

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
 Data File : BN006767.D
 Acq On : 09 Jul 2019 12:07
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 09 13:02:40 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	7.58	152	3825	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	15416	0.40	ng	-0.01
13) Acenaphthene-d10	14.23	164	8679	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19240	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	20131	0.40	ng	-0.01
34) Perylene-d12	23.46	264	20854	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	49590	4.77	ng	-0.04
5) Phenol-d6	6.76	99	68640	5.22	ng	-0.06
8) Nitrobenzene-d5	8.73	82	64806	5.48	ng	-0.05
11) 2-Methylnaphthalene-d10	11.95	152	121784	5.26	ng	-0.02
14) 2,4,6-Tribromophenol	15.75	330	25628	6.01	ng	-0.02
15) 2-Fluorobiphenyl	12.84	172	166579	4.91	ng	-0.02
25) Fluoranthene-d10	19.05	212	306996	5.58	ng	-0.01
29) Terphenyl-d14	19.65	244	219742	4.74	ng	0.00

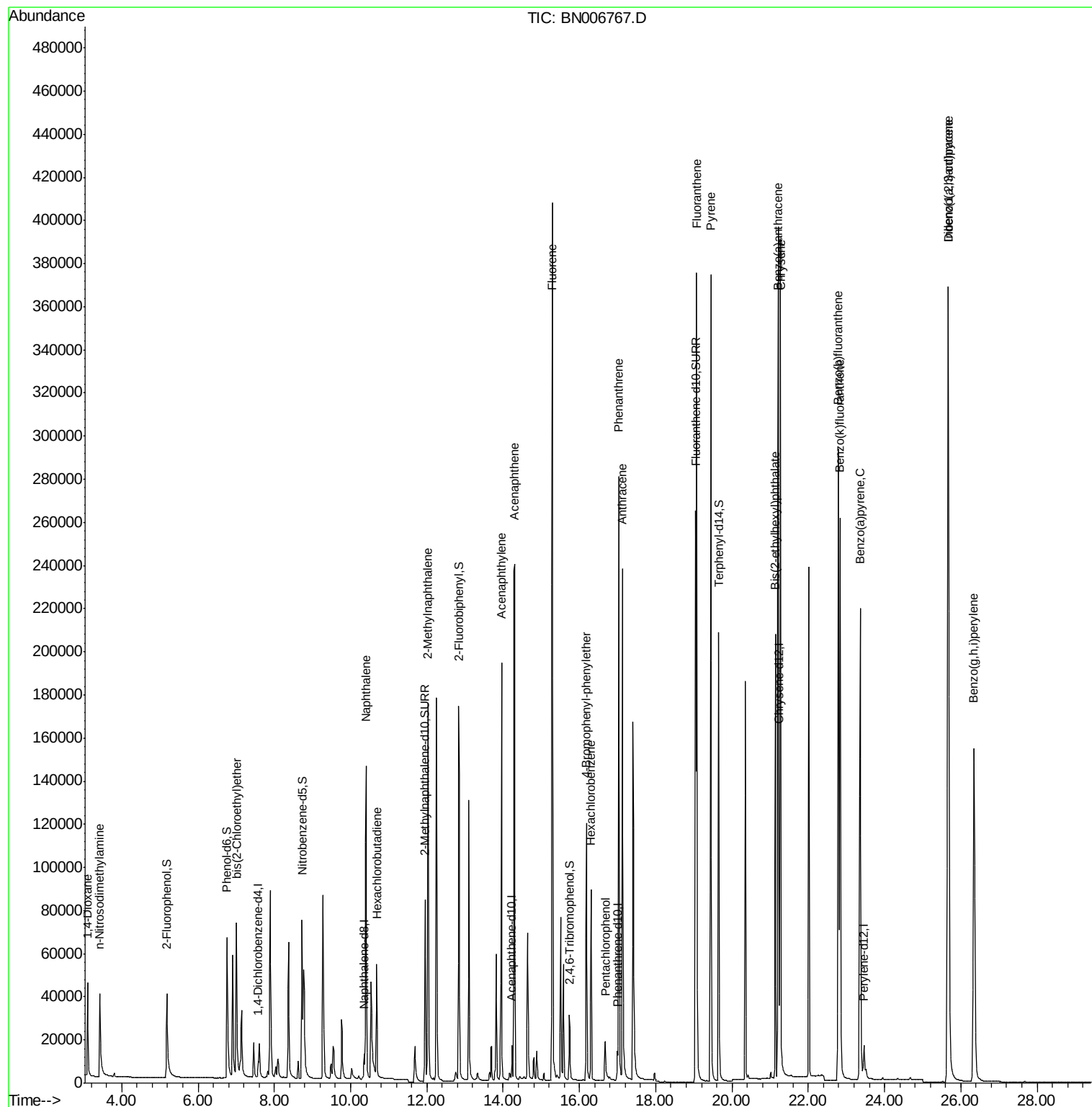
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	27953	4.676	ng	95
3) n-Nitrosodimethylamine	3.42	42	32230	7.149	ng	# 98
6) bis(2-Chloroethyl)ether	7.01	93	65160	5.865	ng	# 86
9) Naphthalene	10.40	128	201543	4.779	ng	98
10) Hexachlorobutadiene	10.68	225	40596	4.755	ng	# 99
12) 2-Methylnaphthalene	12.03	142	136121	4.350	ng	97
16) Acenaphthylene	13.95	152	225574	5.215	ng	100
17) Acenaphthene	14.30	154	137255	4.976	ng	98
18) Fluorene	15.29	166	175965	5.139	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	60125	5.304	ng	94
21) Hexachlorobenzene	16.30	284	68990	5.116	ng	100
22) Pentachlorophenol	16.67	266	16515	8.539	ng	89
23) Phenanthrene	17.04	178	280609	5.060	ng	100
24) Anthracene	17.13	178	269185	5.371	ng	100
26) Fluoranthene	19.08	202	338980	5.206	ng	99
28) Pyrene	19.44	202	343219	4.261	ng	100
30) Benzo(a)anthracene	21.22	228	331438	4.774	ng	99
31) Chrysene	21.27	228	345417	4.827	ng	100
32) Bis(2-ethylhexyl)phthalate	21.14	149	165277	0.798	ng	100
33) Indeno(1,2,3-cd)pyrene	25.67	276	416559	4.867	ng	99
35) Benzo(b)fluoranthene	22.79	252	357518	5.341	ng	97
36) Benzo(k)fluoranthene	22.83	252	362655	4.996	ng	96
37) Benzo(a)pyrene	23.36	252	336594	5.191	ng	95
38) Dibenzo(a,h)anthracene	25.68	278	336669	5.226	ng	96
39) Benzo(g,h,i)perylene	26.35	276	340783	5.140	ng	98

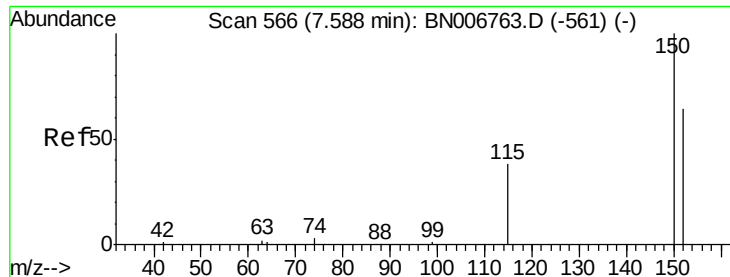
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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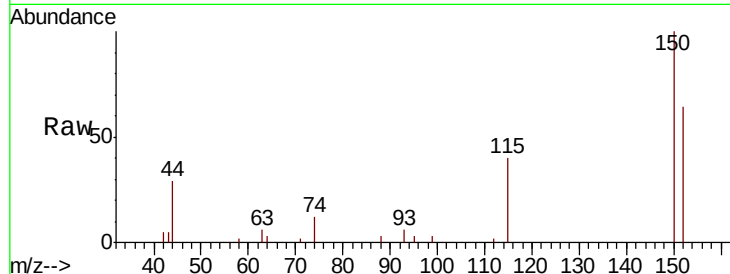


#1

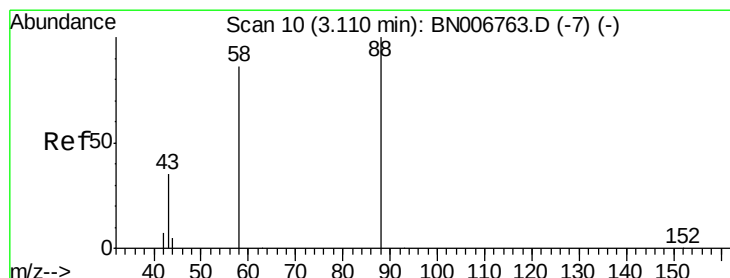
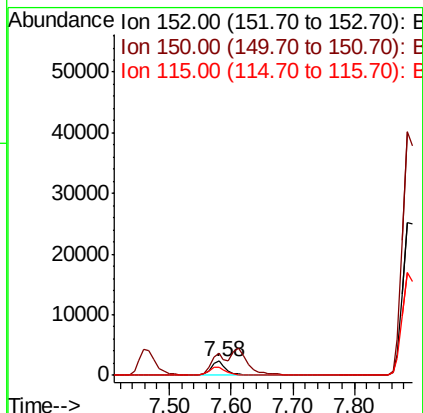
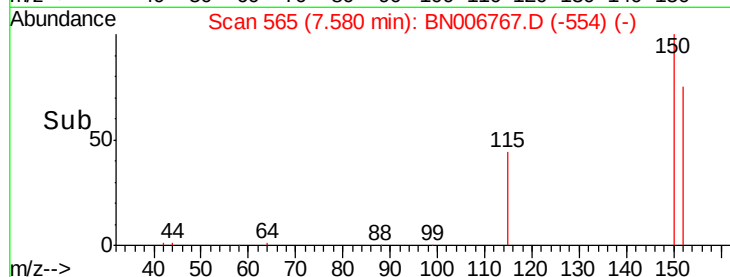
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.58 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BN006767.D
 Acq: 09 Jul 2019 12:07

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 3825
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.6 185.4
 115 62.0 52.5 78.7



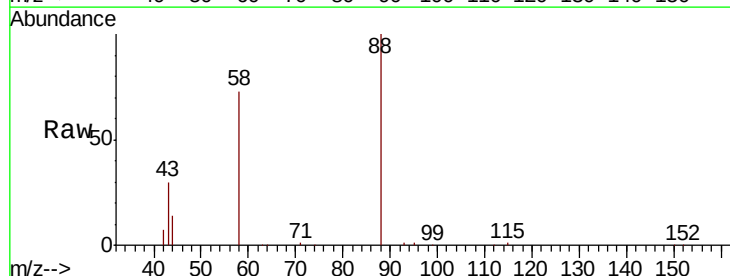
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



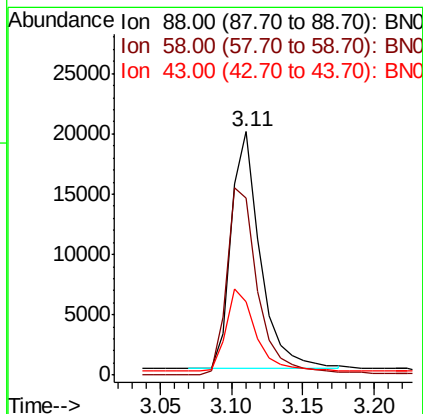
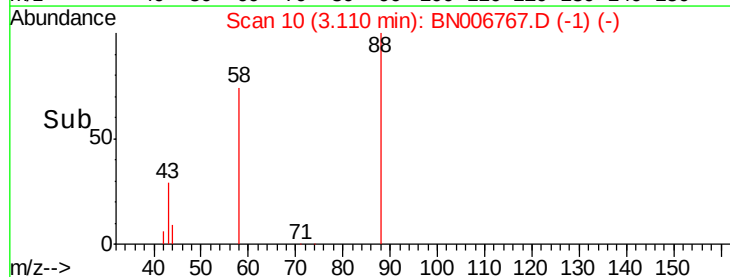
#2

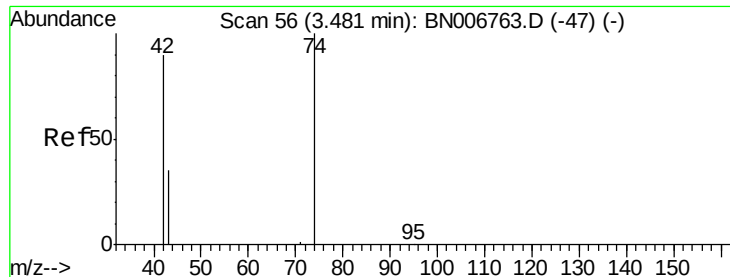
1,4-Dioxane
 Concen: 4.676 ng
 RT: 3.11 min Scan# 10
 Delta R.T. -0.00 min
 Lab File: BN006767.D
 Acq: 09 Jul 2019 12:07

Tgt Ion: 88 Resp: 27953
 Ion Ratio Lower Upper
 88 100
 58 83.5 61.8 92.6
 43 34.8 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: 7.149 ng

RT: 3.42 min Scan# 49

Delta R.T. -0.06 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :

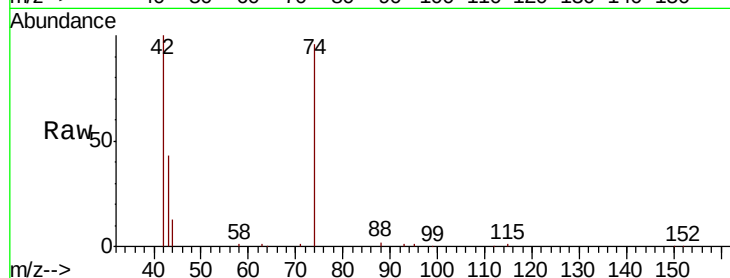
Tot Ion: 42 Resp: 32230

Ion Ratio Lower Upper

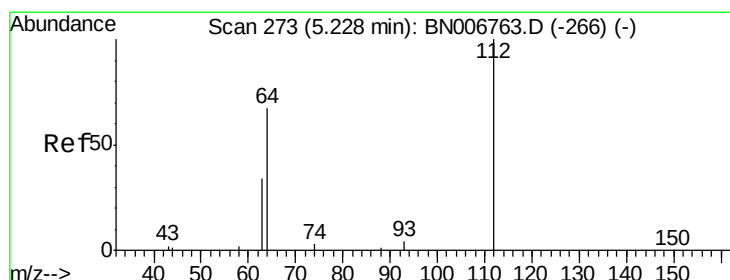
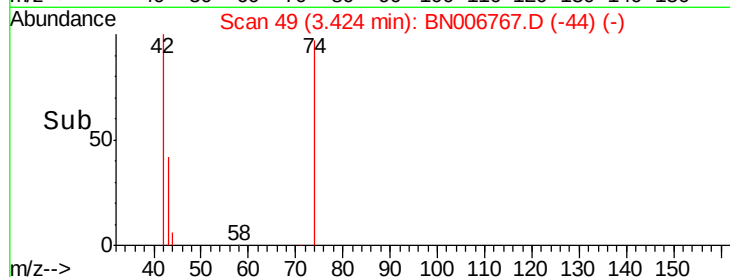
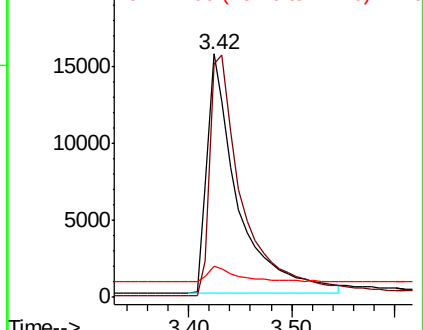
42 100

74 109.6 86.2 129.4

44 5.9 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: 4.775 ng

RT: 5.19 min Scan# 268

Delta R.T. -0.04 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

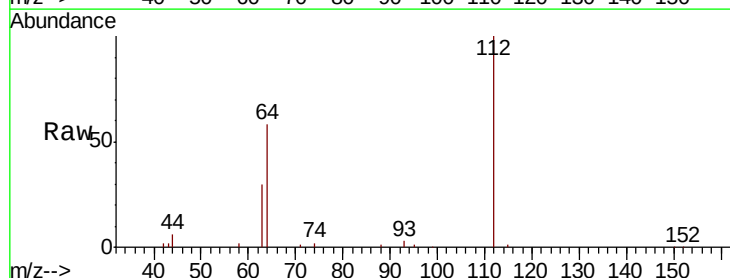
Tgt Ion: 112 Resp: 49590

Ion Ratio Lower Upper

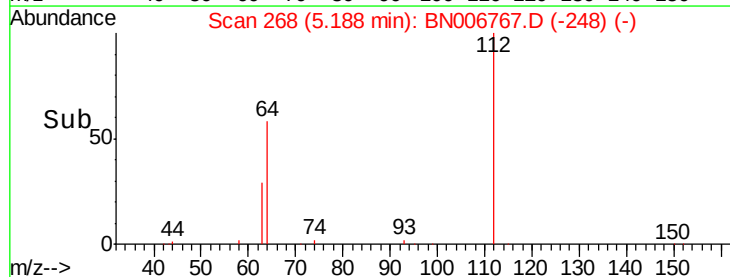
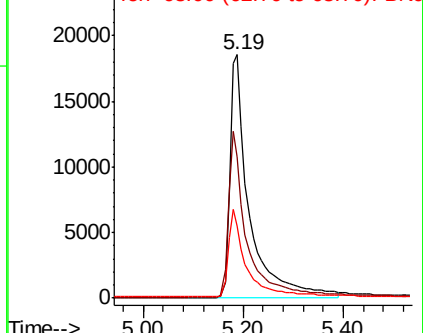
112 100

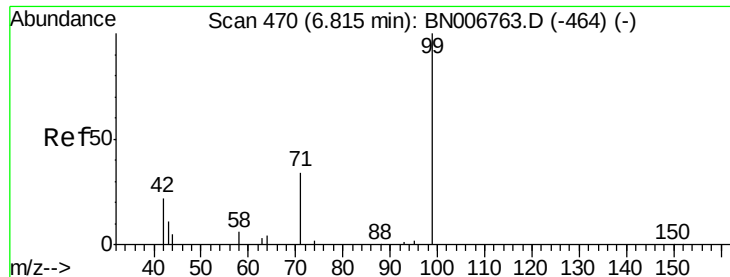
64 65.2 52.7 79.1

63 34.1 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: 5.219 ng

RT: 6.76 min Scan# 463

Delta R.T. -0.06 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :

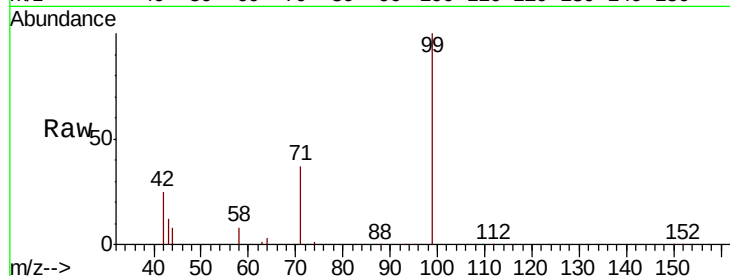
Tot Ion: 99 Resp: 68640

Ion Ratio Lower Upper

99 100

42 23.6 17.0 25.6

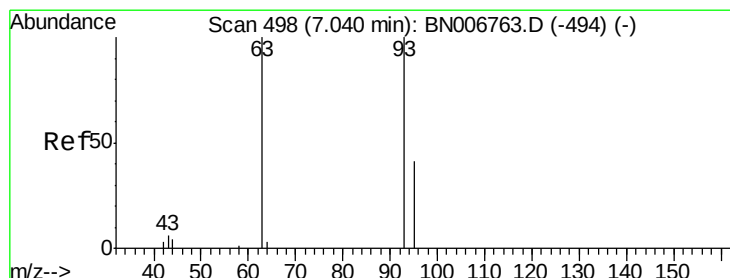
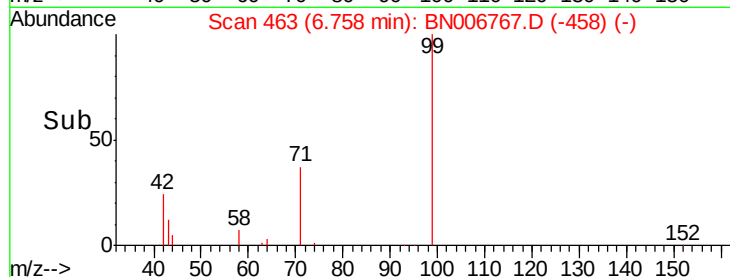
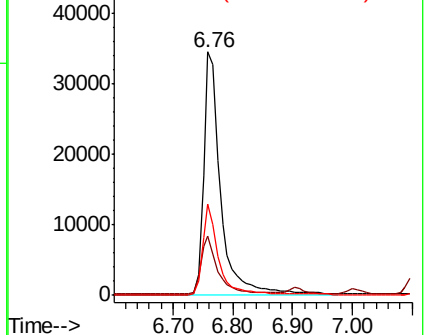
71 35.0 29.1 43.7



Abundance Ion 99.00 (98.70 to 99.70): BN006767.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006767.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006767.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 5.865 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.03 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

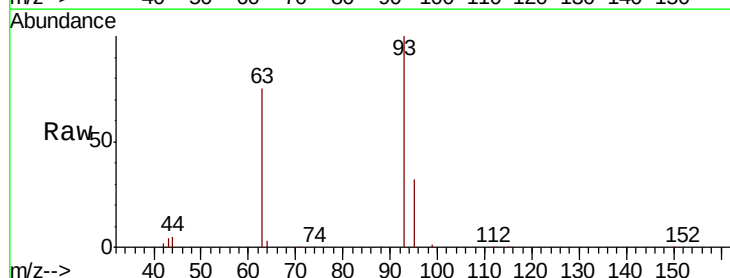
Tgt Ion: 93 Resp: 65160

Ion Ratio Lower Upper

93 100

63 76.0 48.6 73.0#

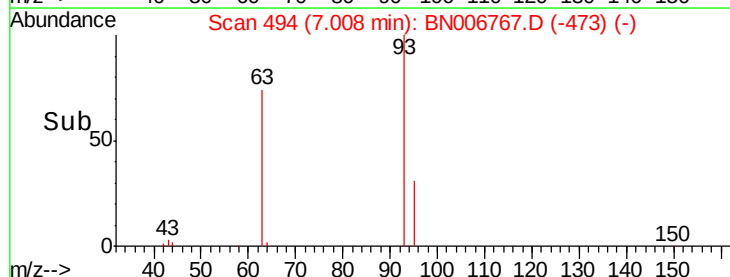
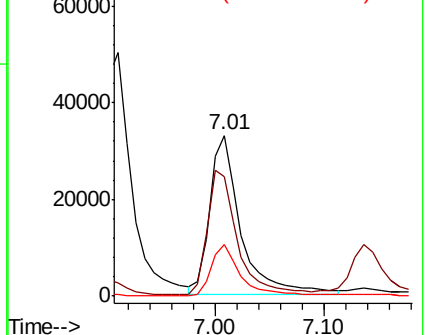
95 29.9 22.9 34.3

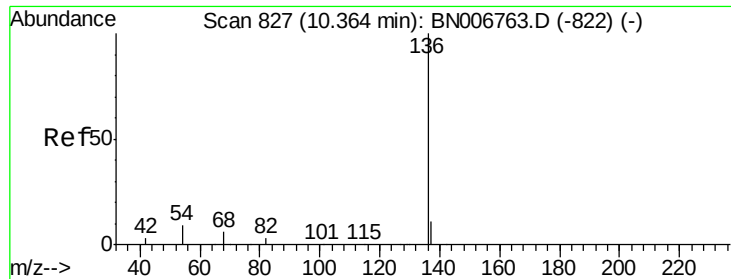


Abundance Ion 93.00 (92.70 to 93.70): BN006767.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN006767.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN006767.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 15416

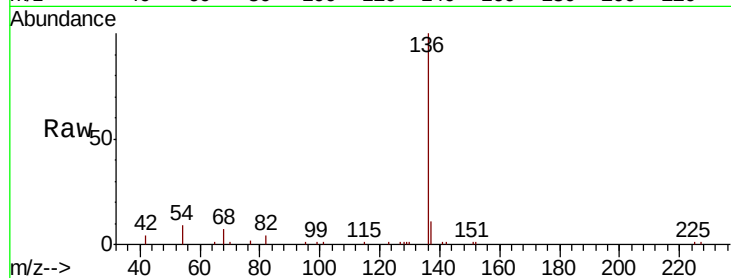
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 9.5 8.4 12.6

68 7.2 6.4 9.6

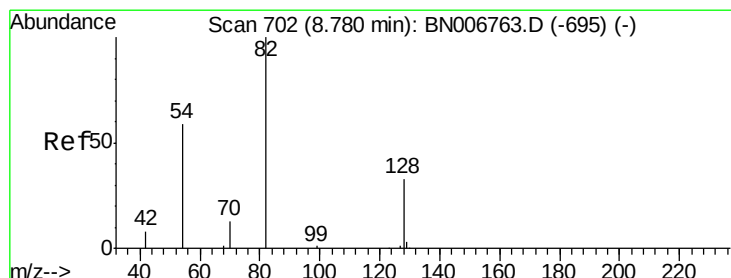
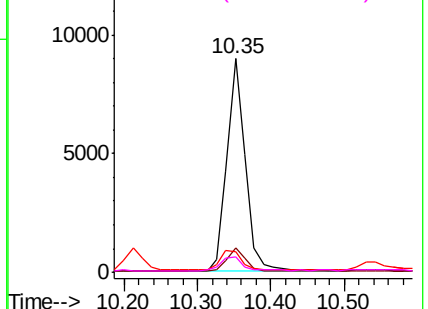
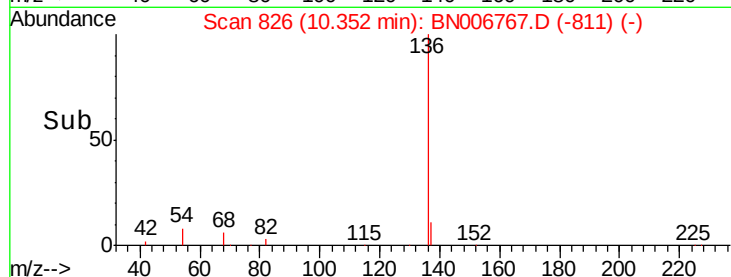


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.481 ng

RT: 8.73 min Scan# 698

Delta R.T. -0.05 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

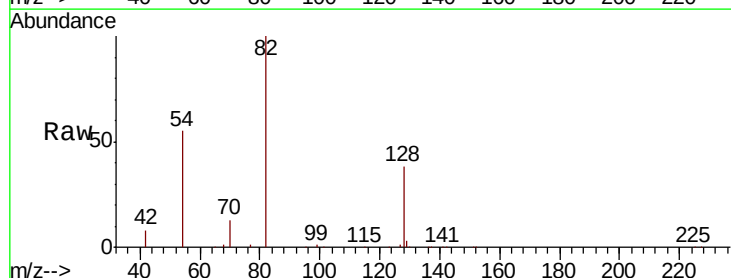
Tgt Ion: 82 Resp: 64806

Ion Ratio Lower Upper

82 100

128 38.3 33.0 49.6

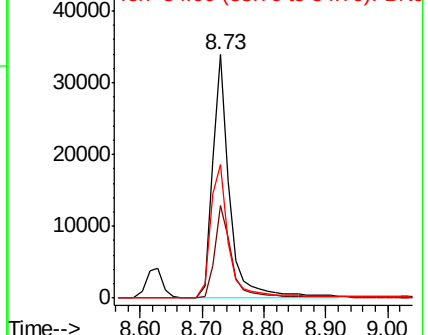
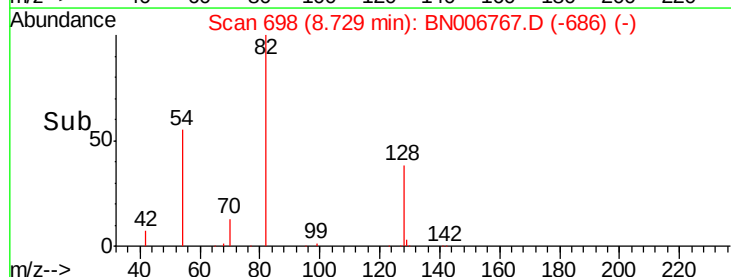
54 54.8 52.2 78.2

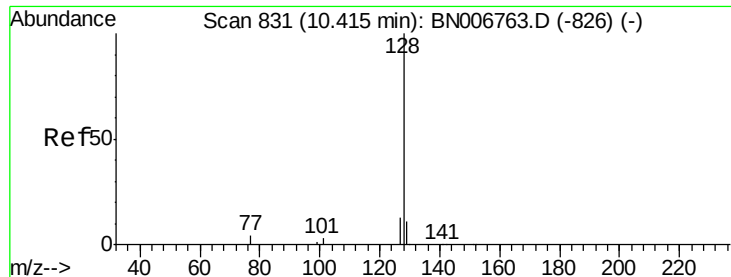


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 4.779 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampled :

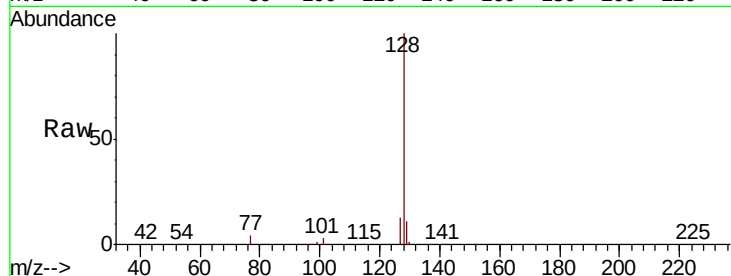
Tot Ion:128 Resp: 201543

Ion Ratio Lower Upper

128 100

129 11.0 9.6 14.4

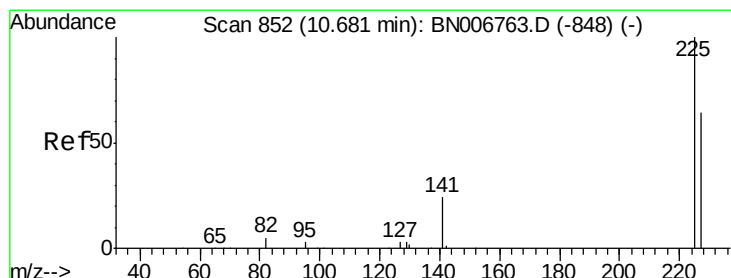
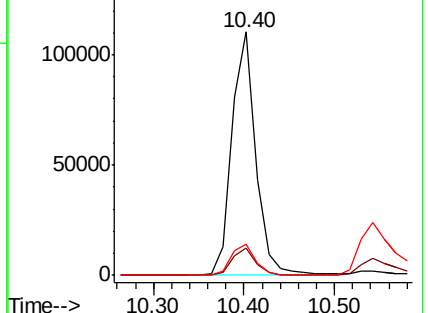
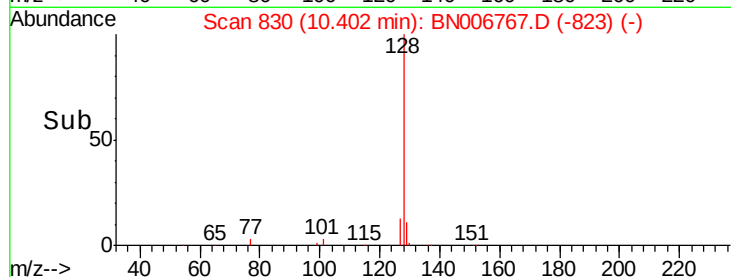
127 12.9 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

150000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 4.755 ng

RT: 10.68 min Scan# 852

Delta R.T. -0.00 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

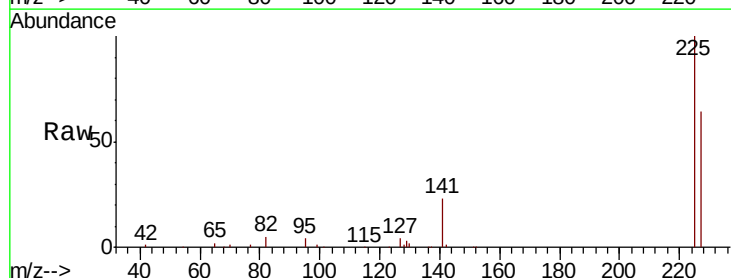
Tgt Ion:225 Resp: 40596

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

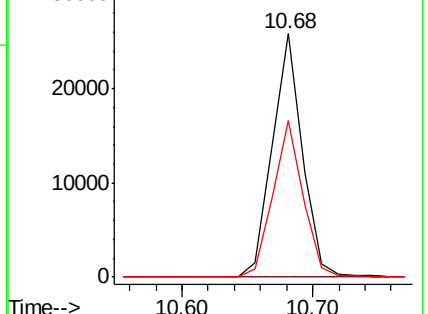
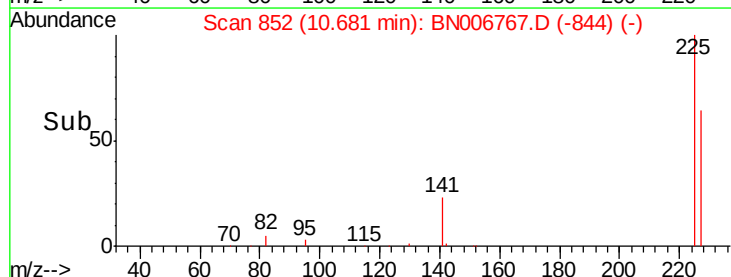
227 64.0 50.8 76.2

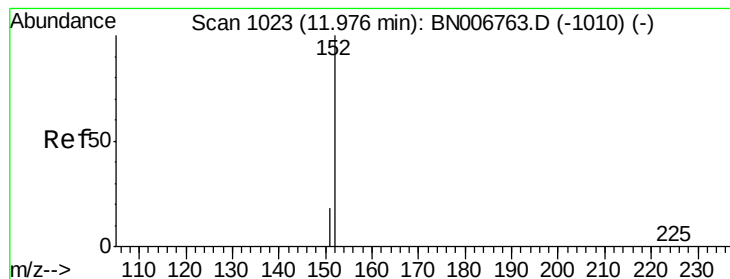


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 5.255 ng

RT: 11.95 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

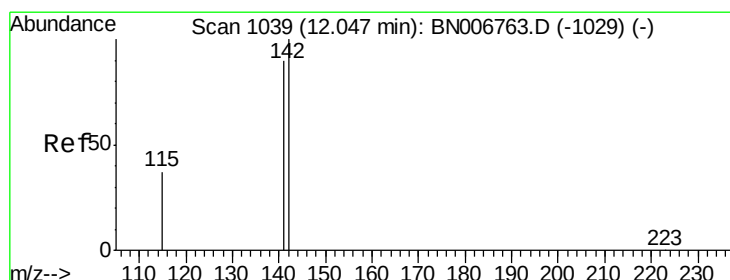
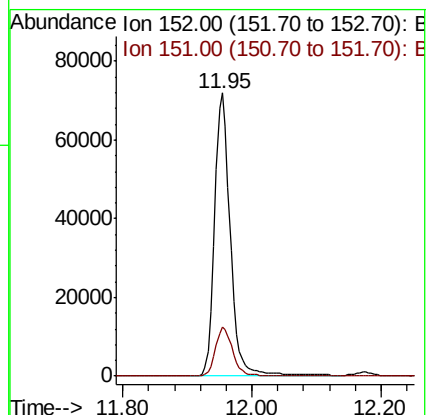
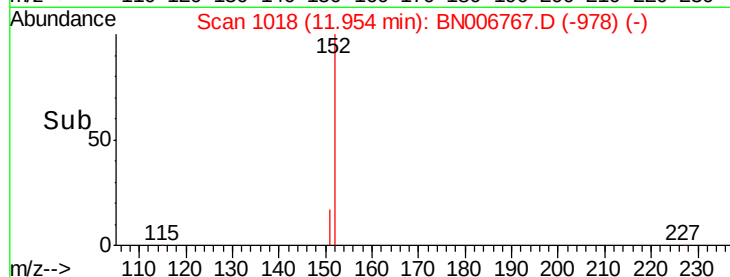
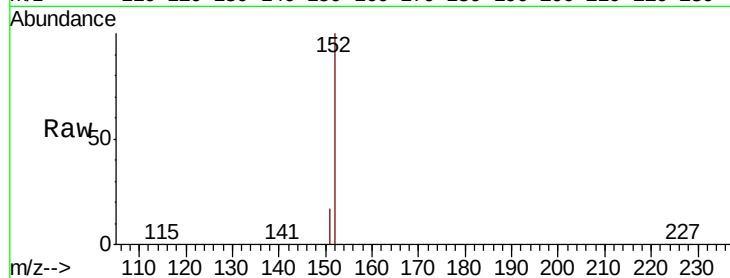
ClientSampleId :

Tot Ion:152 Resp: 121784

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



#12

2-Methylnaphthalene

Concen: 4.350 ng

RT: 12.03 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

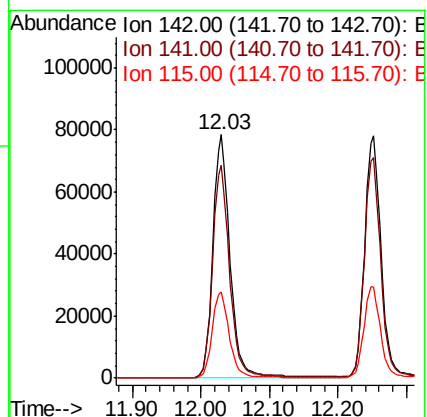
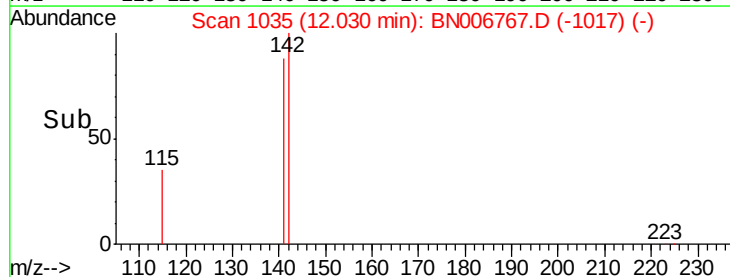
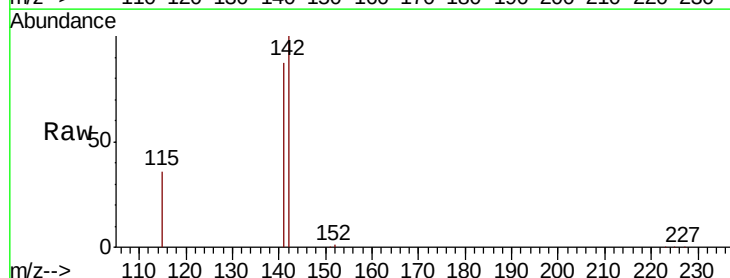
Tgt Ion:142 Resp: 136121

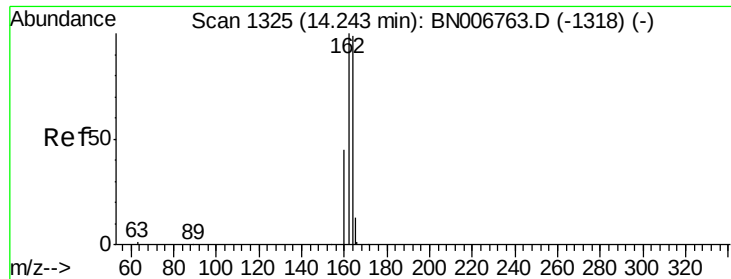
Ion Ratio Lower Upper

142 100

141 87.4 71.7 107.5

115 35.5 31.2 46.8

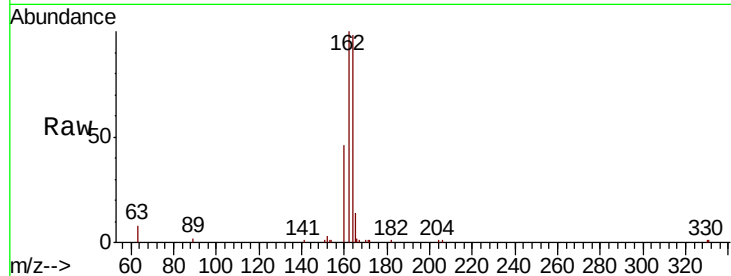




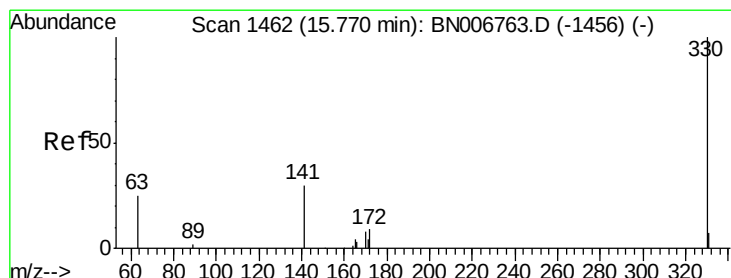
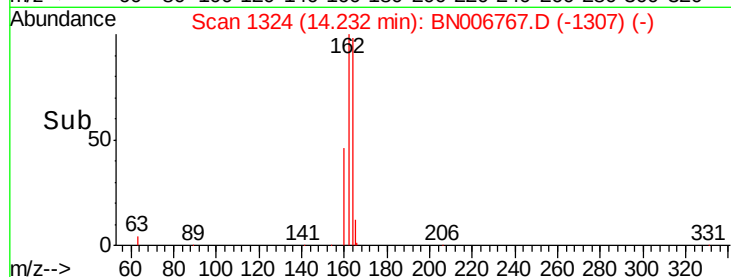
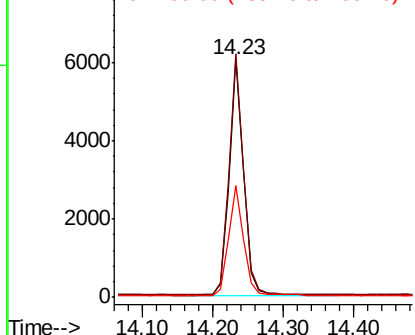
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.23 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BN006767.D
 Acq: 09 Jul 2019 12:07

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:164 Resp: 8679
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.0 121.4
 160 46.9 37.4 56.0

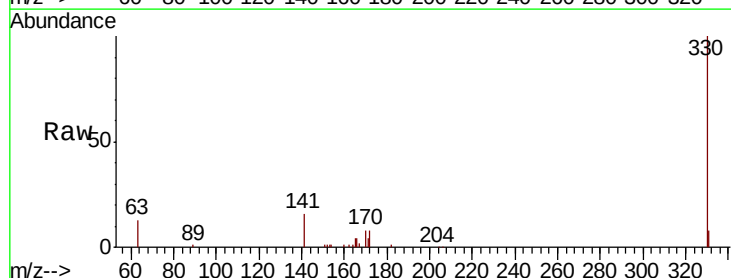


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

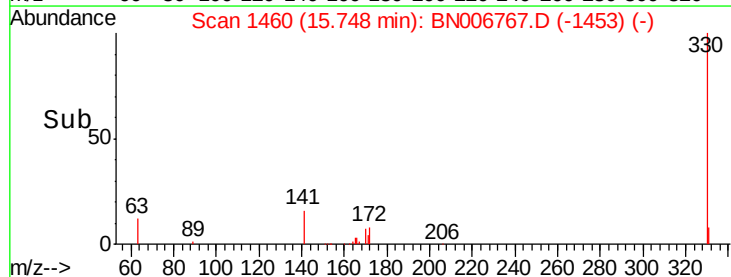
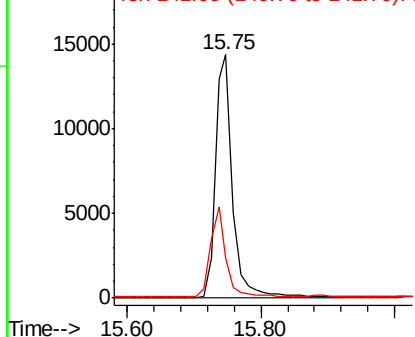


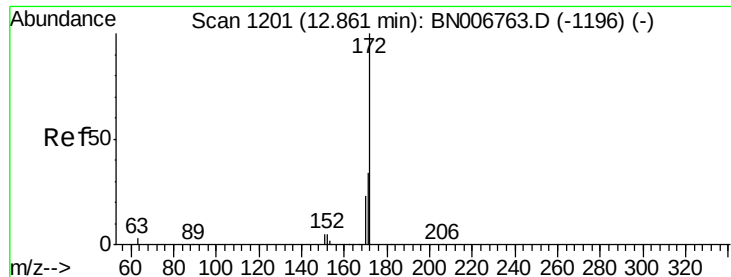
#14
 2,4,6-Tribromophenol
 Concen: 6.008 ng
 RT: 15.75 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BN006767.D
 Acq: 09 Jul 2019 12:07

Tgt Ion:330 Resp: 25628
 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

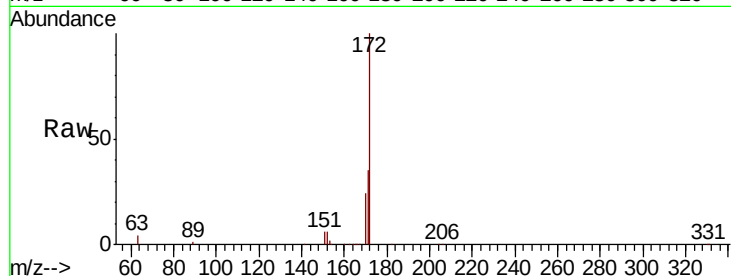




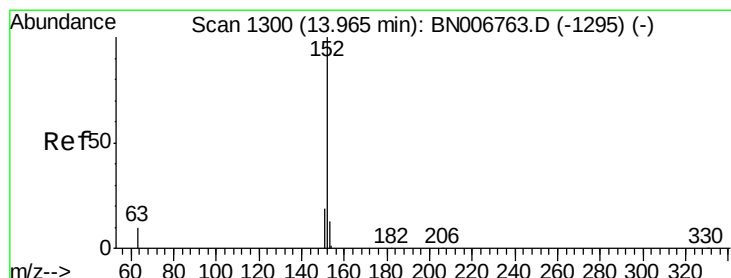
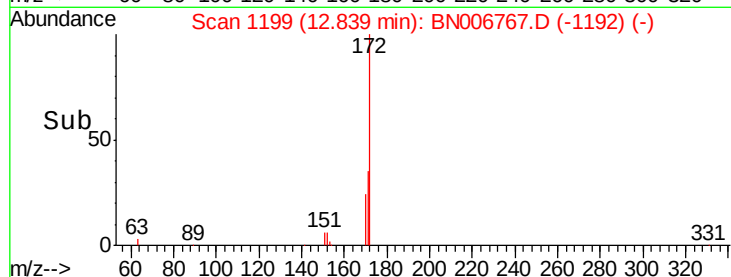
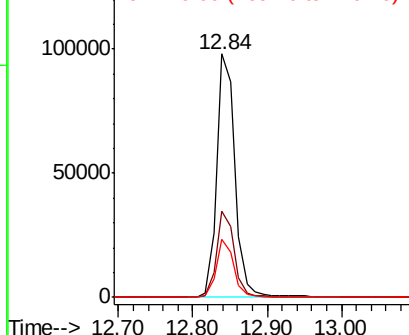
#15
2-Fluorobiphenyl
Concen: 4.907 ng
RT: 12.84 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BN006767.D
Acq: 09 Jul 2019 12:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 166579
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.9 19.0 28.6

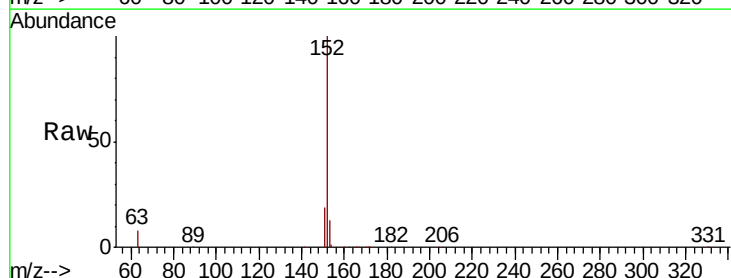


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

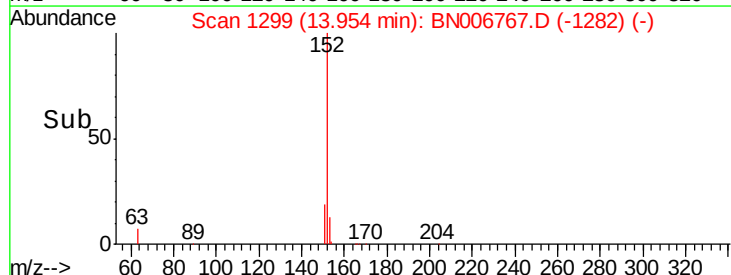
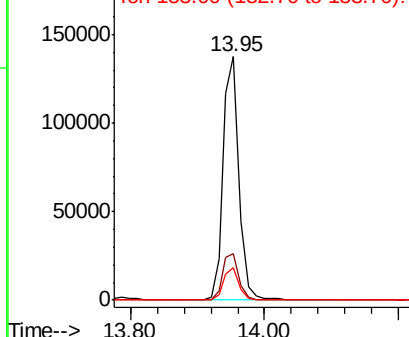


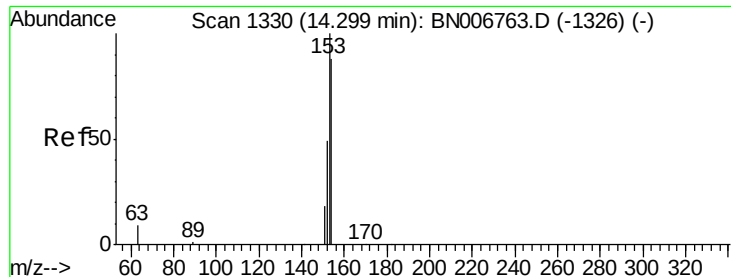
#16
Acenaphthylene
Concen: 5.215 ng
RT: 13.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BN006767.D
Acq: 09 Jul 2019 12:07

Tgt Ion:152 Resp: 225574
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.0 10.5 15.7



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





#17

Acenaphthene

Concen: 4.976 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :

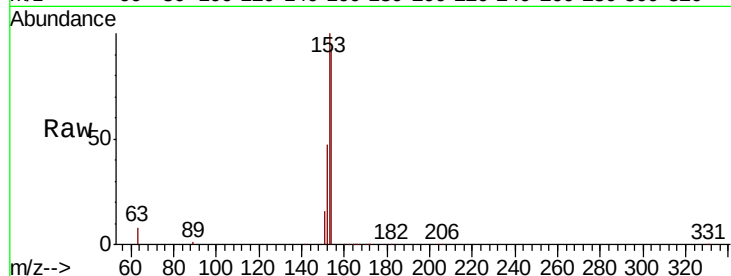
Tot Ion:154 Resp: 137255

Ion Ratio Lower Upper

154 100

153 112.2 90.8 136.2

152 54.2 44.9 67.3

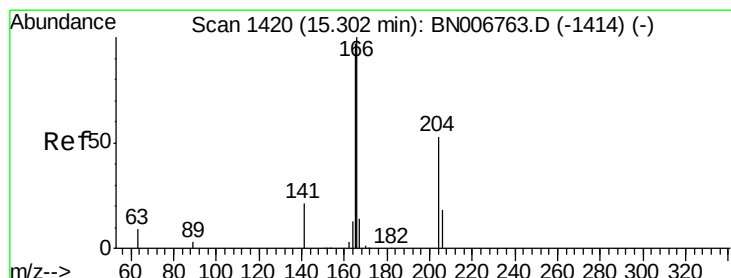
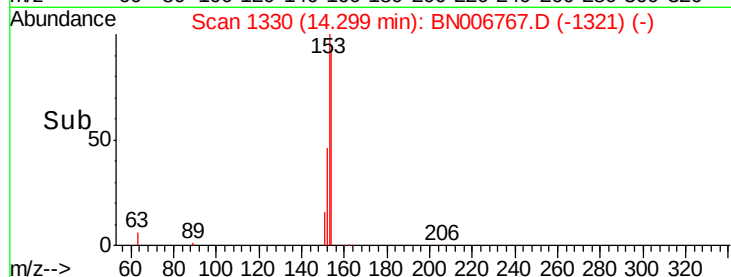
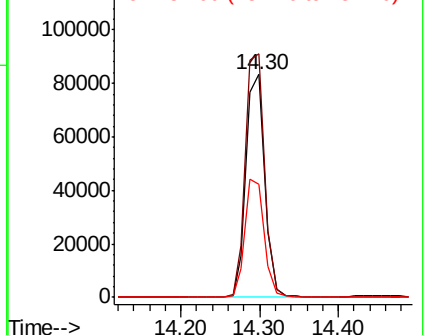


Abundance

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: 5.139 ng

RT: 15.29 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

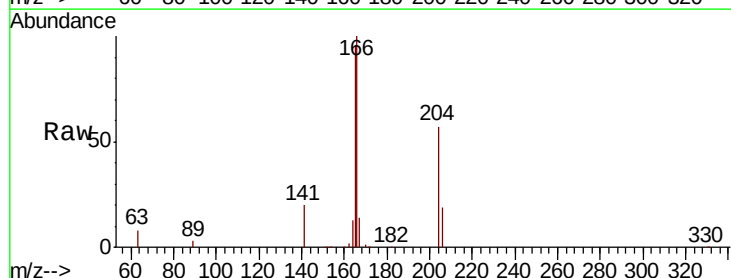
Tgt Ion:166 Resp: 175965

Ion Ratio Lower Upper

166 100

165 96.9 78.2 117.4

167 13.5 10.9 16.3

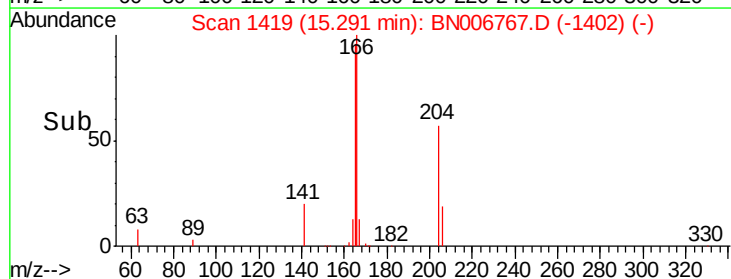
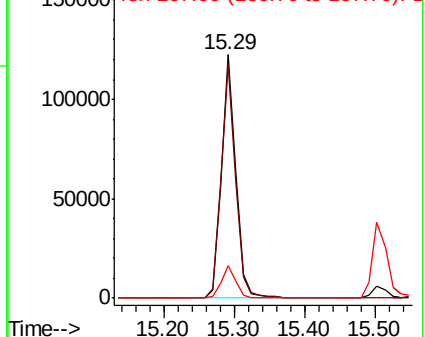


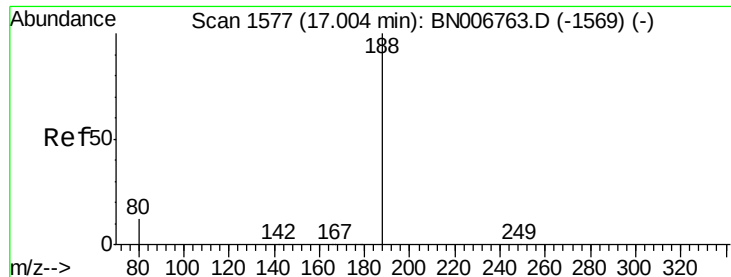
Abundance

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: 16.99 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :

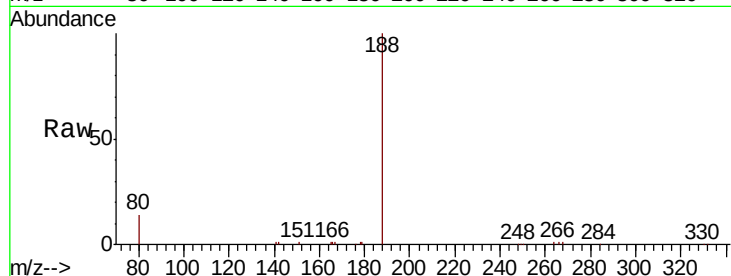
Tot Ion:188 Resp: 19240

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

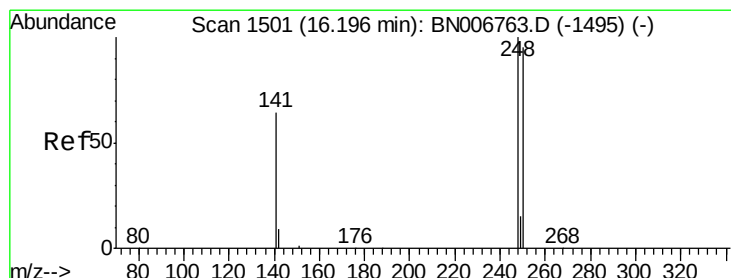
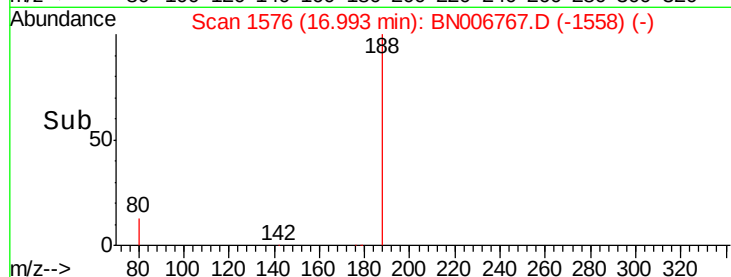
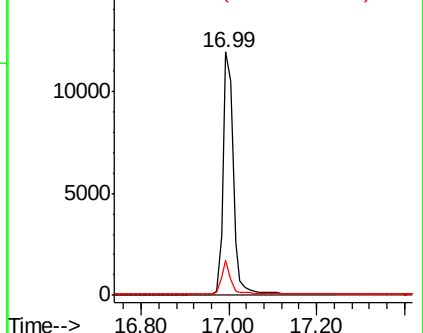
80 14.1 10.1 15.1



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: 5.304 ng

RT: 16.19 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

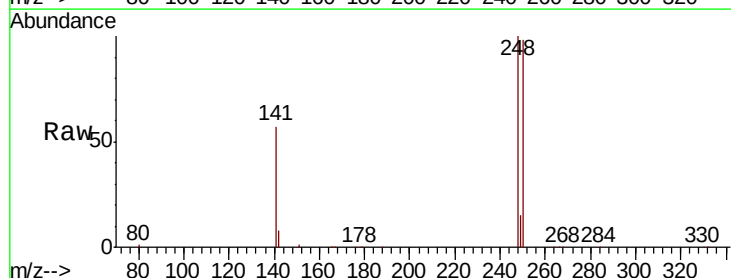
Tgt Ion:248 Resp: 60125

Ion Ratio Lower Upper

248 100

250 97.9 76.5 114.7

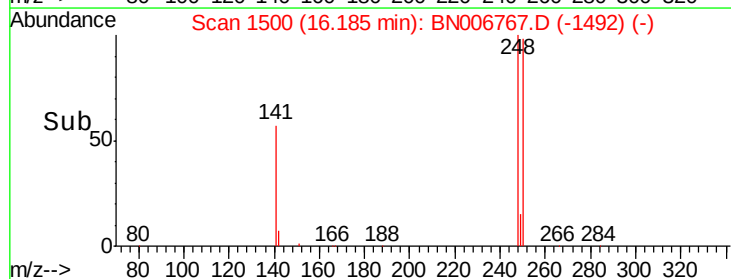
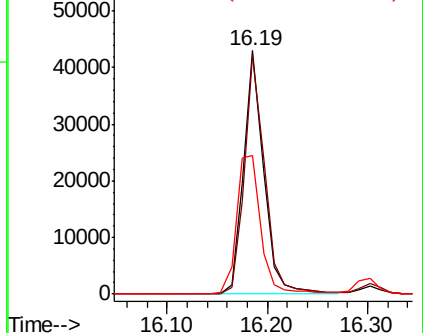
141 56.8 53.2 79.8

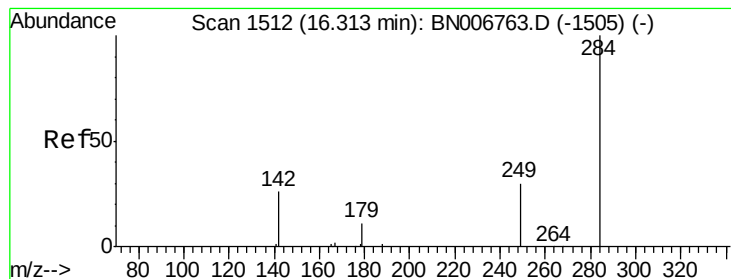


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.116 ng

RT: 16.30 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :

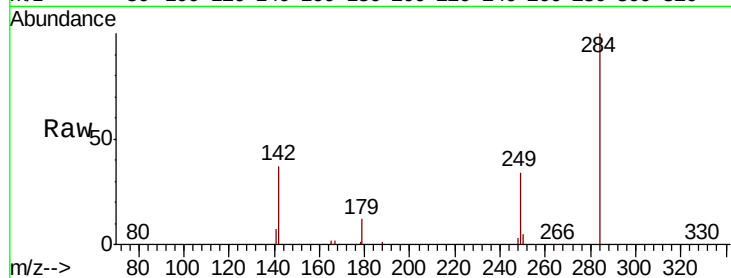
Tot Ion:284 Resp: 68990

Ion Ratio Lower Upper

284 100

142 33.8 27.0 40.4

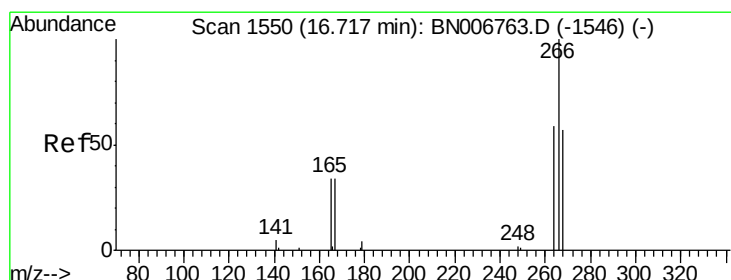
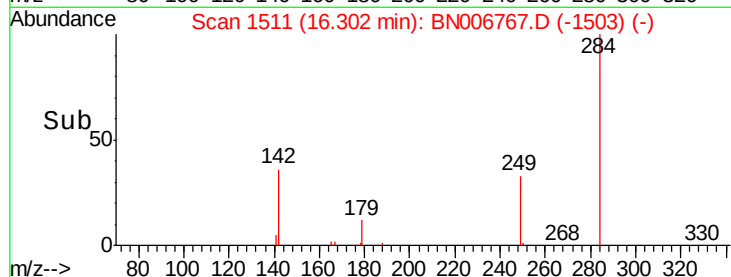
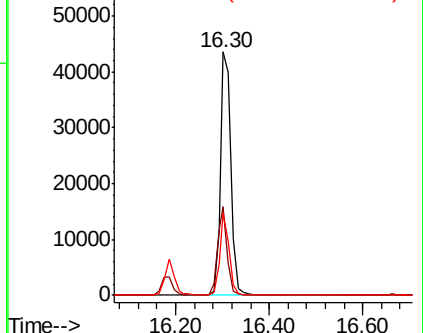
249 30.5 24.3 36.5



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: 8.539 ng

RT: 16.67 min Scan# 1546

Delta R.T. -0.04 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

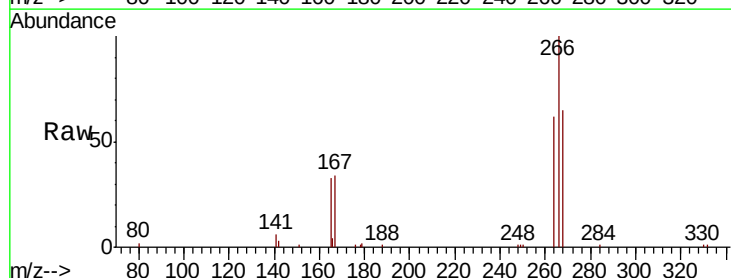
Tgt Ion:266 Resp: 16515

Ion Ratio Lower Upper

266 100

264 61.7 56.2 84.4

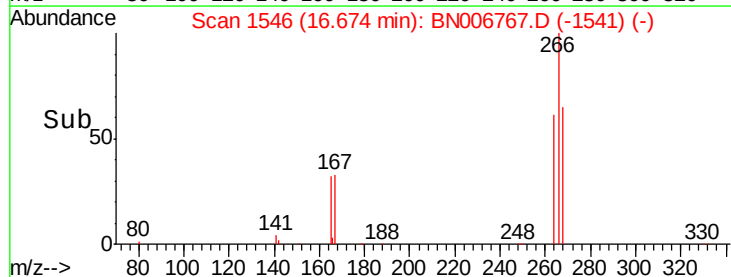
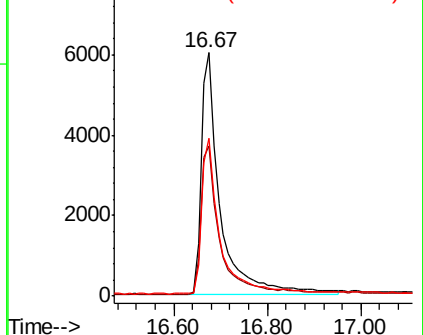
268 65.1 60.2 90.2

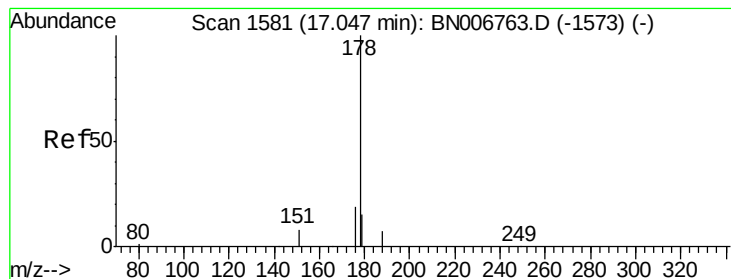


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.060 ng

RT: 17.04 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :

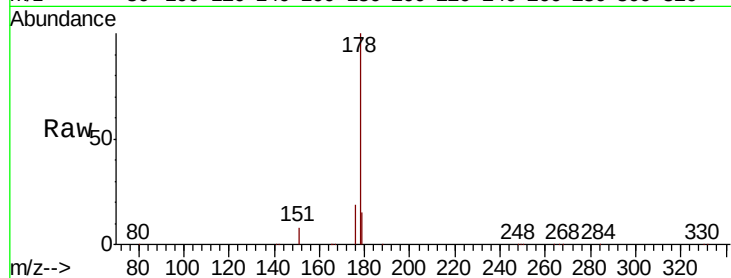
Tot Ion:178 Resp: 280609

Ion Ratio Lower Upper

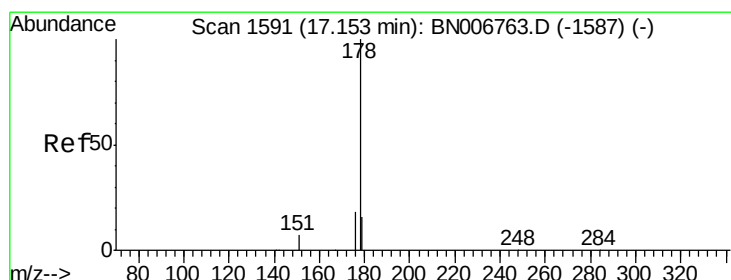
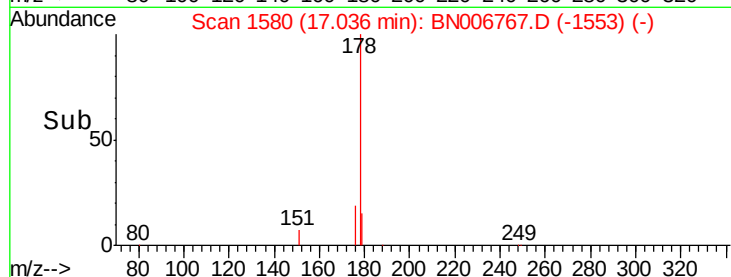
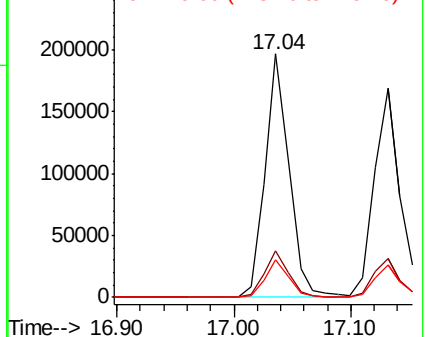
178 100

176 19.1 15.4 23.0

179 15.3 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: 5.371 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

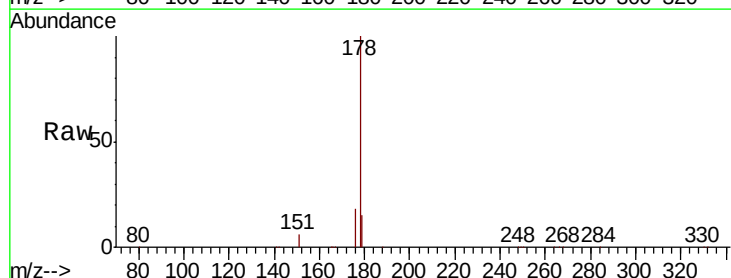
Tgt Ion:178 Resp: 269185

Ion Ratio Lower Upper

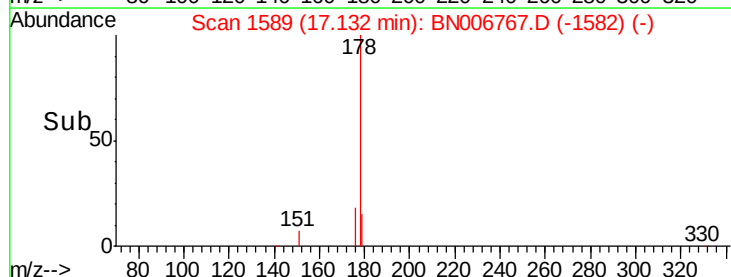
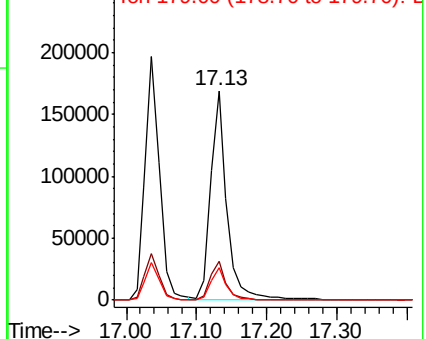
178 100

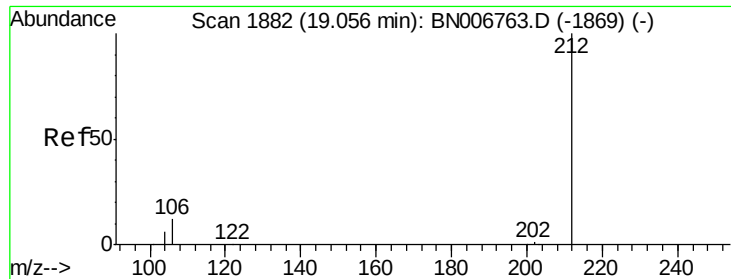
176 18.5 14.6 22.0

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: 5.577 ng

RT: 19.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :

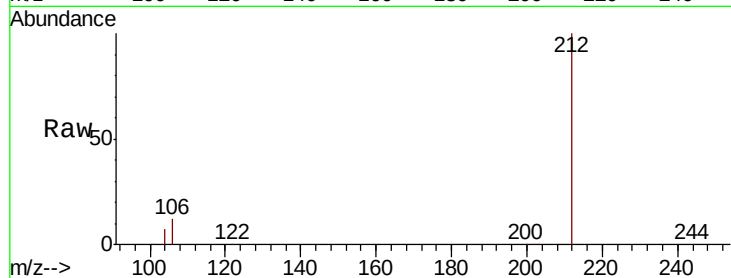
Tot Ion:212 Resp: 306996

Ion Ratio Lower Upper

212 100

106 13.3 10.5 15.7

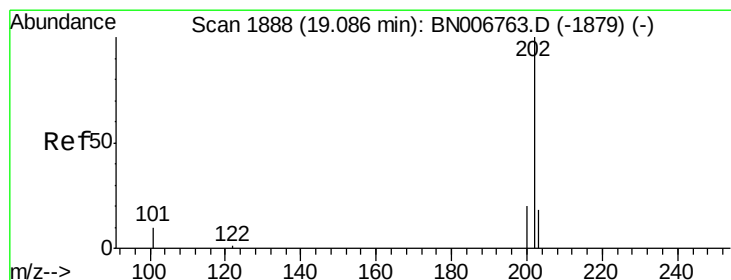
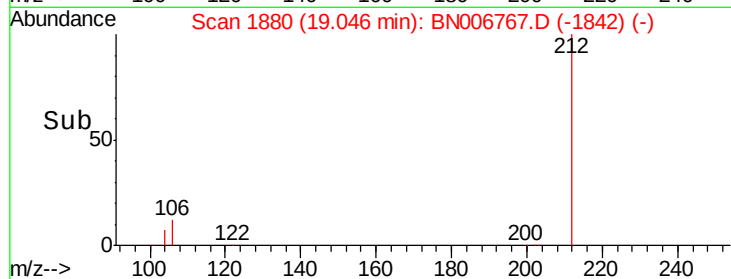
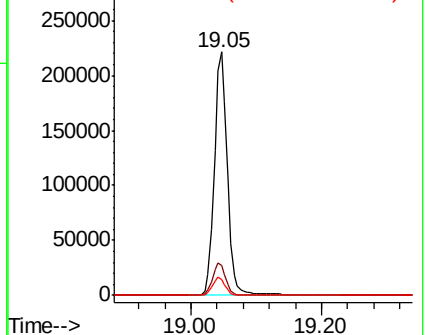
104 7.3 5.9 8.9



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: 5.206 ng

RT: 19.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

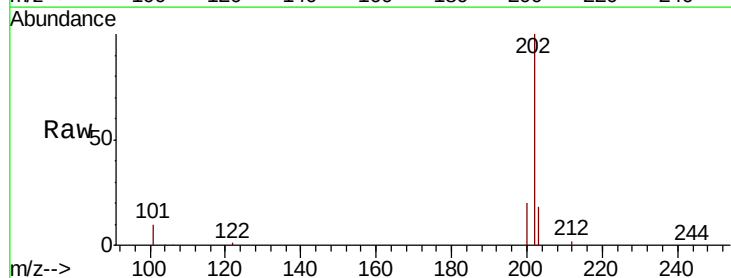
Tgt Ion:202 Resp: 338980

Ion Ratio Lower Upper

202 100

101 11.3 8.8 13.2

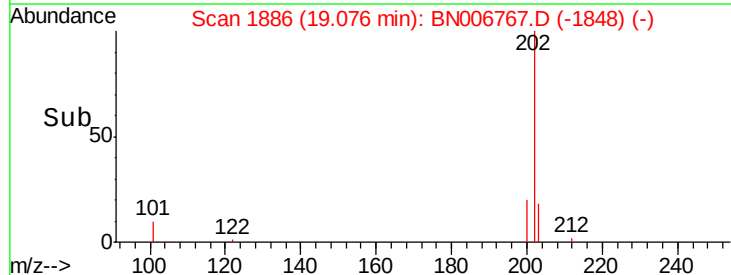
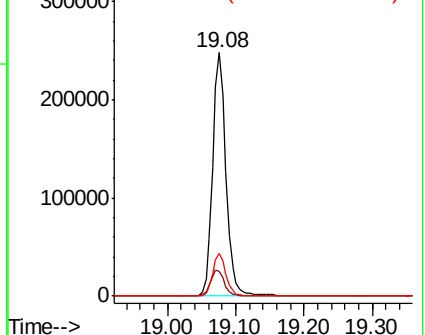
203 17.3 13.6 20.4

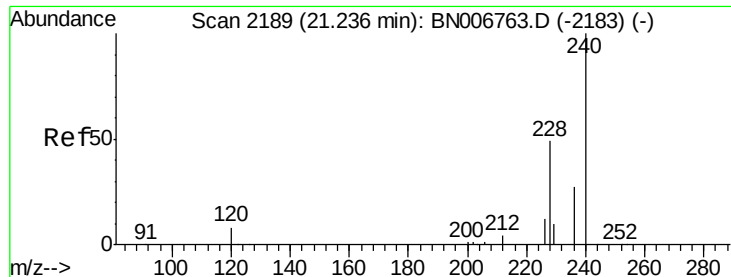


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.23 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :

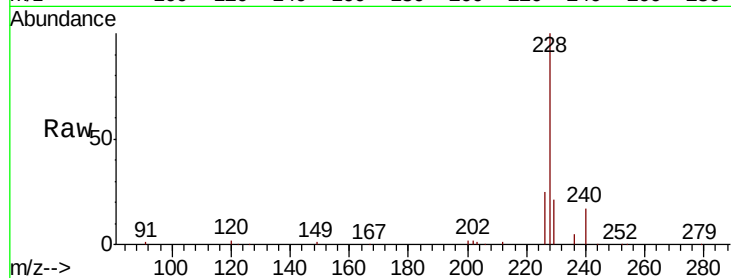
Tot Ion:240 Resp: 20131

Ion Ratio Lower Upper

240 100

120 13.3 8.1 12.1#

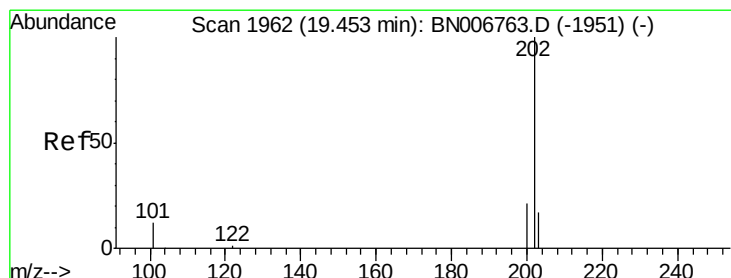
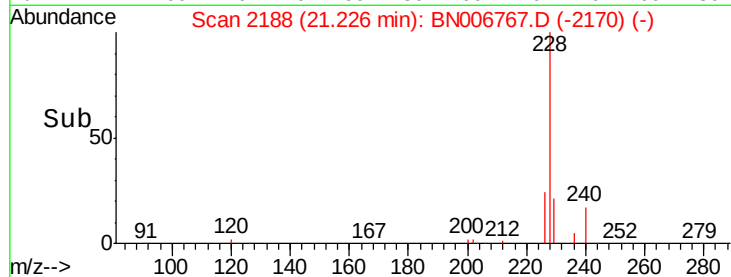
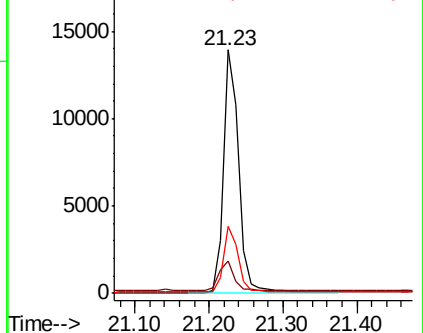
236 27.5 21.8 32.6



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: 4.261 ng

RT: 19.44 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

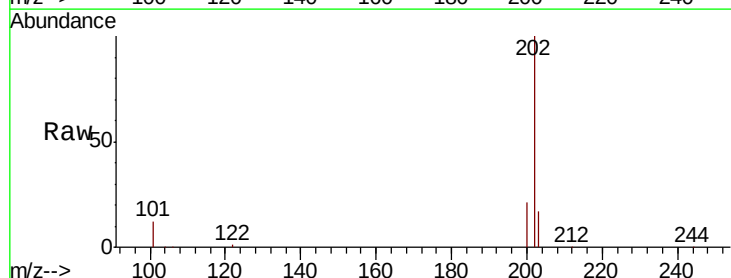
Tgt Ion:202 Resp: 343219

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

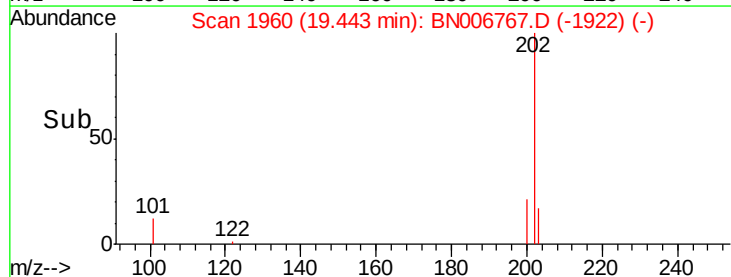
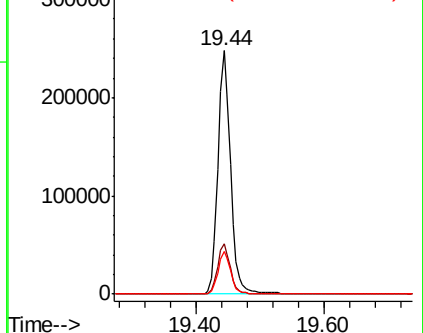
203 17.5 14.0 21.0

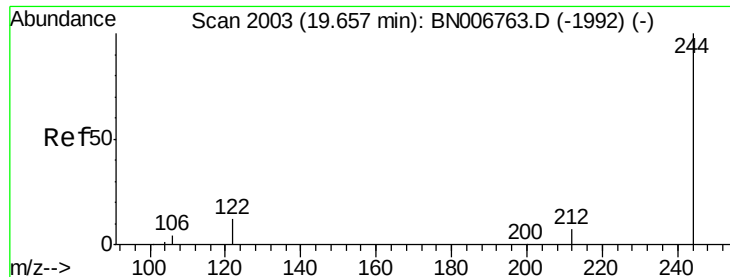


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.741 ng

RT: 19.65 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :

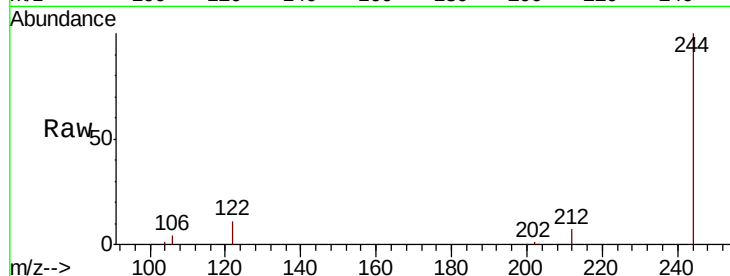
Tot Ion:244 Resp: 219742

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

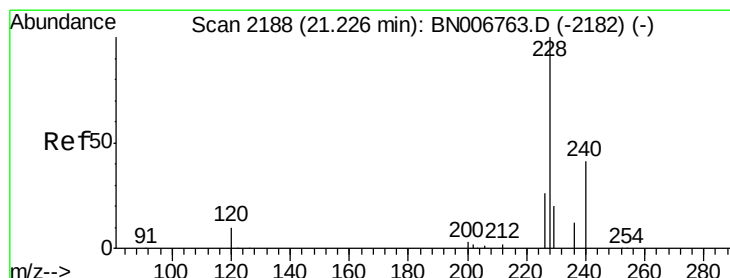
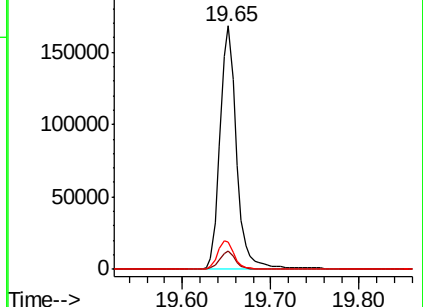
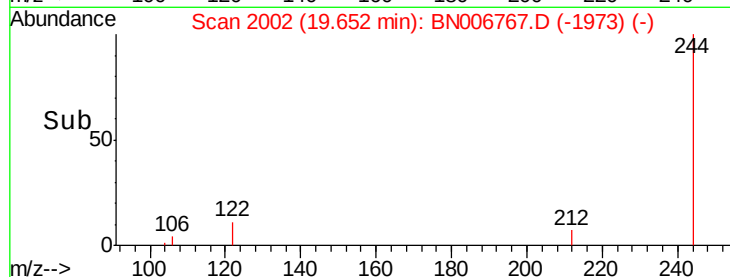
122 11.2 10.3 15.5



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: 4.774 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

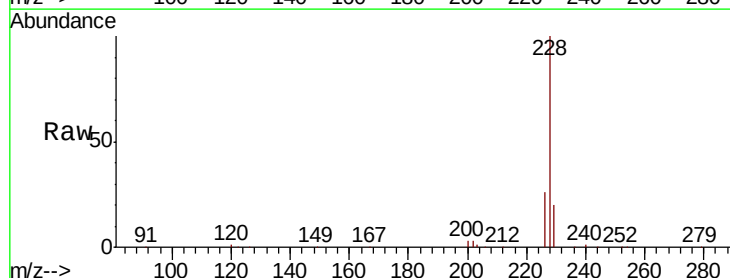
Tgt Ion:228 Resp: 331438

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

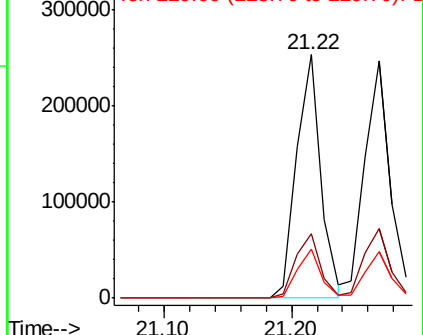
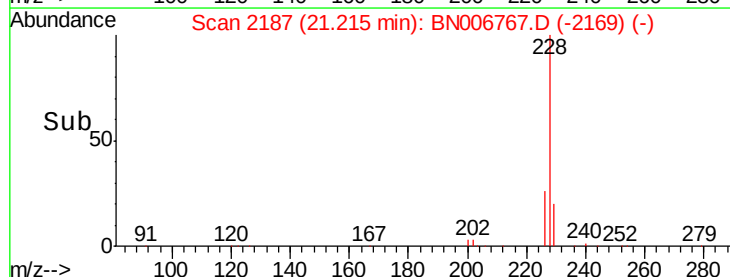
229 19.9 16.4 24.6

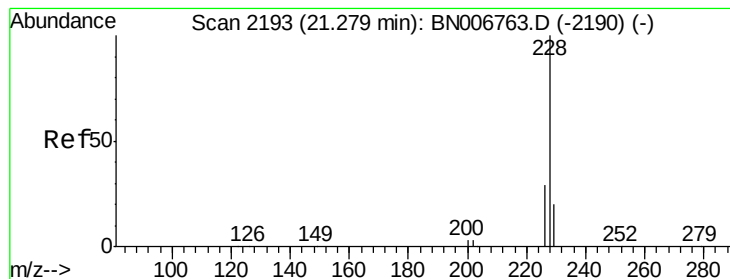


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 4.827 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

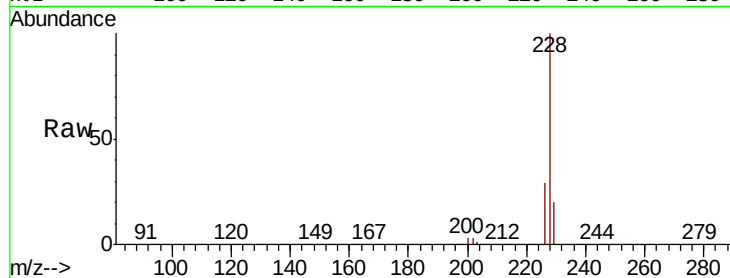
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 345417

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.5	35.3
229	19.8	16.0	24.0

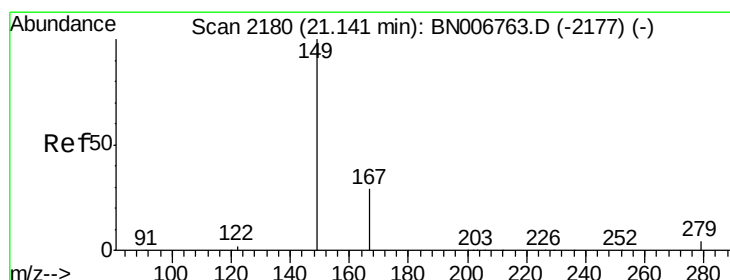
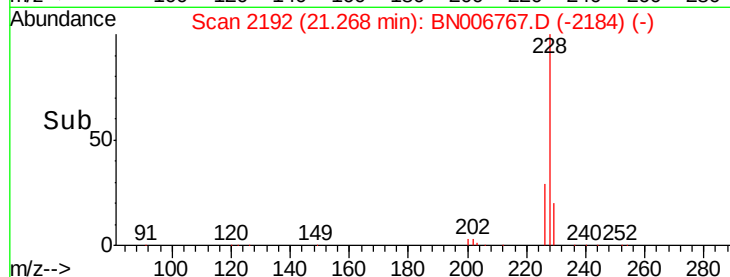
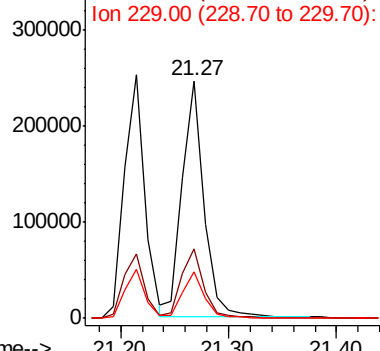


Abundance

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: 0.798 ng

RT: 21.14 min Scan# 2180

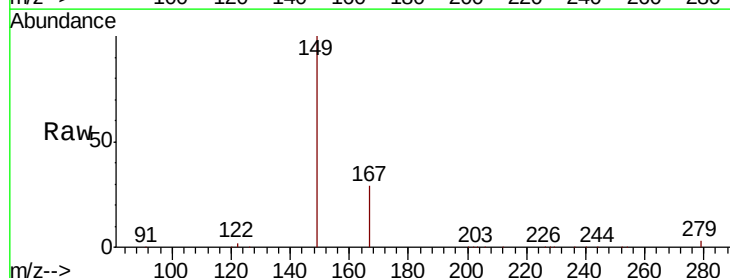
Delta R.T. -0.00 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Tgt Ion:149 Resp: 165277

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	4.4	3.7	5.5

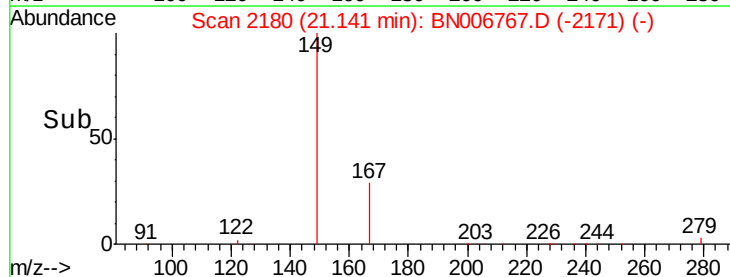
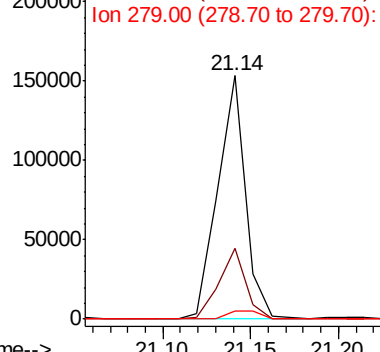


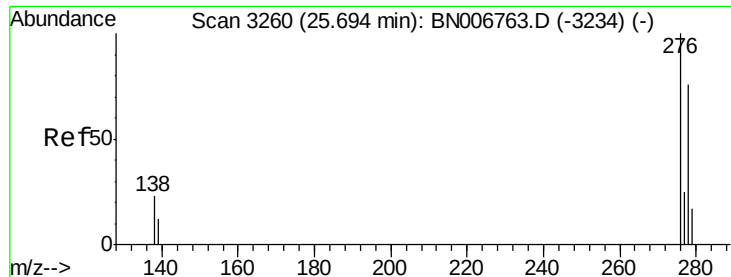
Abundance

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: 4.867 ng

RT: 25.67 min Scan# 3253

Delta R.T. -0.02 min

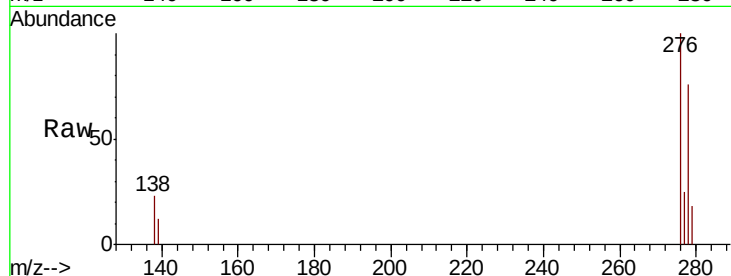
Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :



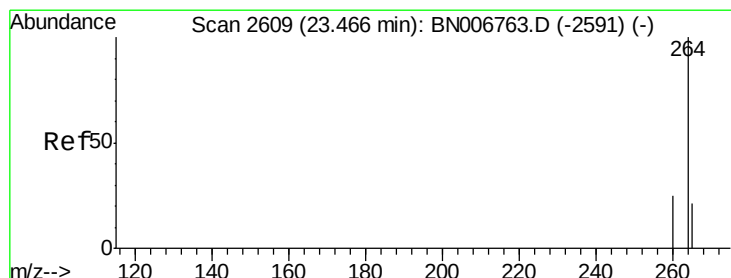
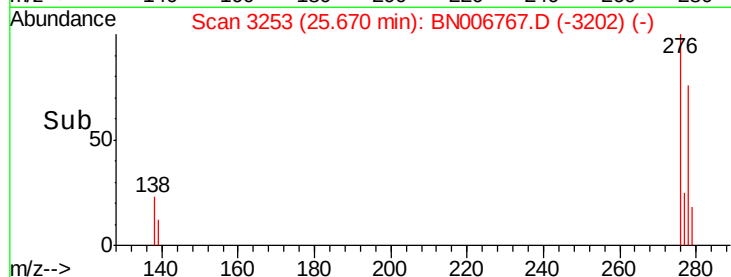
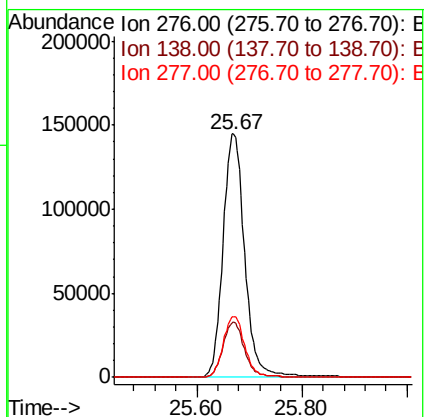
Tot Ion:276 Resp: 416559

Ion Ratio Lower Upper

276 100

138 22.7 17.9 26.9

277 25.1 19.8 29.8



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.46 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

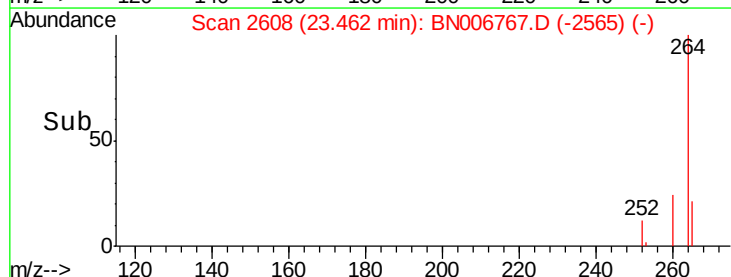
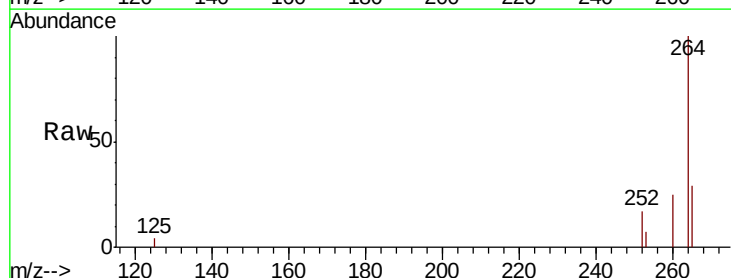
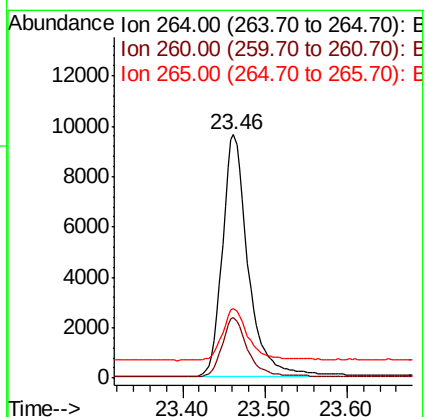
Tgt Ion:264 Resp: 20854

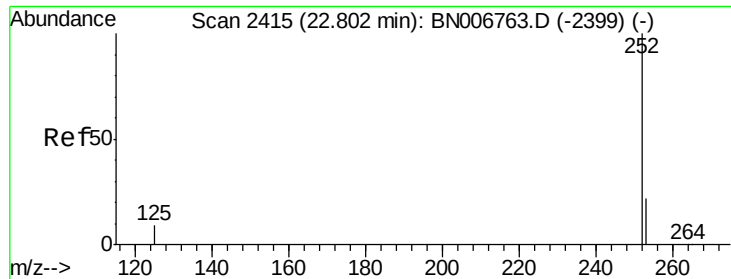
Ion Ratio Lower Upper

264 100

260 24.8 20.2 30.4

265 28.7 24.6 37.0

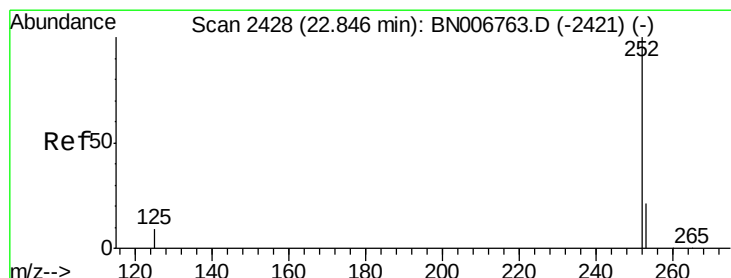
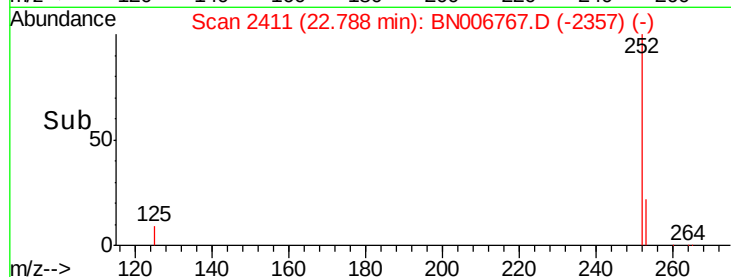
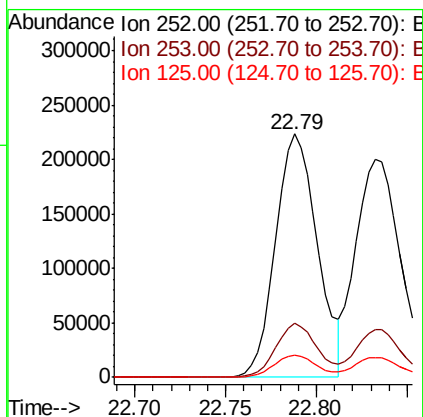
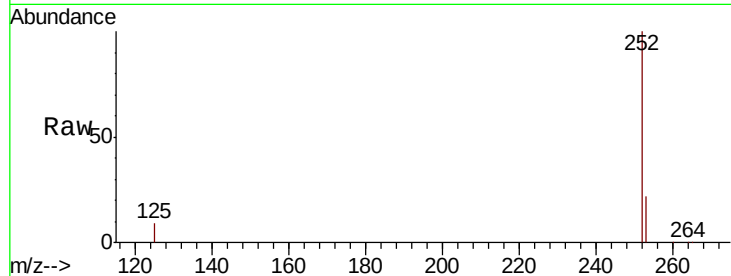




#35
Benzo(b)fluoranthene
Concen: 5.341 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BN006767.D
Acq: 09 Jul 2019 12:07

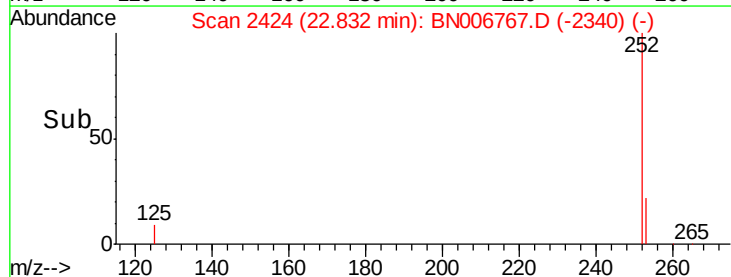
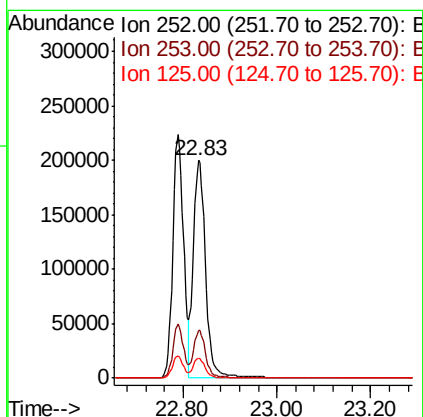
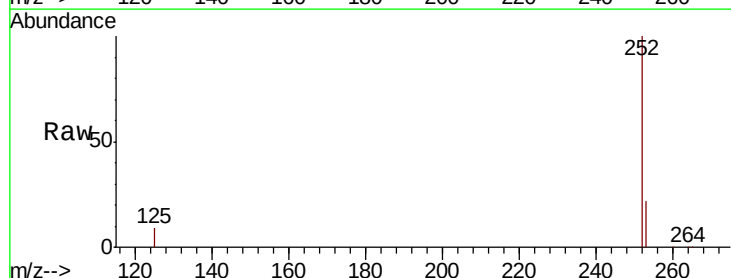
Instrument :
BNA_N
ClientSampled :

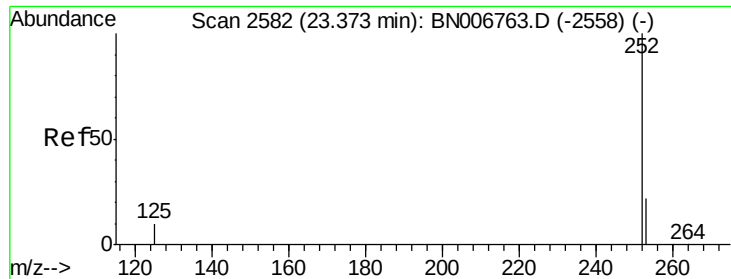
Tot Ion:252 Resp: 357518
Ion Ratio Lower Upper
252 100
253 22.0 18.9 28.3
125 9.2 8.5 12.7



#36
Benzo(k)fluoranthene
Concen: 4.996 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BN006767.D
Acq: 09 Jul 2019 12:07

Tgt Ion:252 Resp: 362655
Ion Ratio Lower Upper
252 100
253 21.7 18.9 28.3
125 9.2 8.4 12.6





#37

Benzo(a)pyrene

Concen: 5.191 ng

RT: 23.36 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :

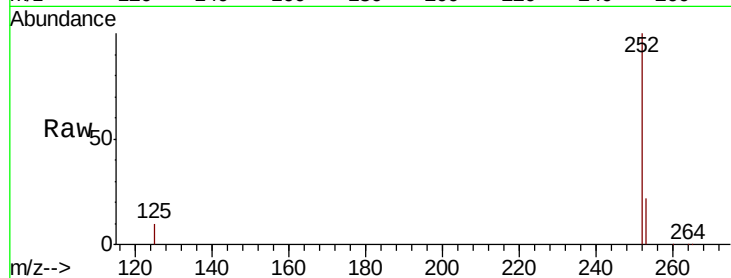
Tot Ion:252 Resp: 336594

Ion Ratio Lower Upper

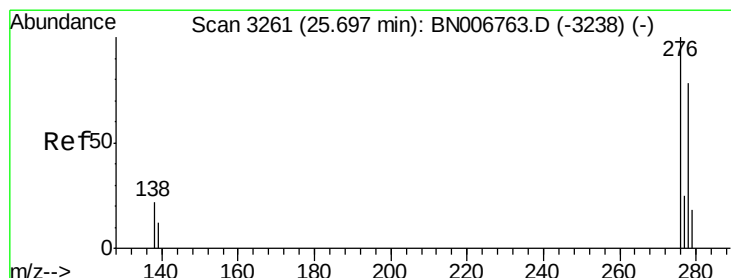
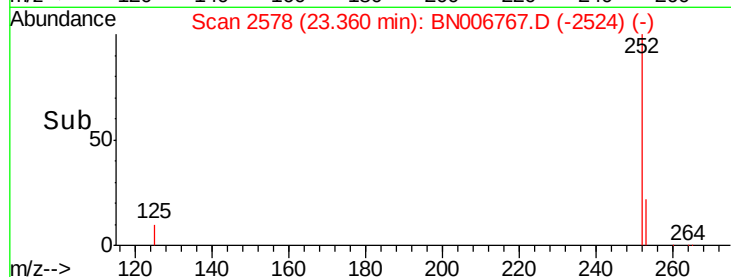
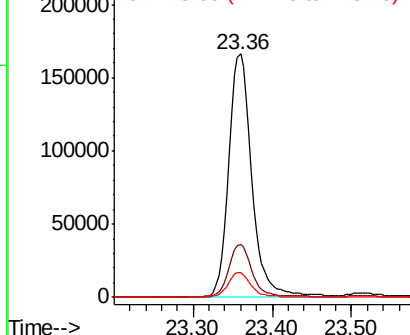
252 100

253 21.8 19.5 29.3

125 10.1 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: 5.226 ng

RT: 25.68 min Scan# 3255

Delta R.T. -0.02 min

Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

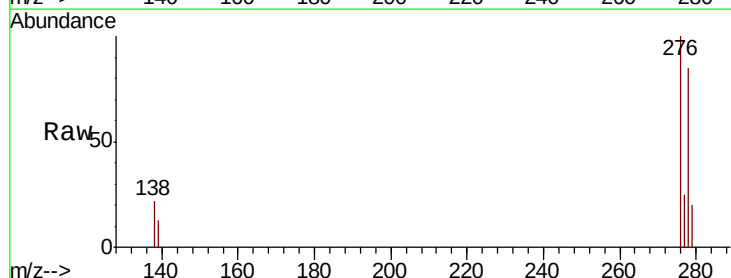
Tgt Ion:278 Resp: 336669

Ion Ratio Lower Upper

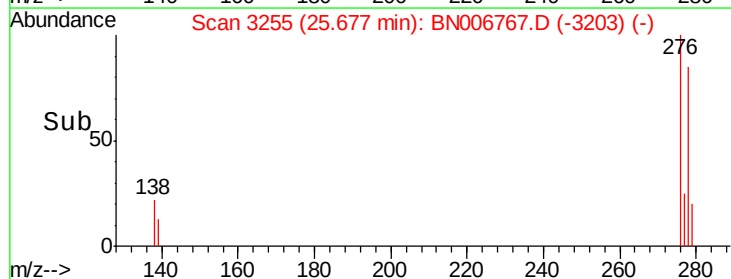
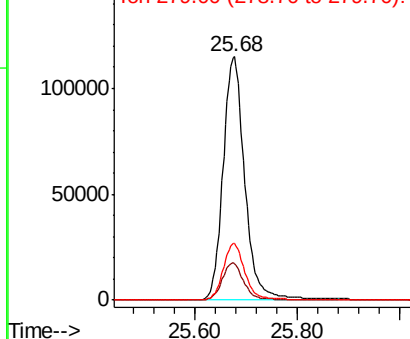
278 100

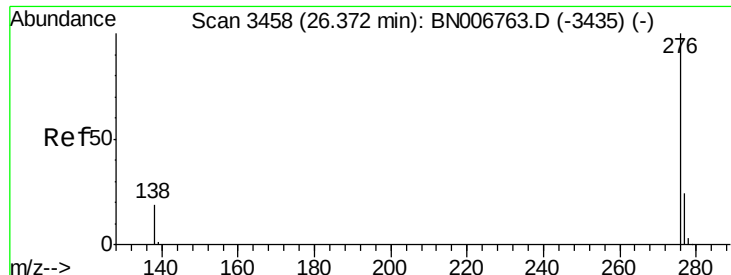
139 15.1 13.1 19.7

279 23.3 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: 5.140 ng

RT: 26.35 min Scan# 3451

Delta R.T. -0.02 min

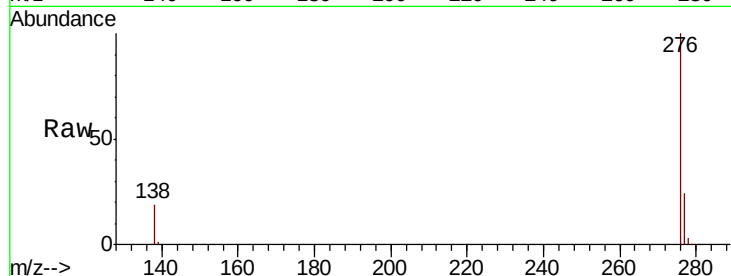
Lab File: BN006767.D

Acq: 09 Jul 2019 12:07

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 340783

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.2

138 19.5 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

