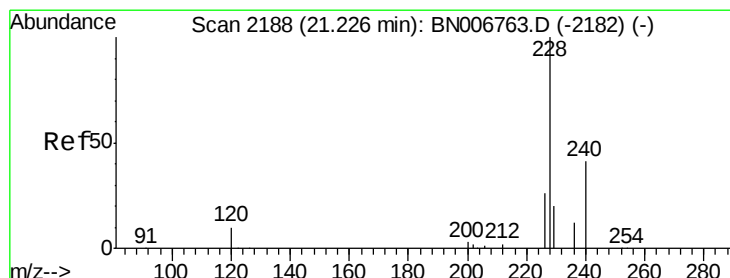
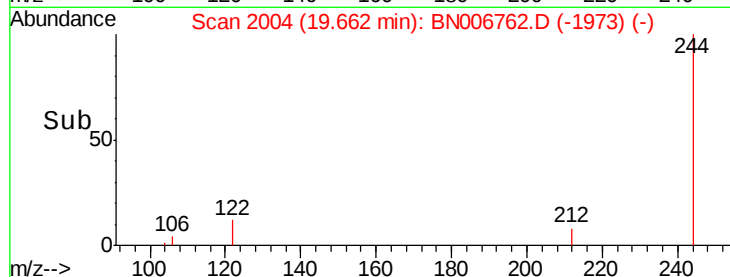
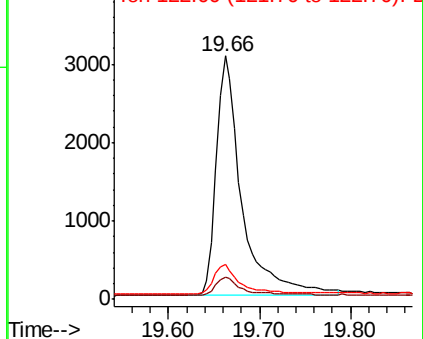
244 100

212 9.3 6.3 9.5

122 14.2 10.3 15.5



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: 0.168 ng

RT: 21.23 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

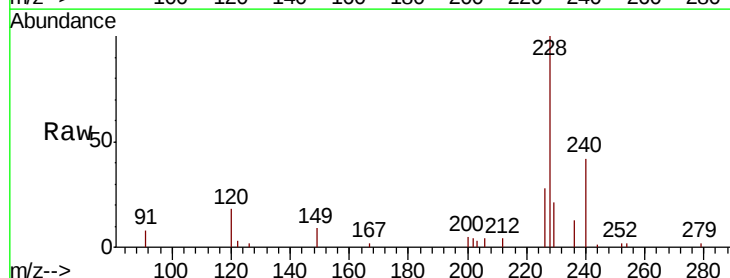
Tgt Ion:228 Resp: 8260

Ion Ratio Lower Upper

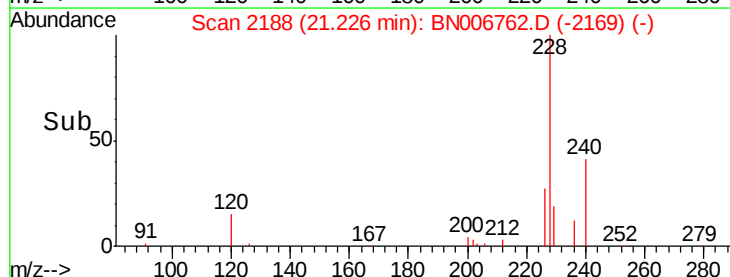
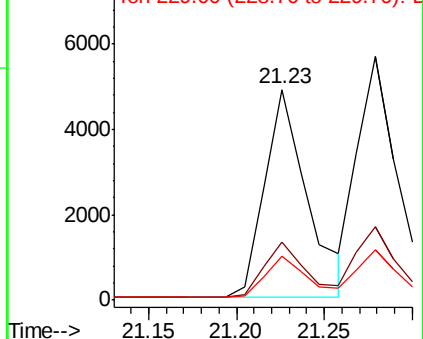
228 100

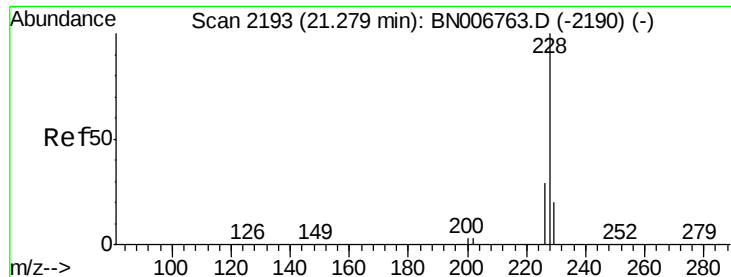
226 27.7 21.2 31.8

229 20.6 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: 0.183 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

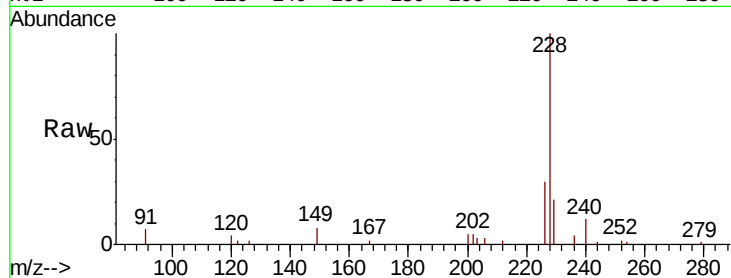
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 9227

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.5	35.3
229	20.7	16.0	24.0

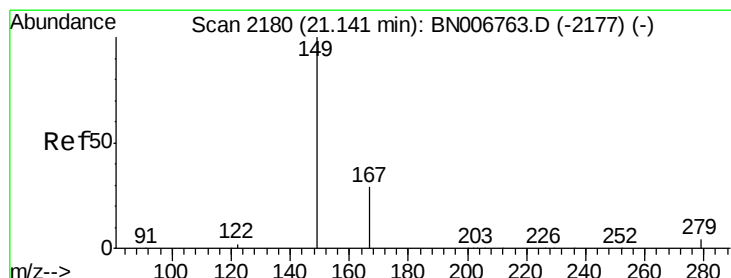
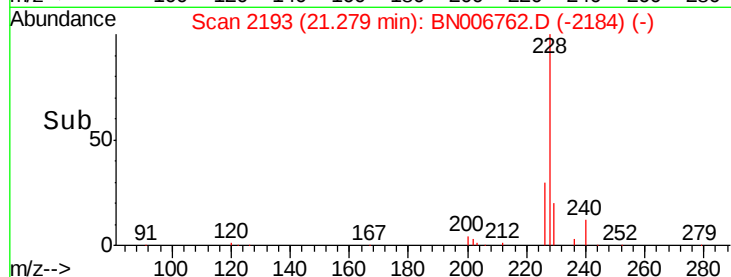
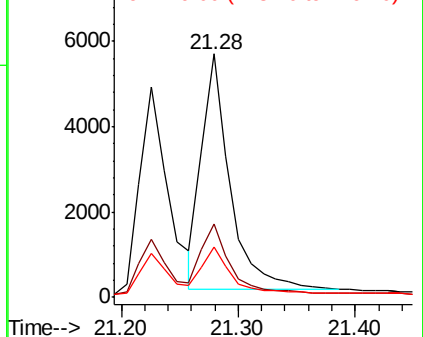


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

RT: 21.14 min Scan# 2180

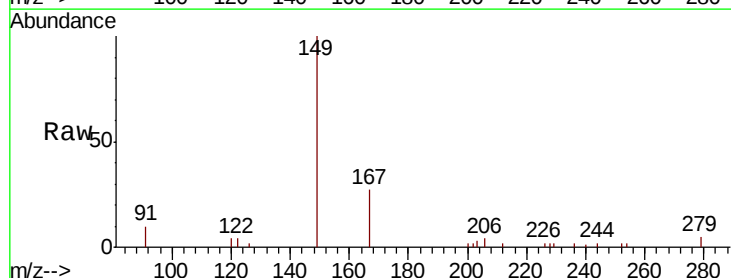
Delta R.T. 0.00 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Tgt Ion:149 Resp: 3924

Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.9	34.3
279	4.6	3.7	5.5

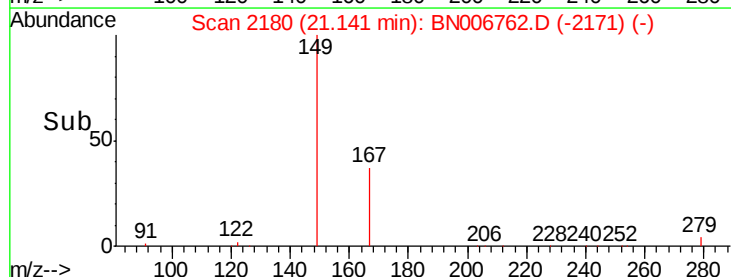
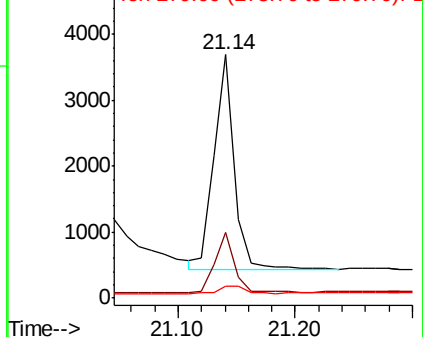


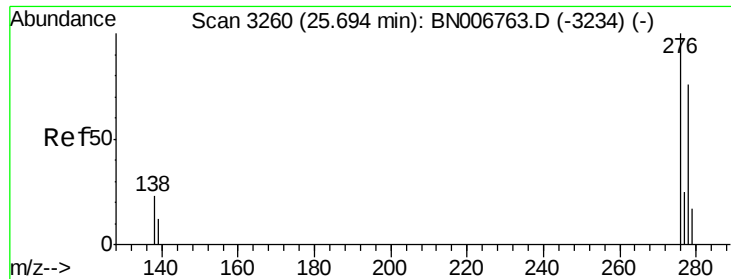
Abundance

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: 0.191 ng

RT: 25.71 min Scan# 3264

Delta R.T. 0.01 min

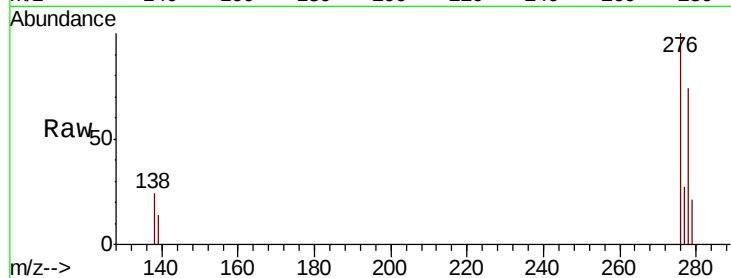
Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampleId :



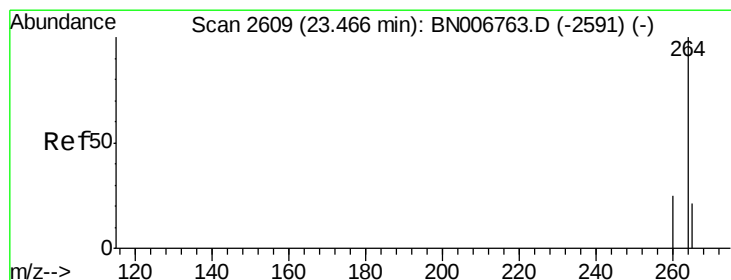
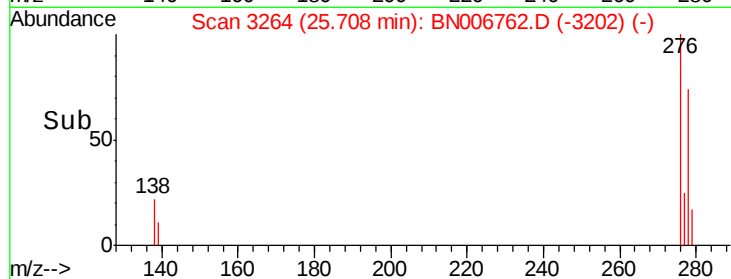
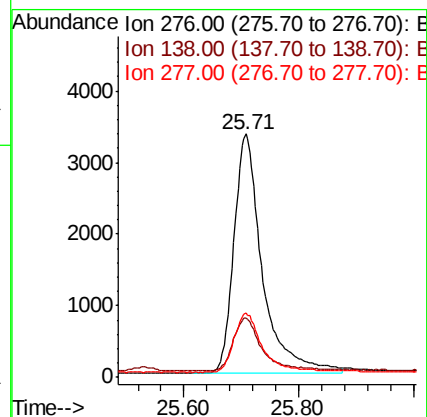
Tot Ion:276 Resp: 11568

Ion Ratio Lower Upper

276 100

138 22.0 17.9 26.9

277 24.6 19.8 29.8



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2611

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

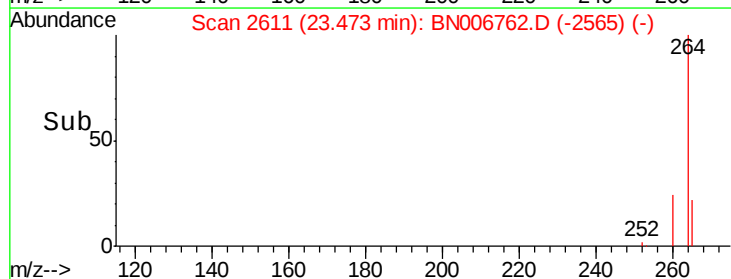
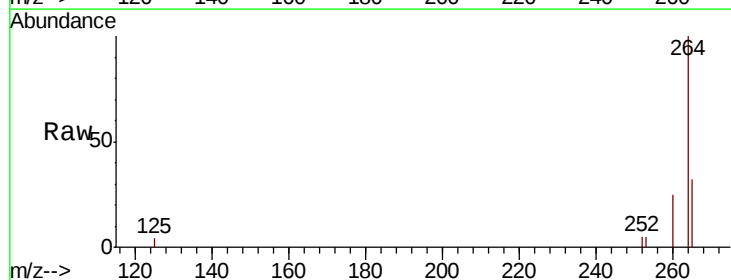
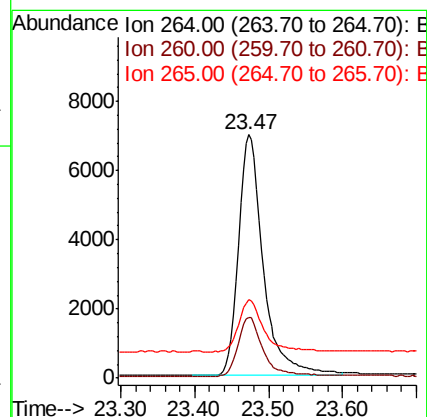
Tgt Ion:264 Resp: 16321

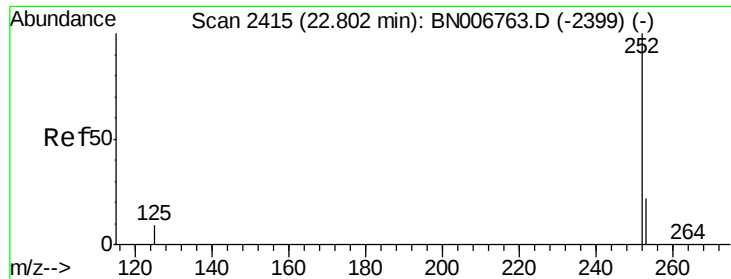
Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.4

265 32.3 24.6 37.0





#35

Benzo(b)fluoranthene

Concen: 0.174 ng

RT: 22.81 min Scan# 2418

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampleId :

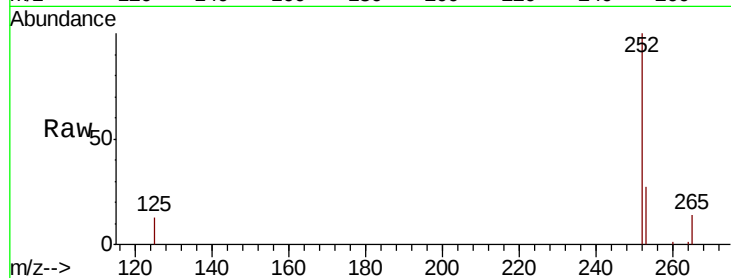
Tot Ion:252 Resp: 9111

Ion Ratio Lower Upper

252 100

253 27.1 18.9 28.3

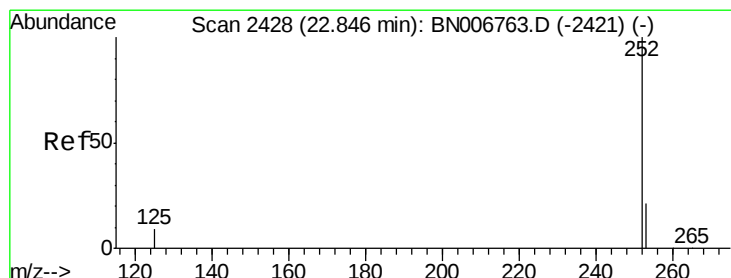
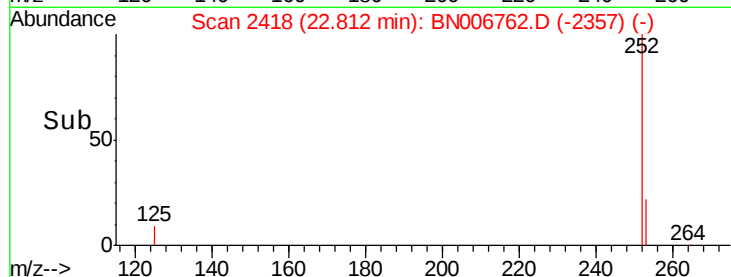
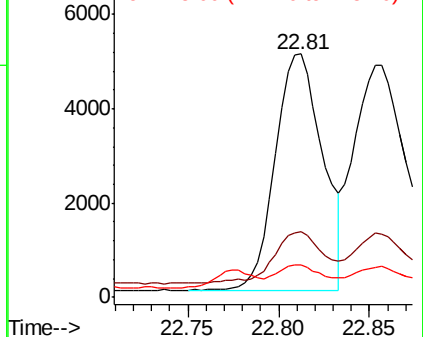
125 13.2 8.5 12.7#



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: 0.200 ng

RT: 22.86 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

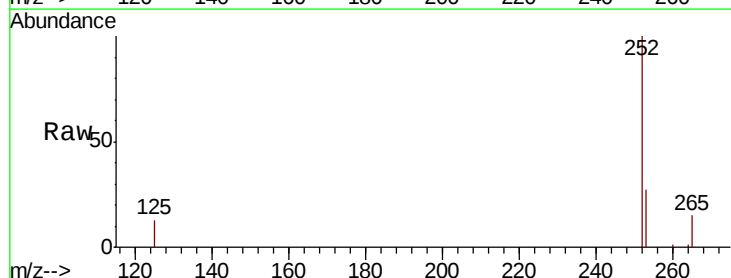
Tgt Ion:252 Resp: 11351

Ion Ratio Lower Upper

252 100

253 27.2 18.9 28.3

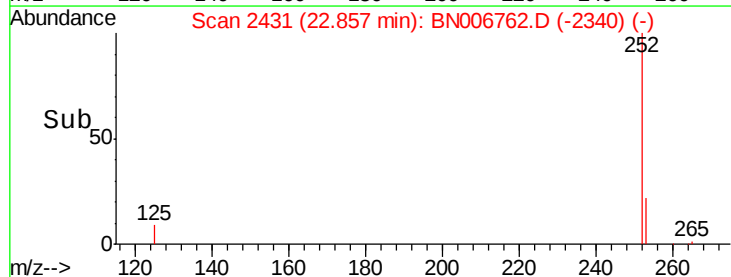
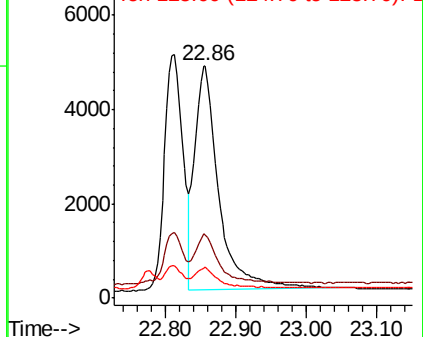
125 13.3 8.4 12.6#

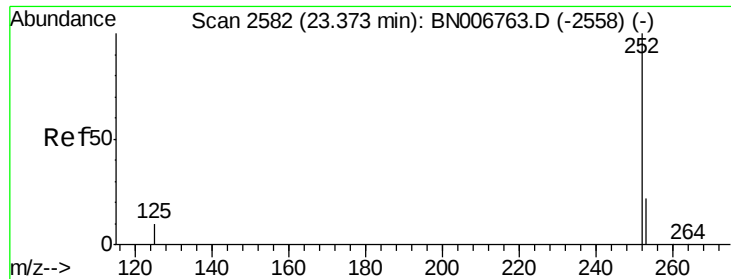


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.177 ng

RT: 23.38 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampleId :

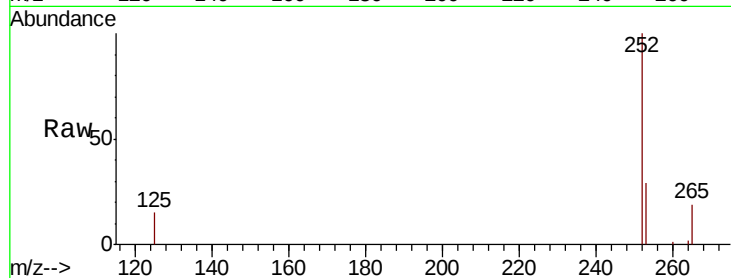
Tot Ion:252 Resp: 8991

Ion Ratio Lower Upper

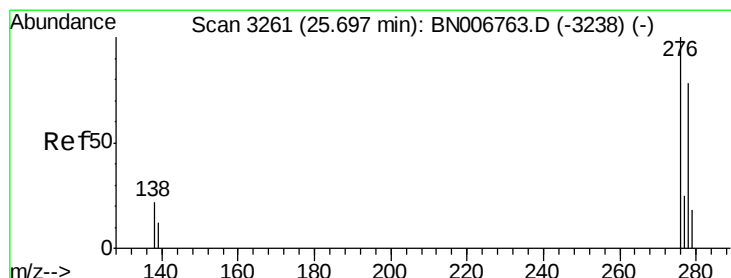
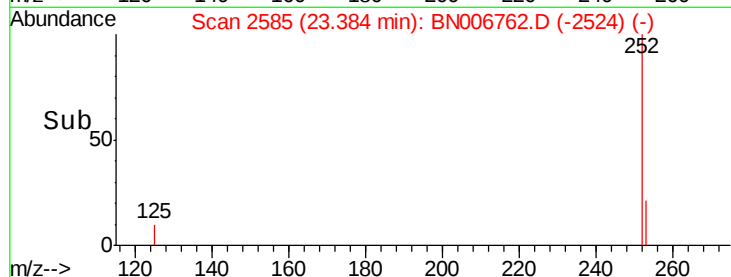
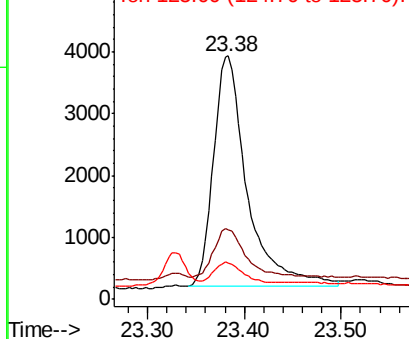
252 100

253 28.7 19.5 29.3

125 15.1 9.5 14.3#



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: 0.182 ng

RT: 25.71 min Scan# 3264

Delta R.T. 0.01 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

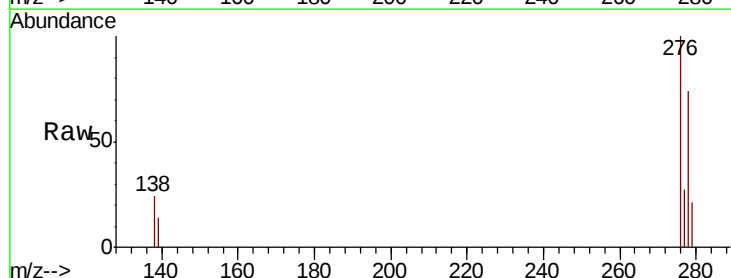
Tgt Ion:278 Resp: 9186

Ion Ratio Lower Upper

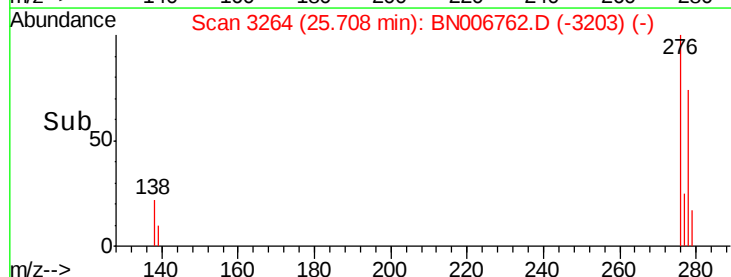
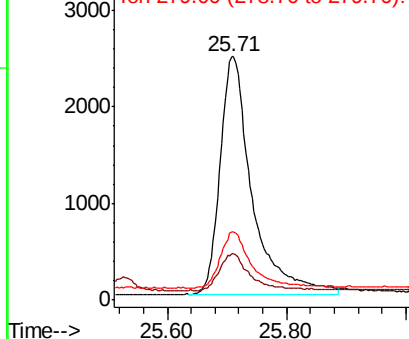
278 100

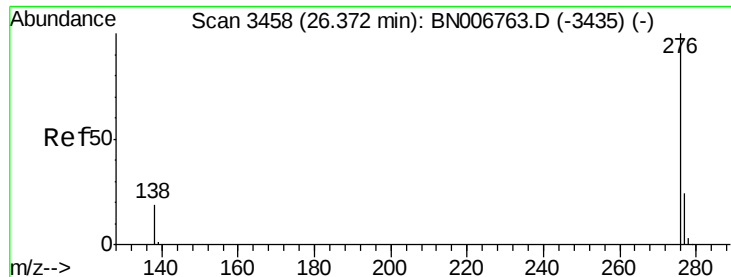
139 19.1 13.1 19.7

279 27.9 20.2 30.4



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(a,h,i)perylene

Concen: 0.191 ng

RT: 26.39 min Scan# 3463

Delta R.T. 0.02 min

Lab File: BN006762.D

Acq: 09 Jul 2019 09:15

Instrument :

BNA_N

ClientSampleId :

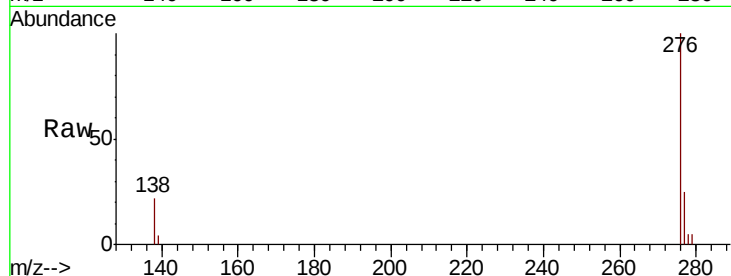
Tot Ion: 276 Resp: 9912

Ion Ratio Lower Upper

276 100

277 25.2 19.4 29.2

138 22.2 16.2 24.4



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

