

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
 Data File : BN006768.D
 Acq On : 09 Jul 2019 15:58
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN070919

Quant Time: Jul 09 17:36:02 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 17:31:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2817	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	10858	0.40	ng	0.01
13) Acenaphthene-d10	14.24	164	6164	0.40	ng	0.00
19) Phenanthrene-d10	17.01	188	14147	0.40	ng	0.01
27) Chrysene-d12	21.26	240	13866	0.40	ng	0.02
34) Perylene-d12	23.51	264	15967	0.40	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	2180	0.35	ng	0.00
5) Phenol-d6	6.82	99	2878	0.33	ng	0.00
8) Nitrobenzene-d5	8.79	82	2541	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	11.98	152	5997	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	956	0.33	ng	0.01
15) 2-Fluorobiphenyl	12.86	172	8730	0.38	ng	0.00
25) Fluoranthene-d10	19.06	212	15689	0.37	ng	0.00
29) Terphenyl-d14	19.67	244	11998	0.39	ng	0.00

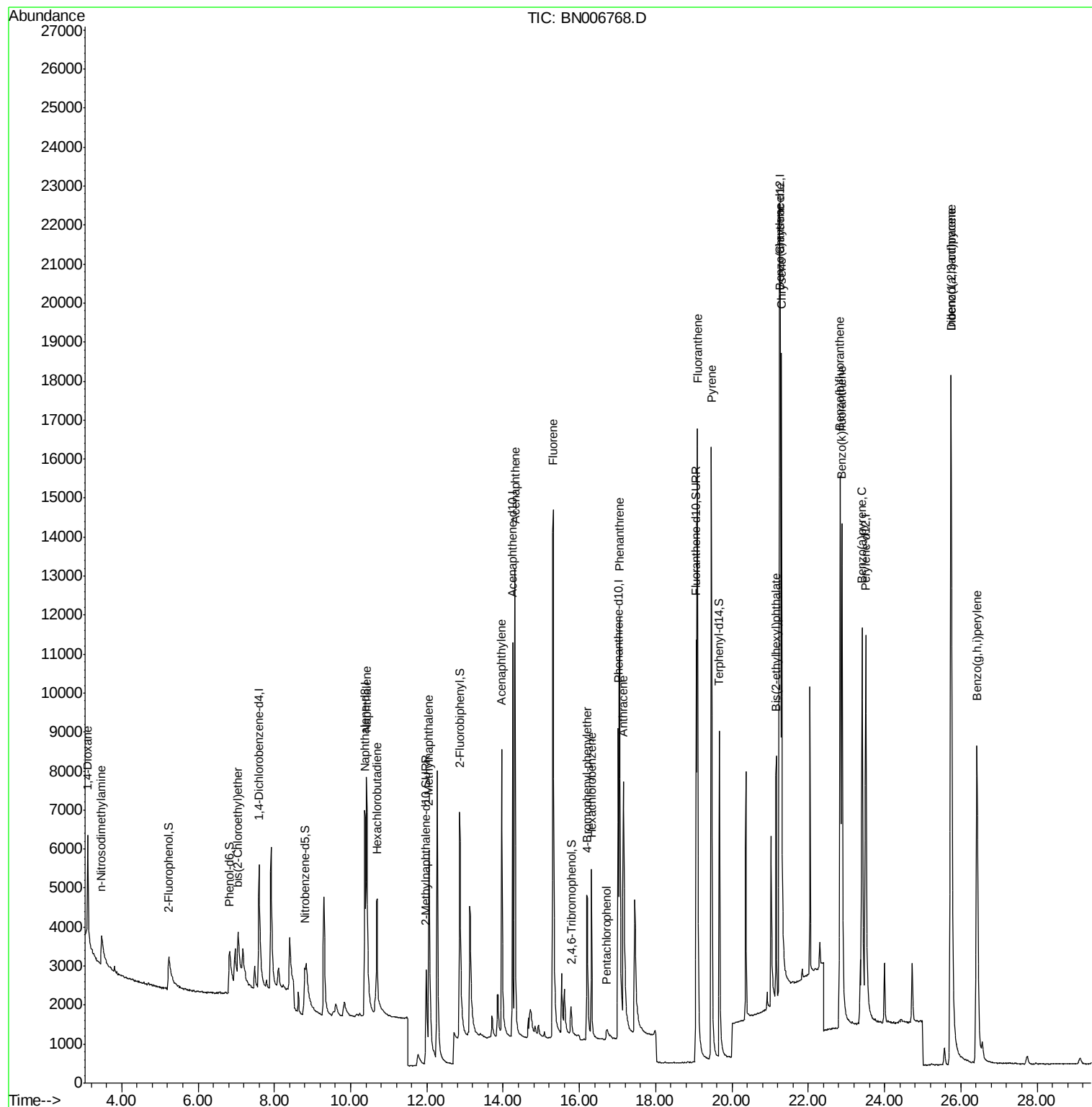
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	1714	0.371	ng	94
3) n-Nitrosodimethylamine	3.47	42	1194	0.457	ng	97
6) bis(2-Chloroethyl)ether	7.05	93	3182	0.332	ng	98
9) Naphthalene	10.42	128	11159	0.384	ng	99
10) Hexachlorobutadiene	10.69	225	2449	0.388	ng	# 99
12) 2-Methylnaphthalene	12.06	142	7079	0.381	ng	100
16) Acenaphthylene	13.96	152	10729	0.369	ng	99
17) Acenaphthene	14.31	154	7502	0.384	ng	99
18) Fluorene	15.31	166	9014	0.372	ng	100
20) 4-Bromophenyl-phenylether	16.21	248	2935	0.367	ng	91
21) Hexachlorobenzene	16.32	284	4020	0.386	ng	99
22) Pentachlorophenol	16.72	266	500	0.456	ng	98
23) Phenanthrene	17.06	178	14669	0.374	ng	99
24) Anthracene	17.15	178	12028	0.354	ng	99
26) Fluoranthene	19.10	202	18615	0.378	ng	99
28) Pyrene	19.46	202	19083	0.396	ng	100
30) Benzo(a)anthracene	21.25	228	15459	0.362	ng	100
31) Chrysene	21.30	228	19348	0.404	ng	100
32) Bis(2-ethylhexyl)phthalate	21.16	149	6611	0.332	ng	99
33) Indeno(1,2,3-cd)pyrene	25.74	276	23673	0.404	ng	100
35) Benzo(b)fluoranthene	22.84	252	19251	0.384	ng	99
36) Benzo(k)fluoranthene	22.88	252	22869	0.406	ng	98
37) Benzo(a)pyrene	23.41	252	19234	0.395	ng	99
38) Dibenzo(a,h)anthracene	25.75	278	18986	0.387	ng	100
39) Benzo(g,h,i)perylene	26.43	276	20135	0.392	ng	99

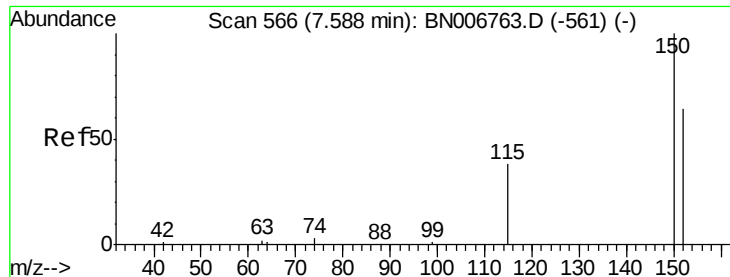
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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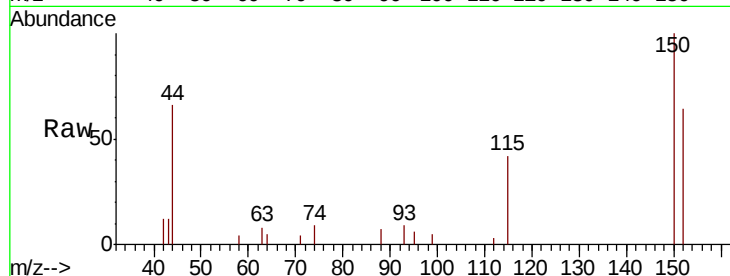


#1

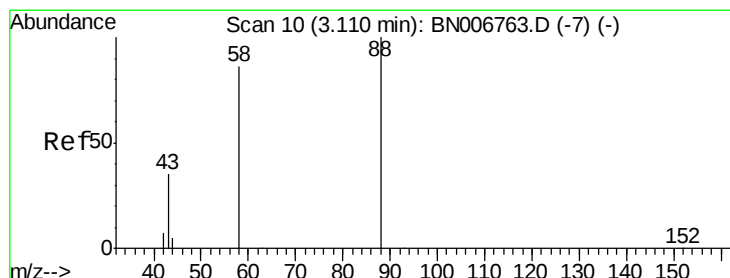
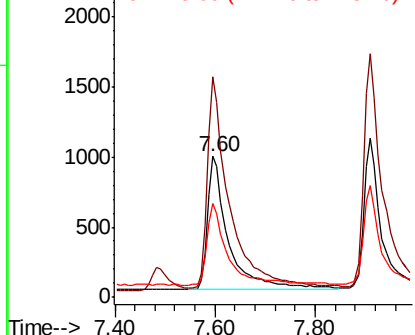
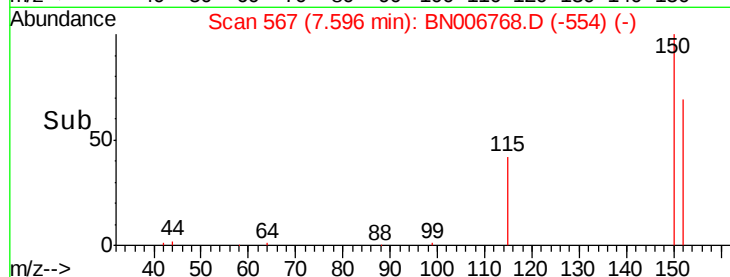
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.60 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BN006768.D
 Acq: 09 Jul 2019 15:58

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN070919

Tot Ion:152 Resp: 2817
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.6 185.4
 115 66.2 52.5 78.7



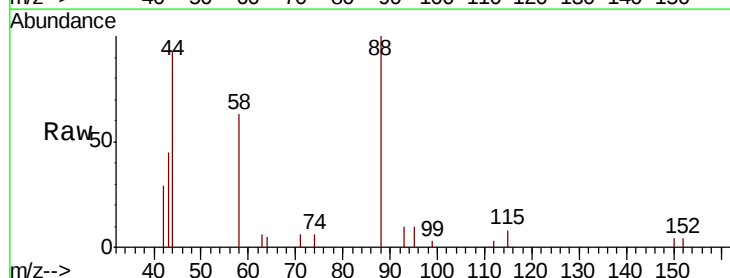
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



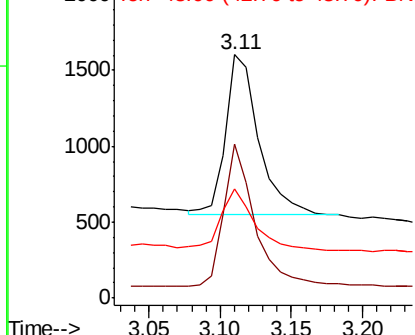
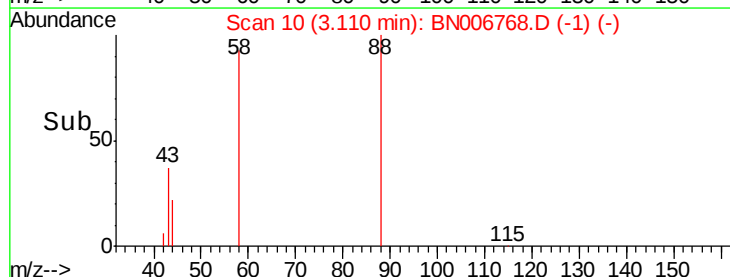
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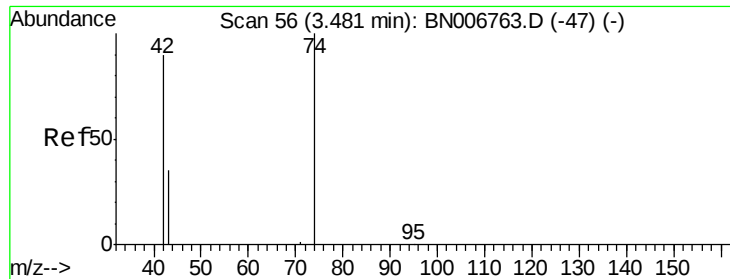
1,4-Dioxane
 Concen: 0.371 ng
 RT: 3.11 min Scan# 10
 Delta R.T. -0.00 min
 Lab File: BN006768.D
 Acq: 09 Jul 2019 15:58

Tgt Ion: 88 Resp: 1714
 Ion Ratio Lower Upper
 88 100
 58 83.0 70.3 105.5
 43 40.1 27.8 41.6



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



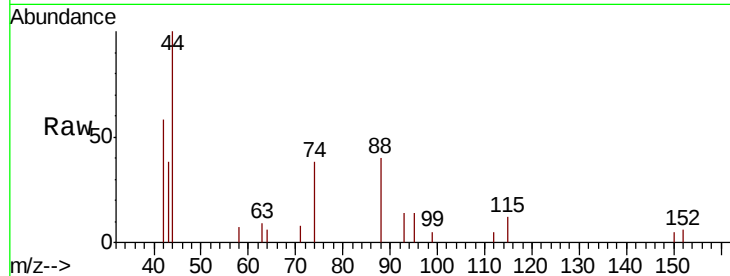


#3

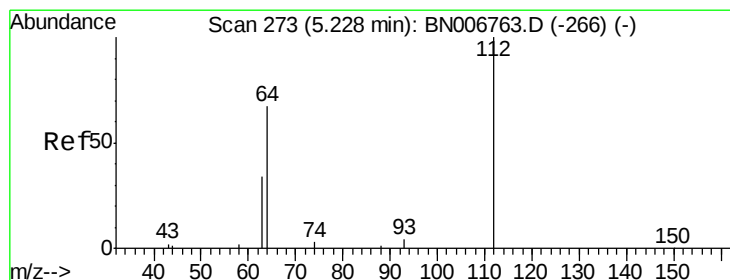
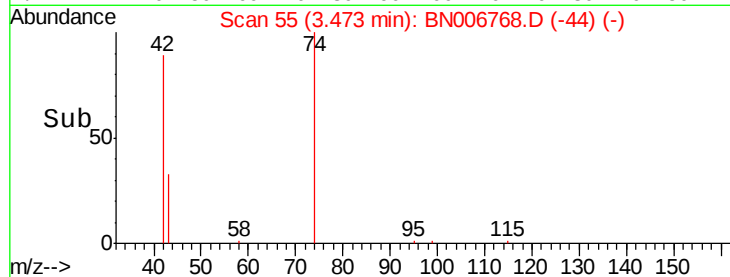
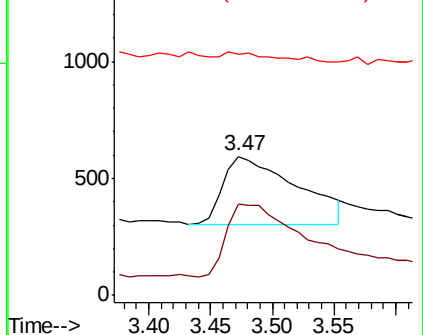
n-Nitrosodimethylamine
 Concen: 0.457 ng
 RT: 3.47 min Scan# 55
 Delta R.T. -0.01 min
 Lab File: BN006768.D
 Acq: 09 Jul 2019 15:58

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN070919

Tot Ion: 42 Resp: 1194
 Ion Ratio Lower Upper
 42 100
 74 110.2 85.8 128.6
 44 10.1 7.4 11.0



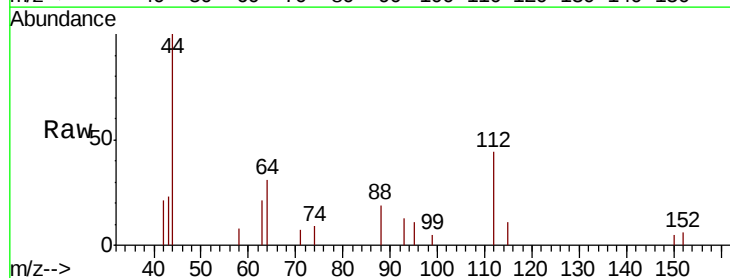
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



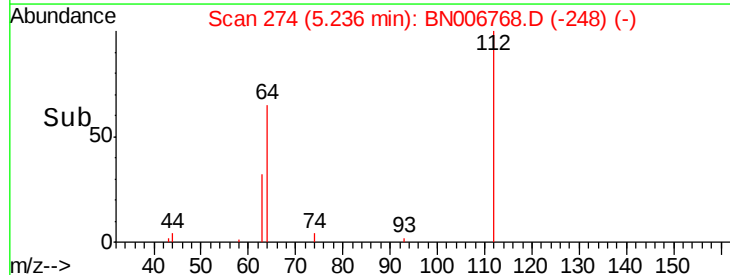
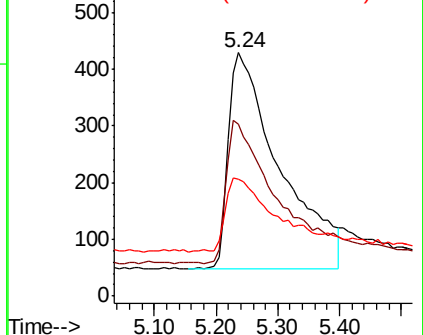
#4

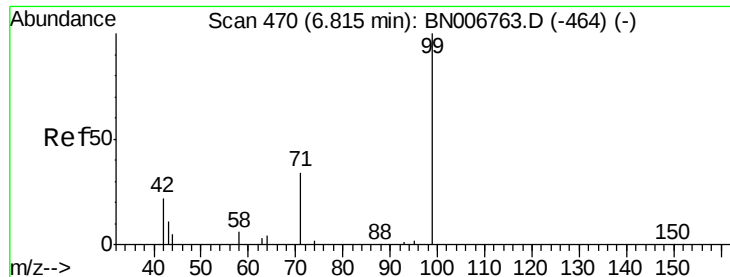
2-Fluorophenol
 Concen: 0.348 ng
 RT: 5.24 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BN006768.D
 Acq: 09 Jul 2019 15:58

Tgt Ion: 112 Resp: 2180
 Ion Ratio Lower Upper
 112 100
 64 66.8 52.8 79.2
 63 36.4 26.8 40.2



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: 0.334 ng

RT: 6.82 min Scan# 471

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

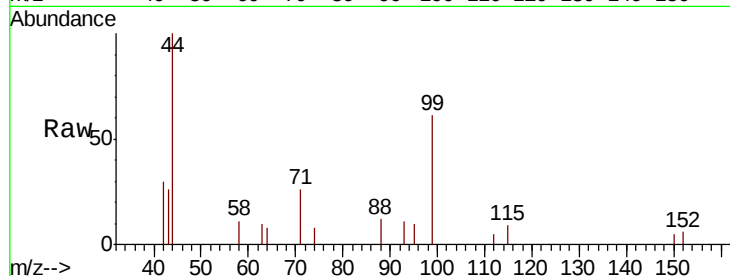
Tot Ion: 99 Resp: 2878

Ion Ratio Lower Upper

99 100

42 24.0 16.6 24.8

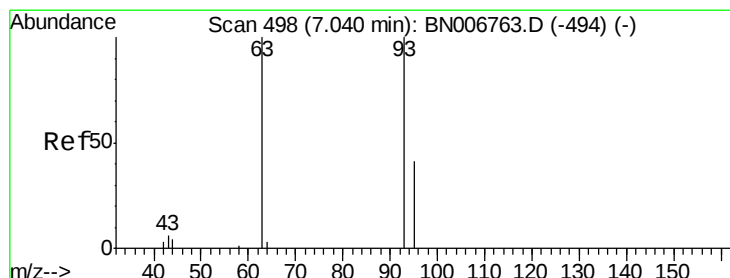
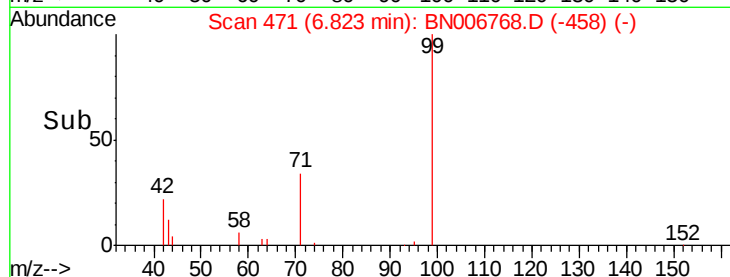
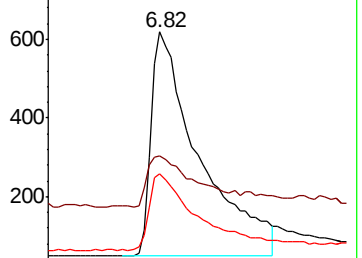
71 34.6 29.1 43.7



Abundance Ion 99.00 (98.70 to 99.70): BN006763.D (-464) (-)

Ion 42.00 (41.70 to 42.70): BN006763.D (-464) (-)

Ion 71.00 (70.70 to 71.70): BN006763.D (-464) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.332 ng

RT: 7.05 min Scan# 499

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

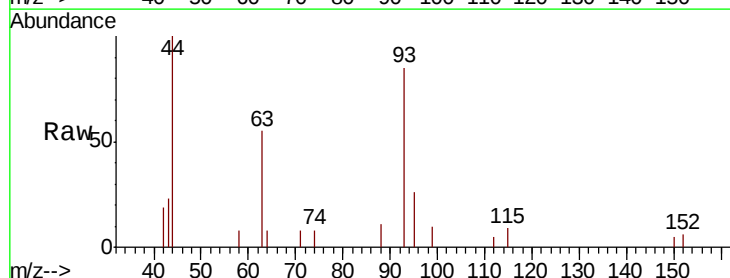
Tgt Ion: 93 Resp: 3182

Ion Ratio Lower Upper

93 100

63 55.0 45.3 67.9

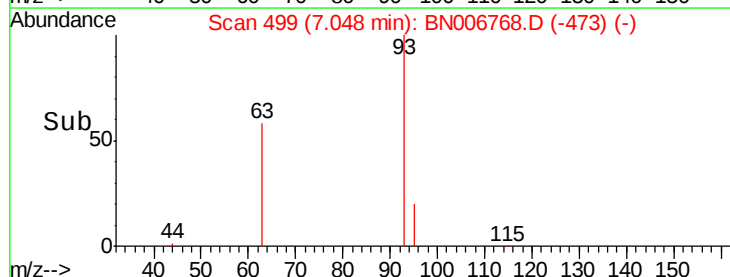
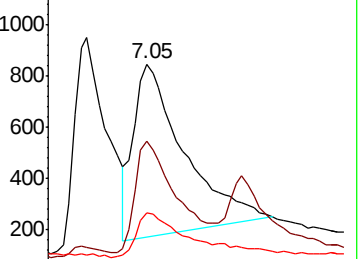
95 28.3 21.8 32.8

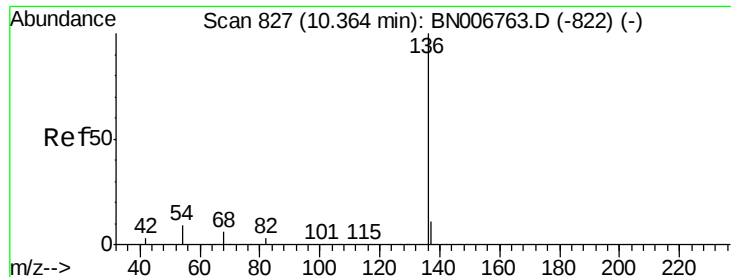


Abundance Ion 93.00 (92.70 to 93.70): BN006763.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN006763.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN006763.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

Tot Ion:136 Resp: 10858

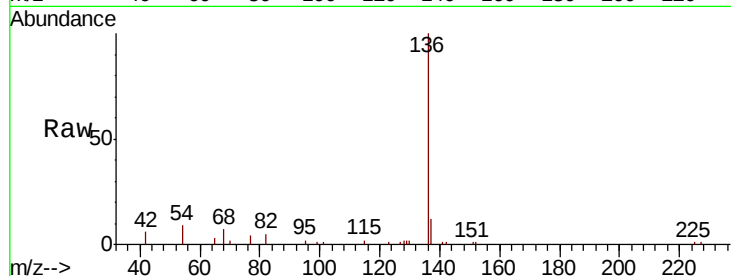
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 9.4 8.4 12.6

68 7.1 6.4 9.6

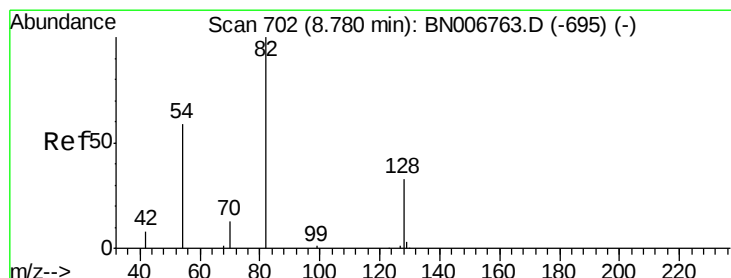
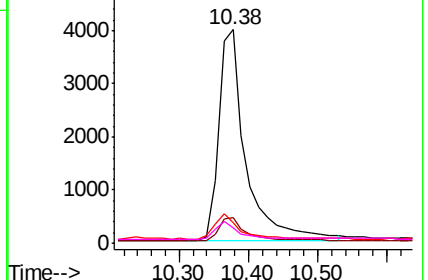
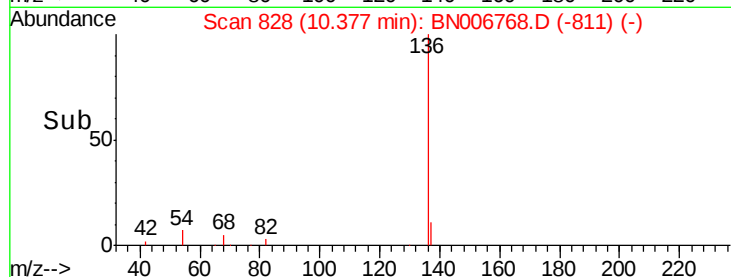


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.343 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

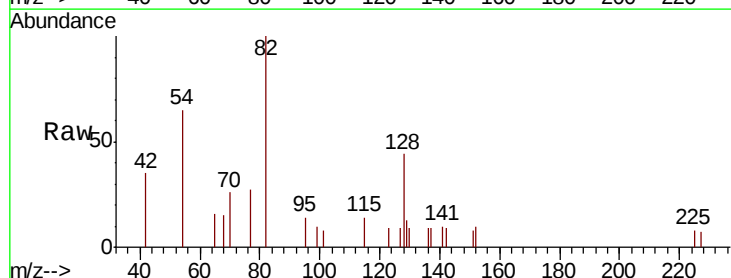
Tgt Ion: 82 Resp: 2541

Ion Ratio Lower Upper

82 100

128 44.4 33.0 49.6

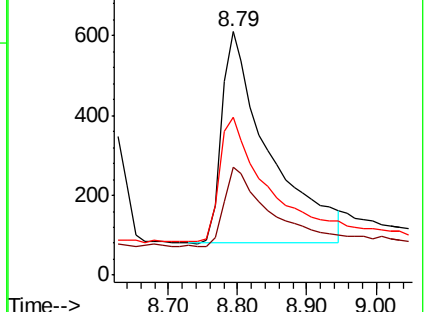
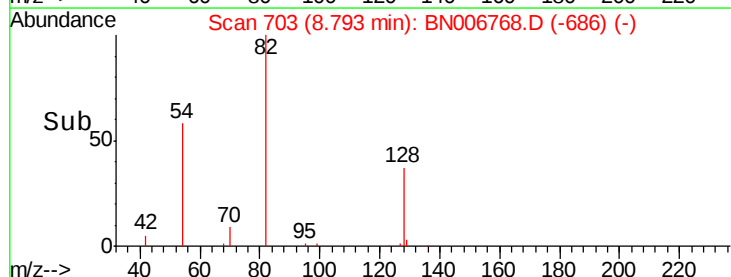
54 64.9 52.2 78.2

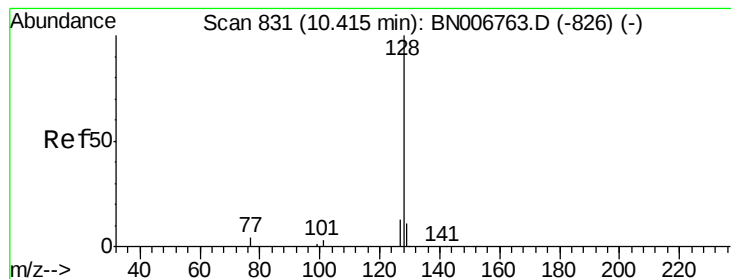


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.384 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

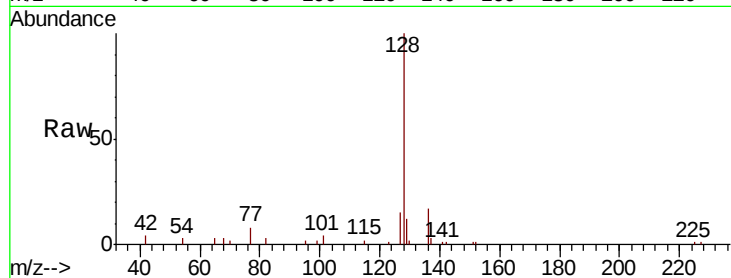
Tot Ion:128 Resp: 11159

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

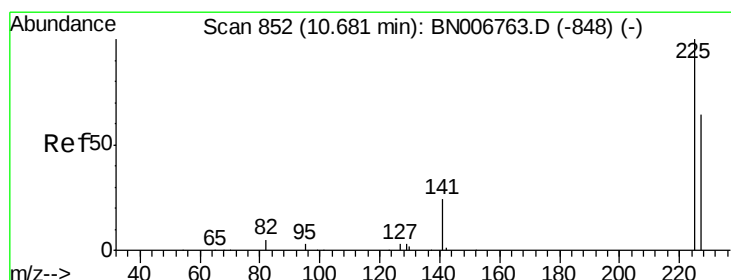
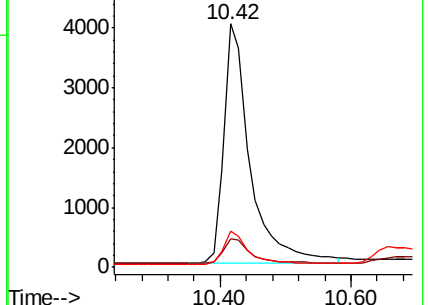
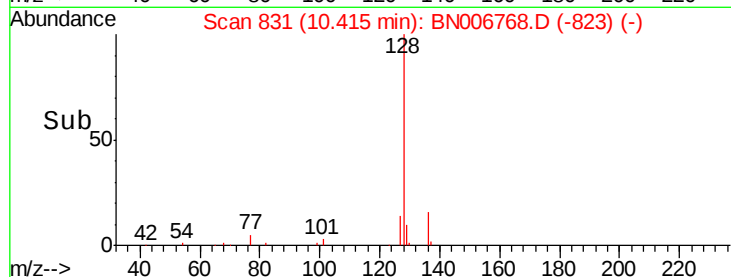
127 14.7 11.0 16.4



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: 0.388 ng

RT: 10.69 min Scan# 853

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

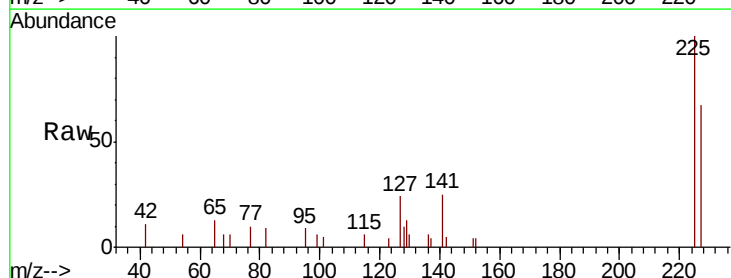
Tgt Ion:225 Resp: 2449

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

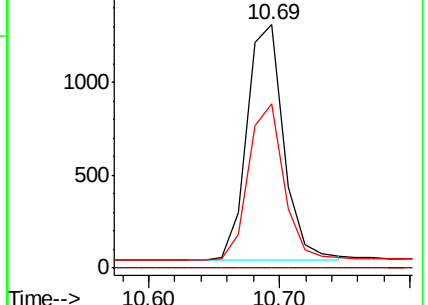
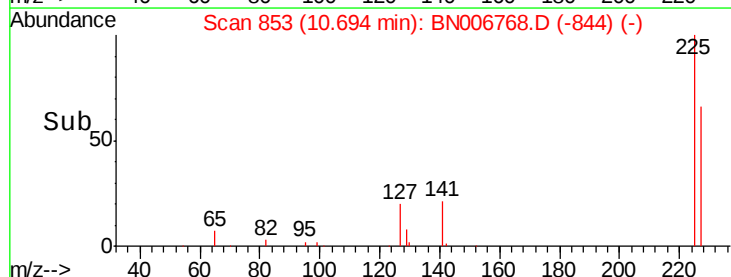
227 64.2 50.9 76.3

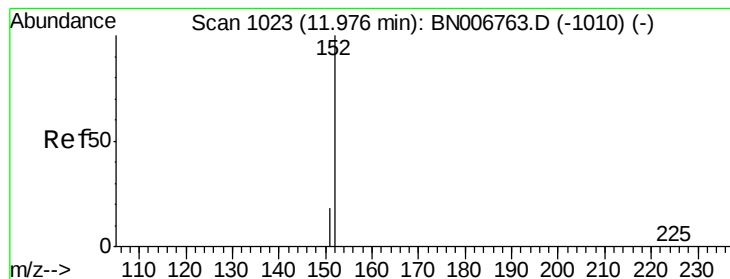


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

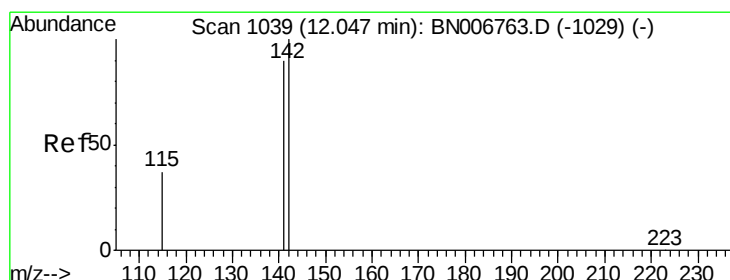
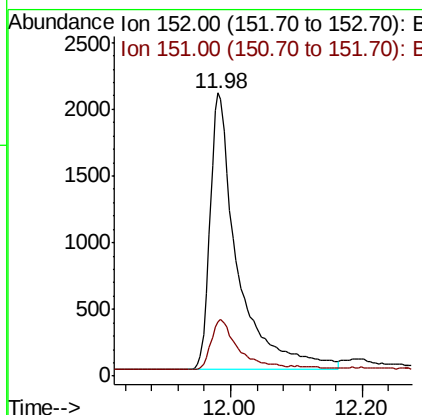
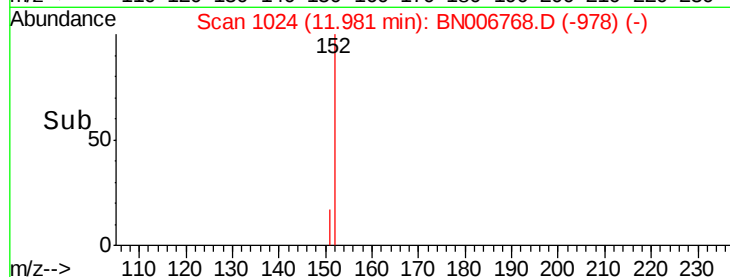
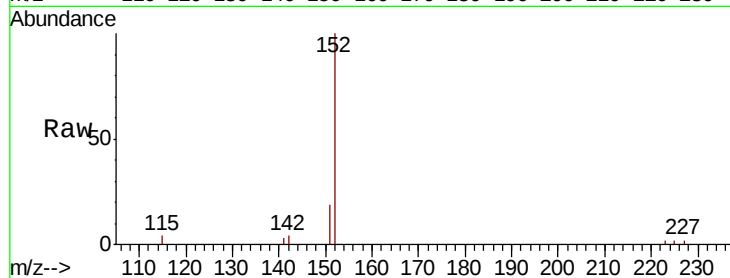




#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 11.98 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BN006768.D
Acq: 09 Jul 2019 15:58

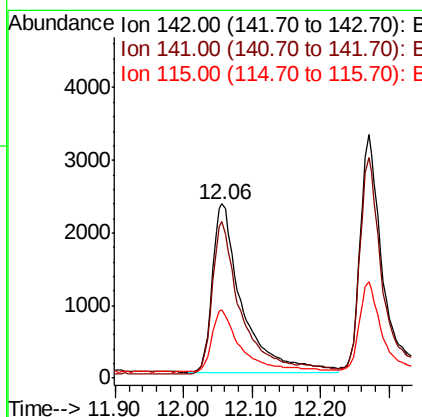
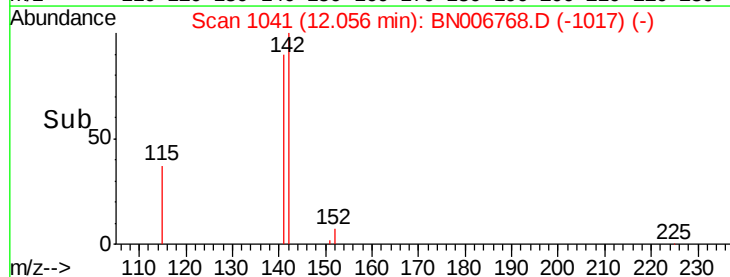
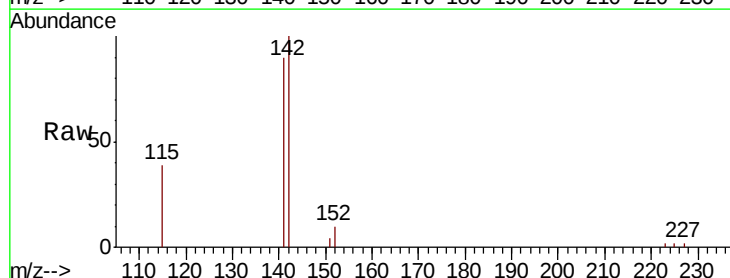
Instrument :
BNA_N
ClientSampleId :
ICVBN070919

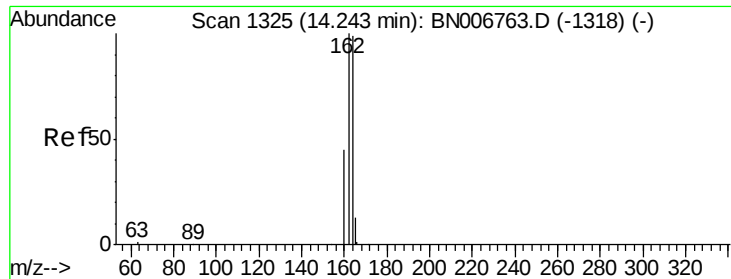
Tot Ion:152 Resp: 5997
Ion Ratio Lower Upper
152 100
151 17.9 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.06 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BN006768.D
Acq: 09 Jul 2019 15:58

Tgt Ion:142 Resp: 7079
Ion Ratio Lower Upper
142 100
141 89.5 71.7 107.5
115 39.0 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

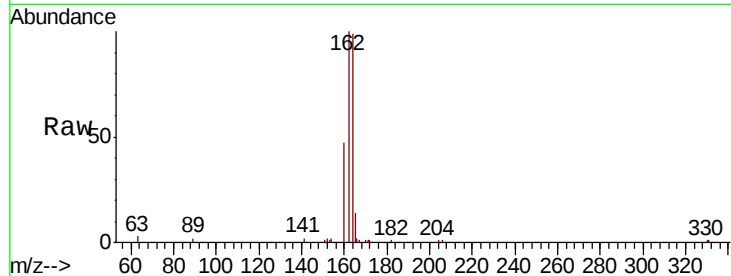
Tot Ion:164 Resp: 6164

Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

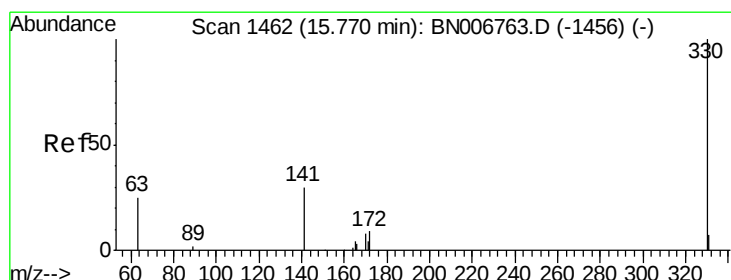
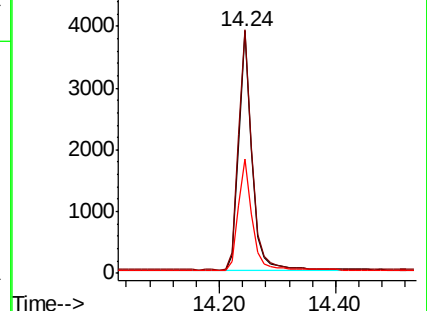
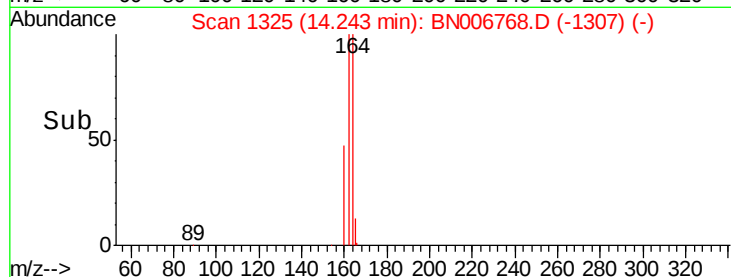
160 47.4 37.4 56.0



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: 0.332 ng

RT: 15.78 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

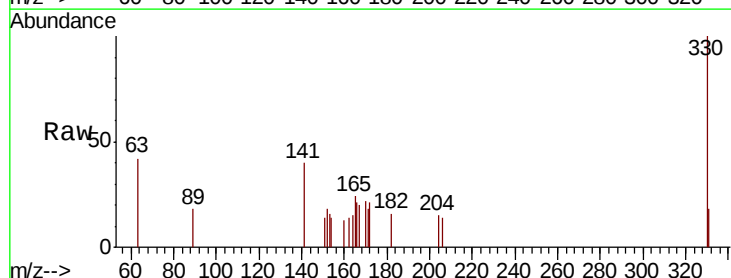
Tgt Ion:330 Resp: 956

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

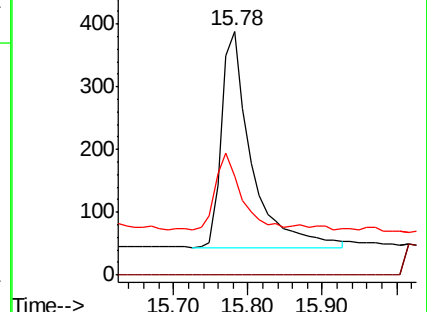
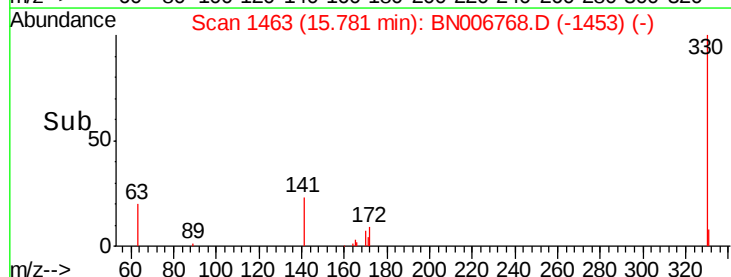
141 31.1 26.6 39.8

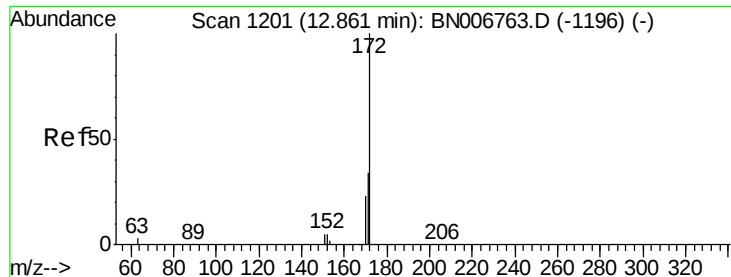


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

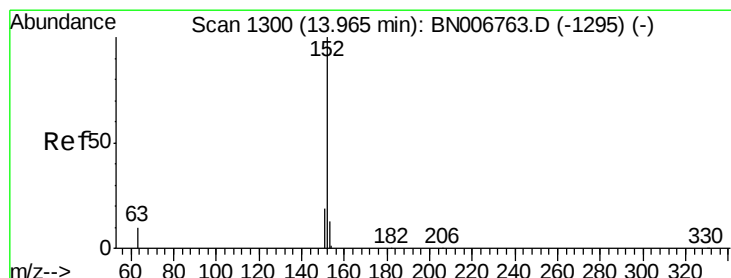
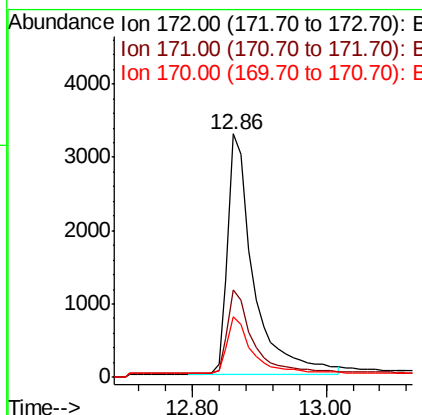
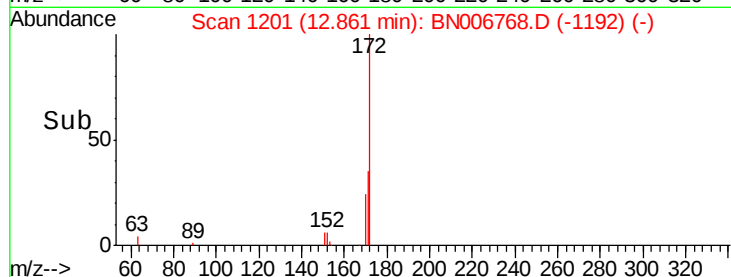
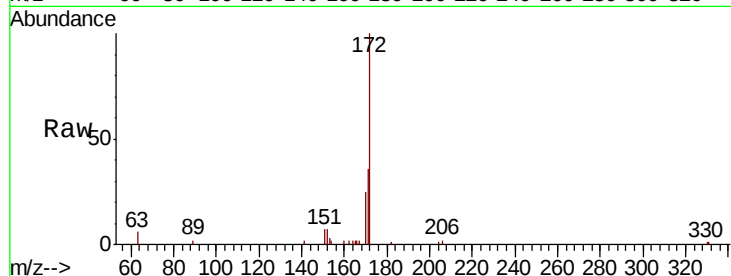




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BN006768.D
Acq: 09 Jul 2019 15:58

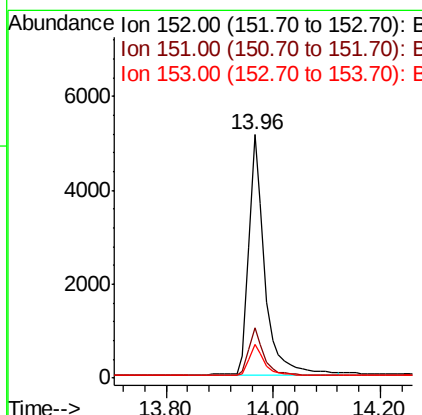
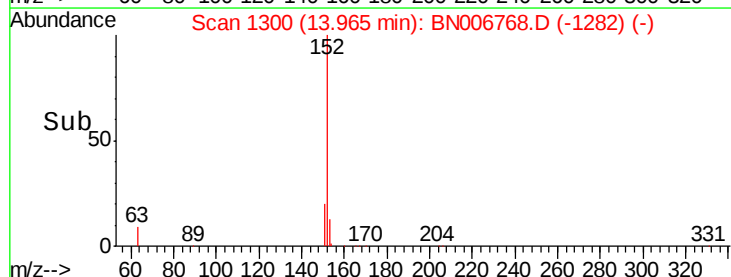
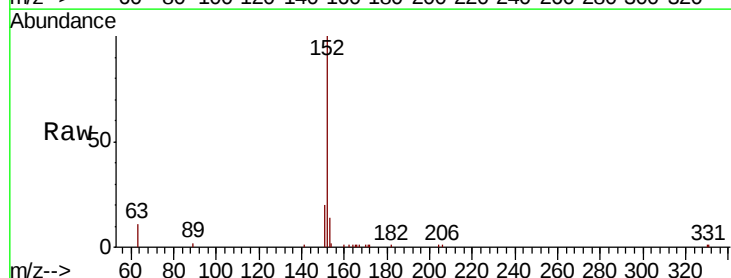
Instrument :
BNA_N
ClientSampleId :
ICVBN070919

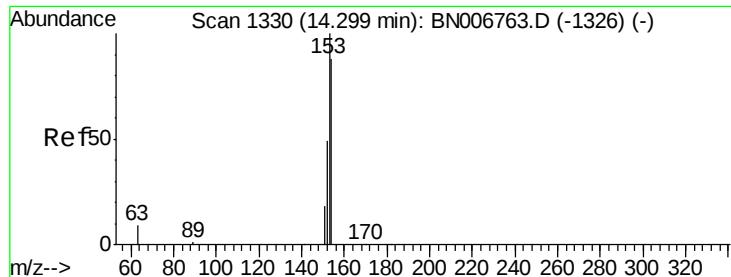
Tot Ion:172 Resp: 8730
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 25.1 19.0 28.6



#16
Acenaphthylene
Concen: 0.369 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BN006768.D
Acq: 09 Jul 2019 15:58

Tgt Ion:152 Resp: 10729
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 12.6 10.5 15.7





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.31 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

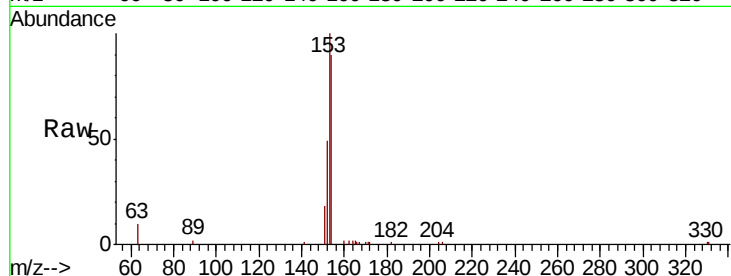
Tot Ion:154 Resp: 7502

Ion Ratio Lower Upper

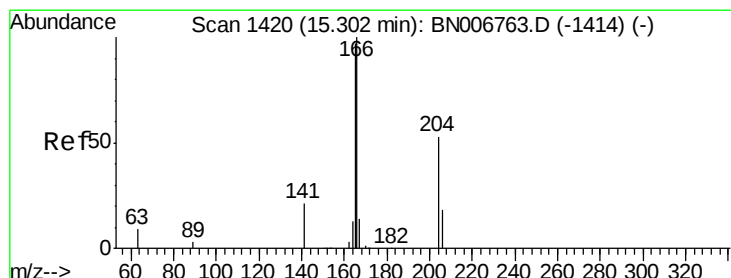
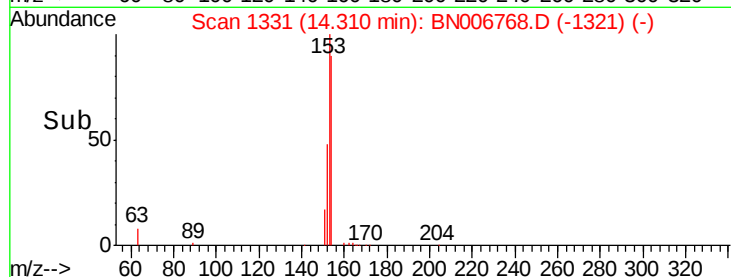
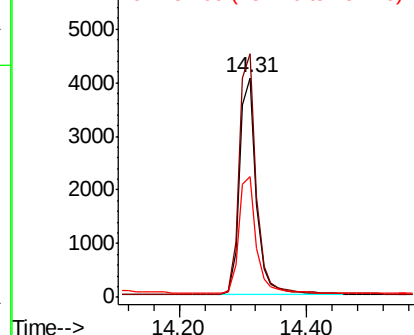
154 100

153 112.6 91.0 136.4

152 55.3 44.5 66.7



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: 0.372 ng

RT: 15.31 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

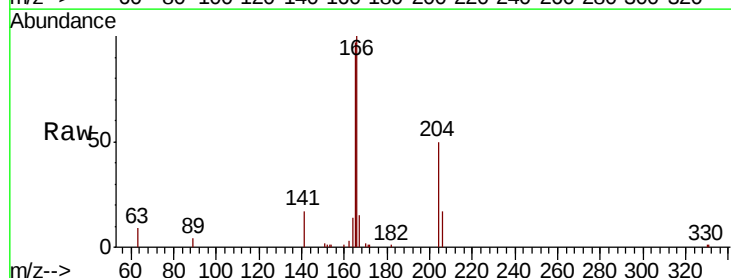
Tgt Ion:166 Resp: 9014

Ion Ratio Lower Upper

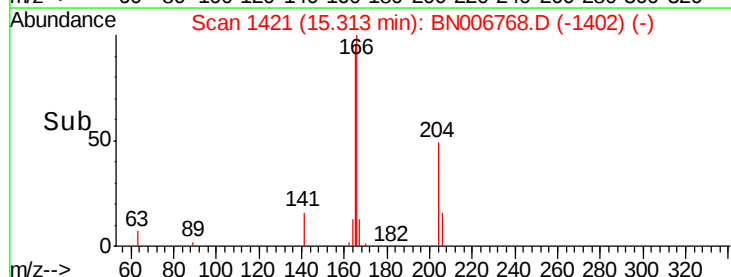
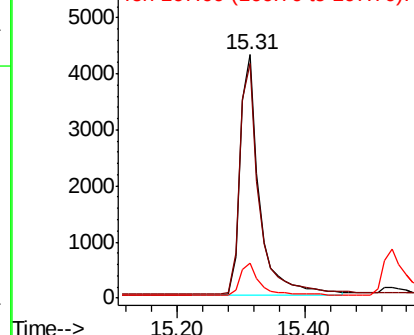
166 100

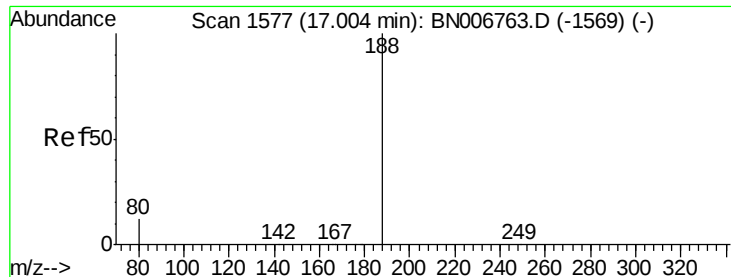
165 97.5 78.2 117.4

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: 17.01 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

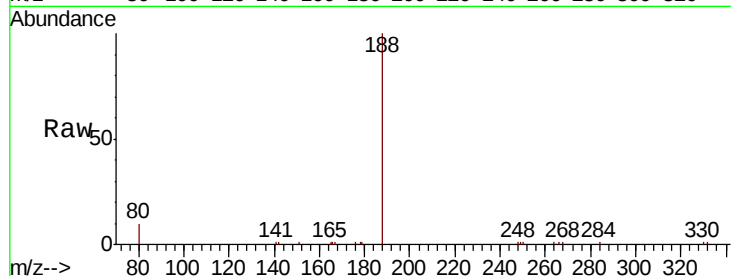
Tot Ion:188 Resp: 14147

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

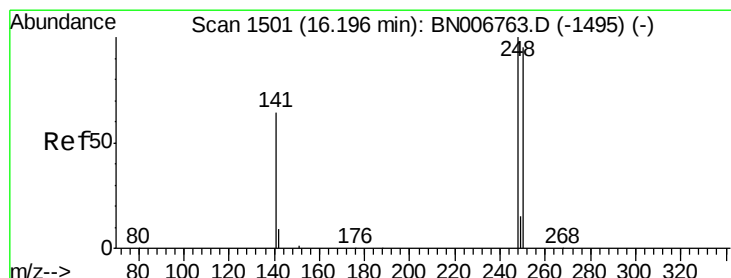
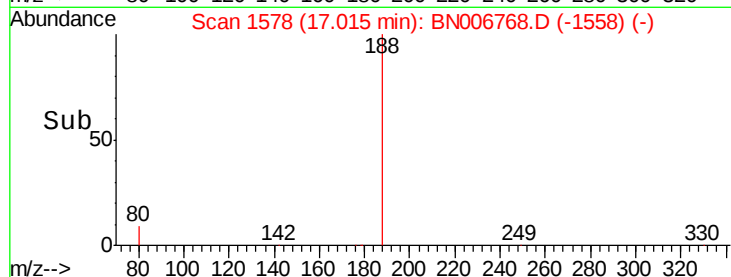
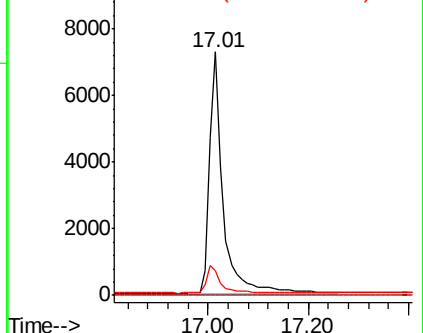
80 10.3 10.1 15.1



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: 0.367 ng

RT: 16.21 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

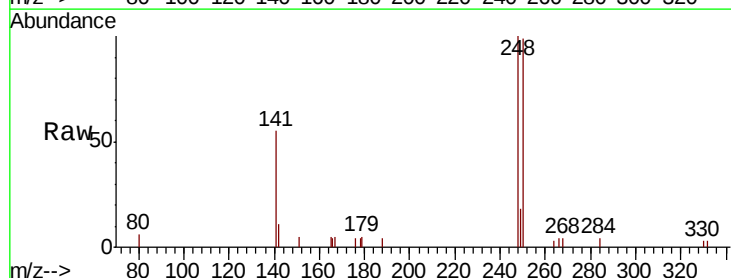
Tgt Ion:248 Resp: 2935

Ion Ratio Lower Upper

248 100

250 99.5 76.5 114.7

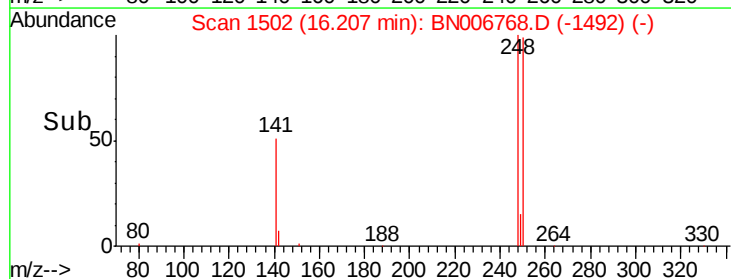
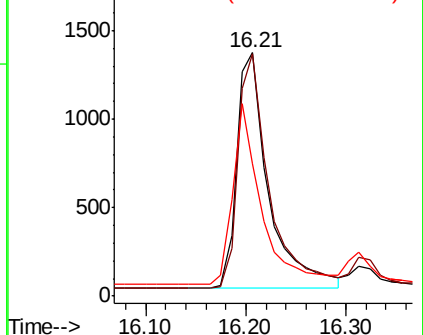
141 54.5 53.2 79.8

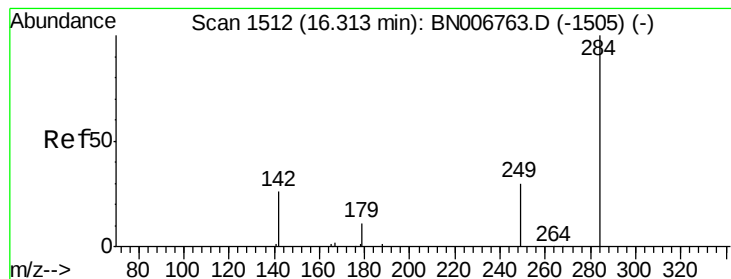


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.386 ng

RT: 16.32 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

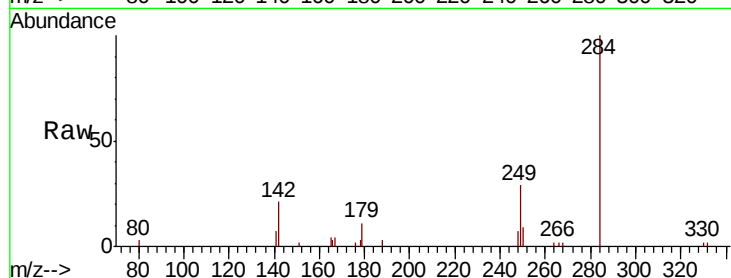
Tot Ion:284 Resp: 4020

Ion Ratio Lower Upper

284 100

142 33.9 27.0 40.4

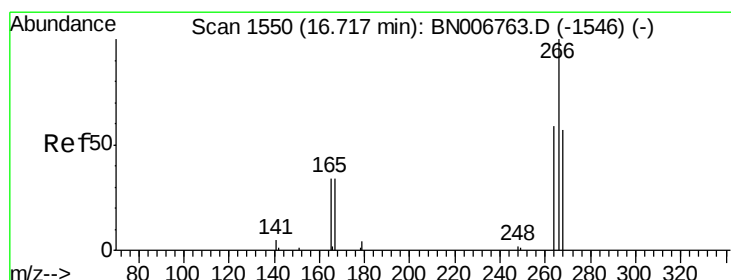
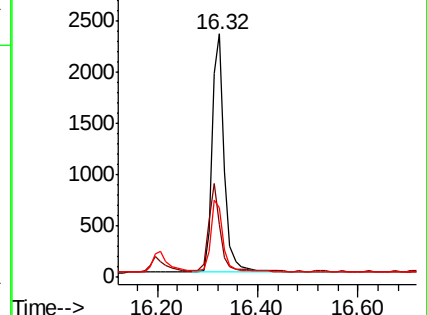
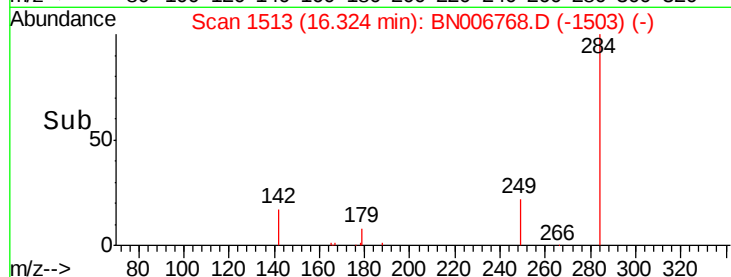
249 29.9 24.3 36.5



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: 0.456 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

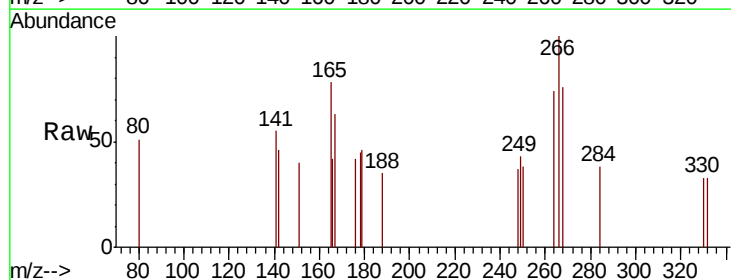
Tgt Ion:266 Resp: 500

Ion Ratio Lower Upper

266 100

264 73.5 56.2 84.4

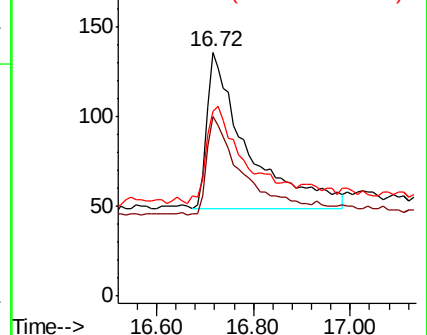
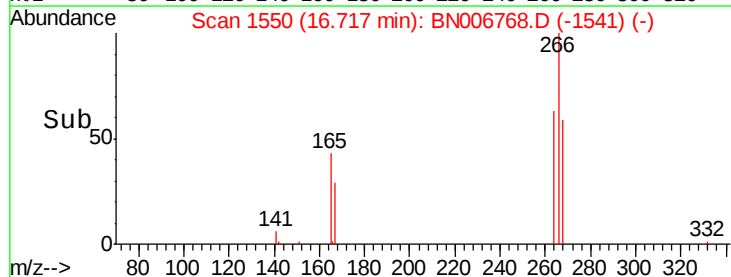
268 75.7 60.2 90.2

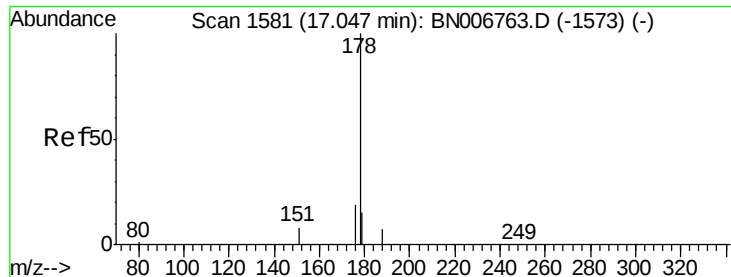


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.374 ng

RT: 17.06 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

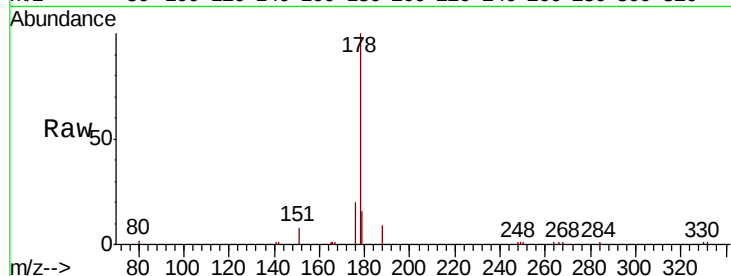
Tot Ion:178 Resp: 14669

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.6 12.2 18.2

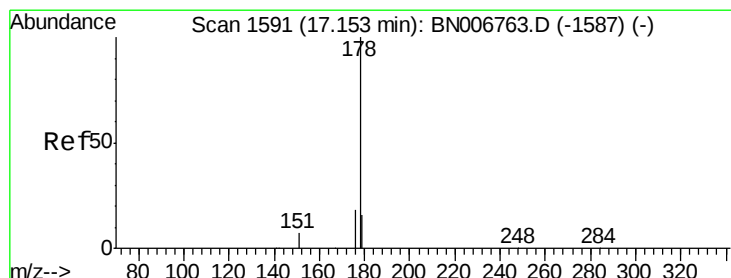
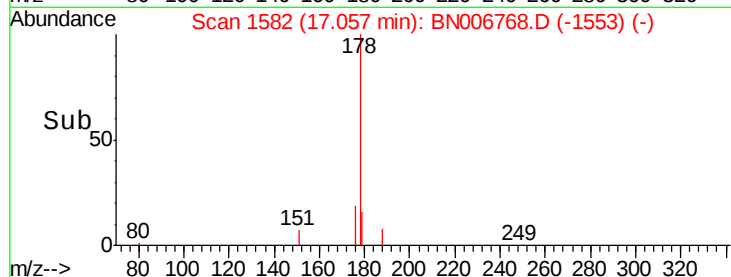
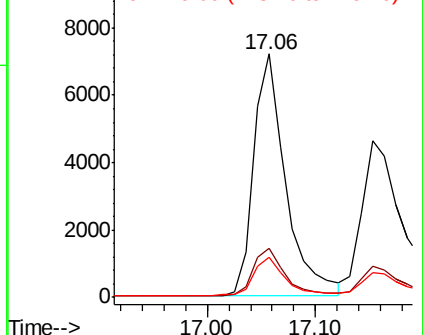


Abundance

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: 0.354 ng

RT: 17.15 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

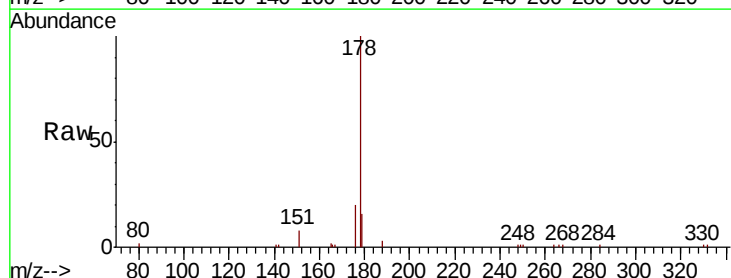
Tgt Ion:178 Resp: 12028

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.0 12.5 18.7

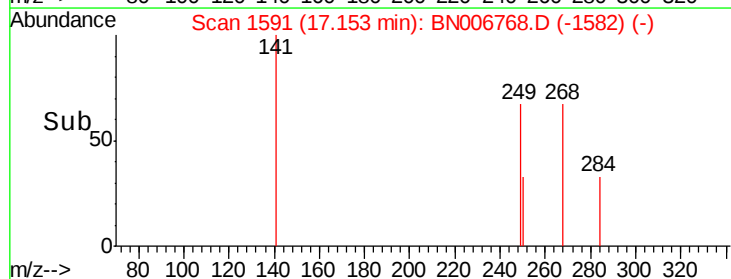
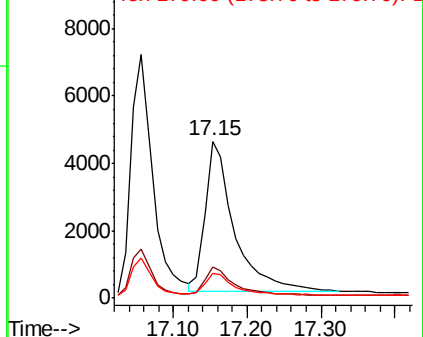


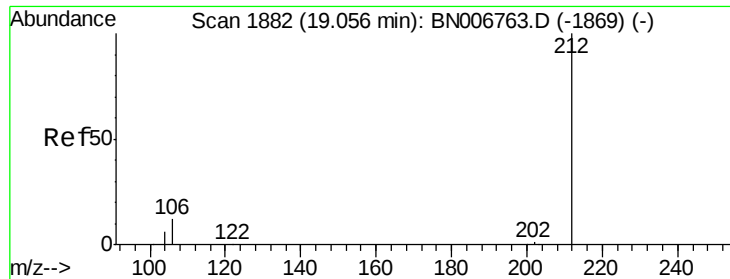
Abundance

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

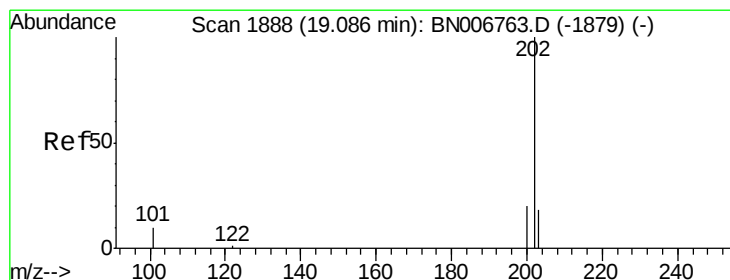
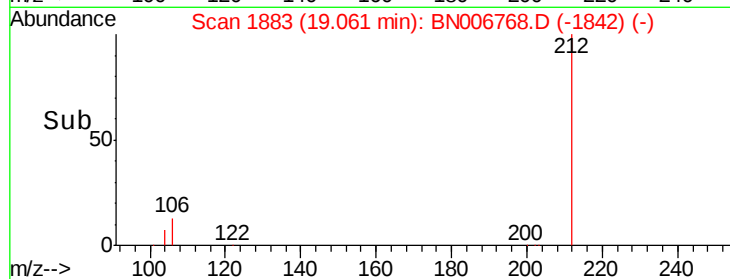
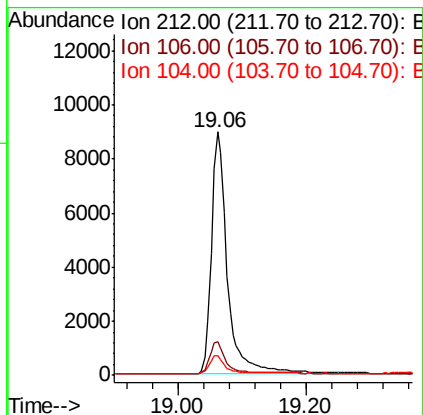
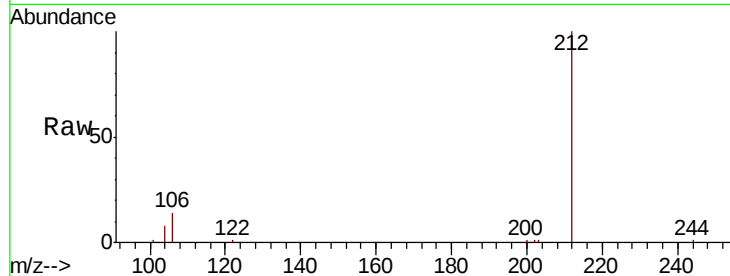




#25
 Fluoranthene-d10
 Concen: 0.367 ng
 RT: 19.06 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BN006768.D
 Acq: 09 Jul 2019 15:58

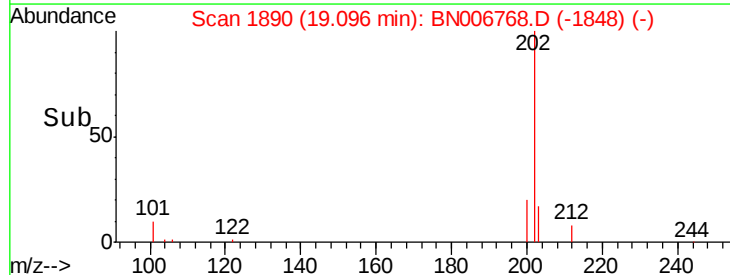
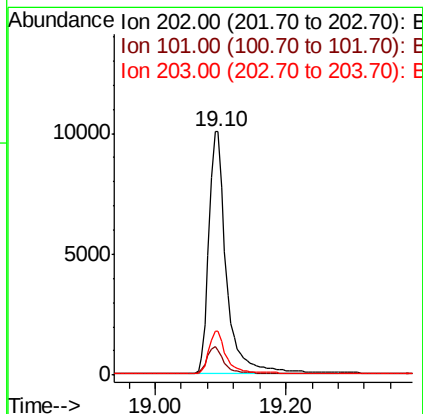
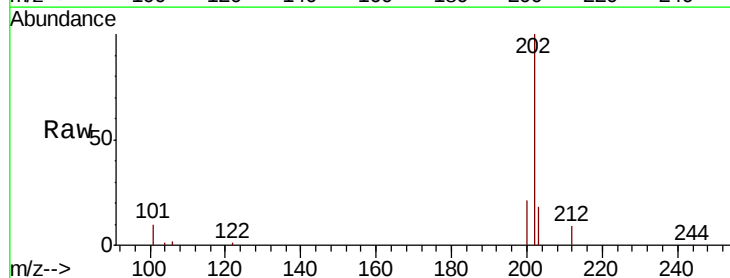
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN070919

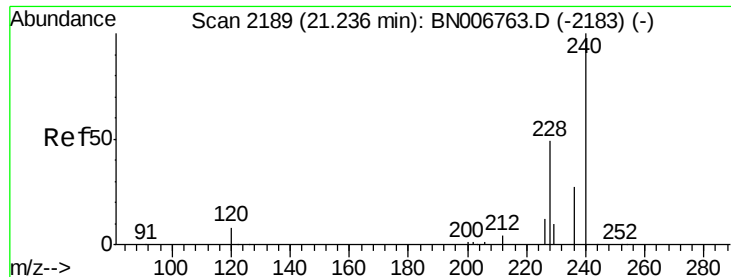
Tot Ion:212 Resp: 15689
 Ion Ratio Lower Upper
 212 100
 106 13.1 10.5 15.7
 104 7.1 5.9 8.9



#26
 Fluoranthene
 Concen: 0.378 ng
 RT: 19.10 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: BN006768.D
 Acq: 09 Jul 2019 15:58

Tgt Ion:202 Resp: 18615
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.8 13.2
 203 17.2 13.6 20.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2191

Delta R.T. 0.02 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

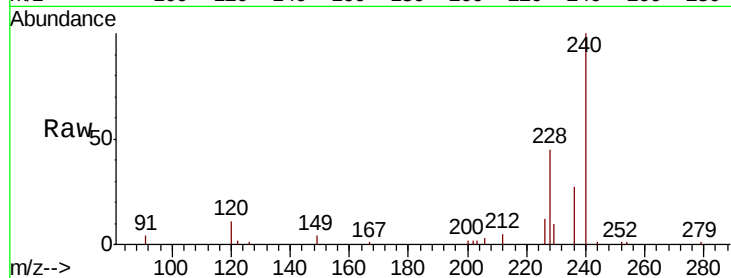
Tot Ion:240 Resp: 13866

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

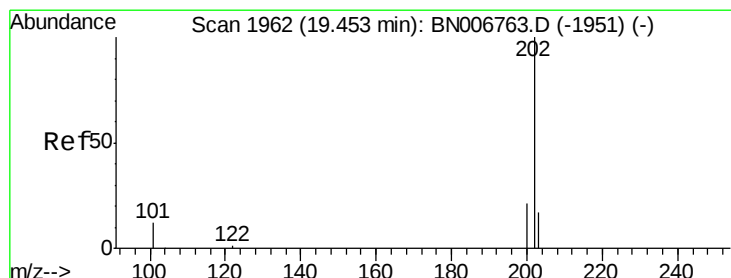
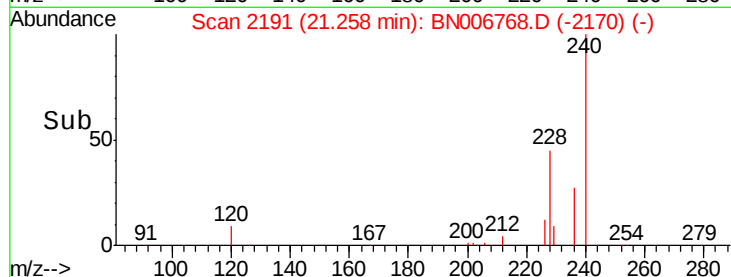
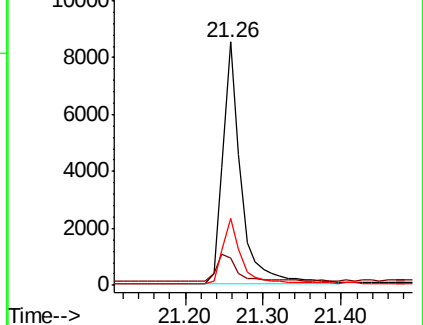
236 27.4 21.8 32.6



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: 0.396 ng

RT: 19.46 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

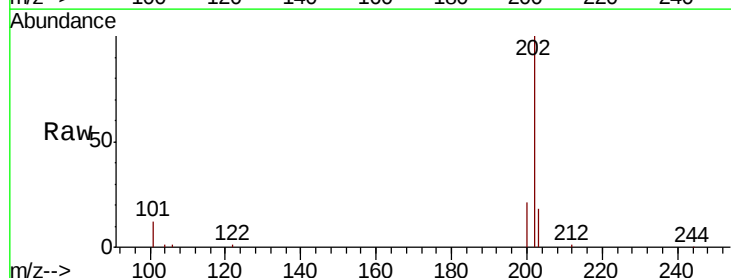
Tgt Ion:202 Resp: 19083

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

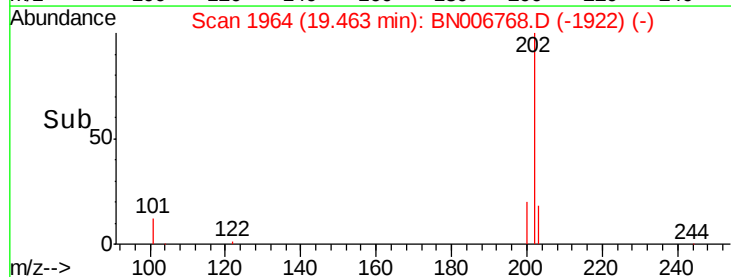
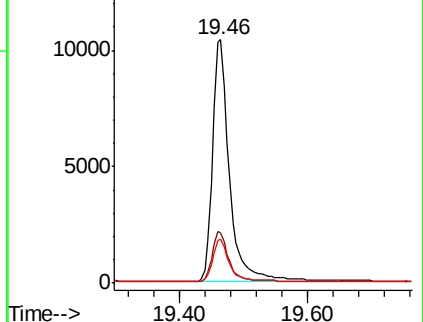
203 17.2 14.0 21.0

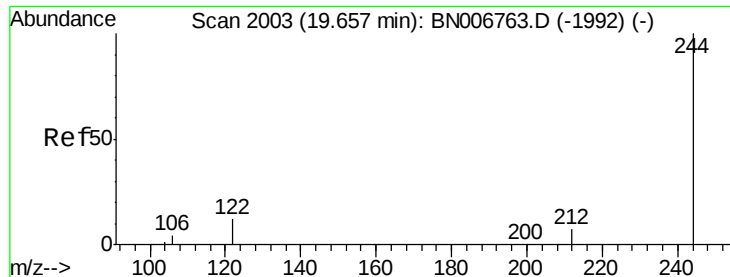


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.393 ng

RT: 19.67 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

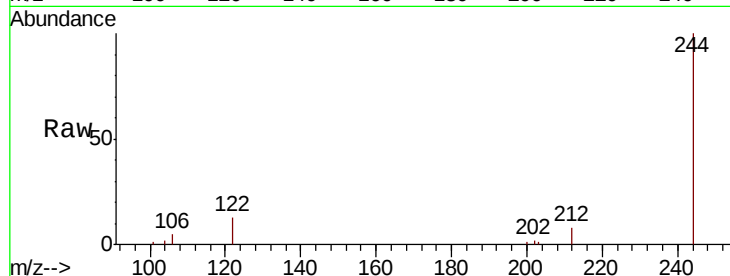
Tot Ion:244 Resp: 11998

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

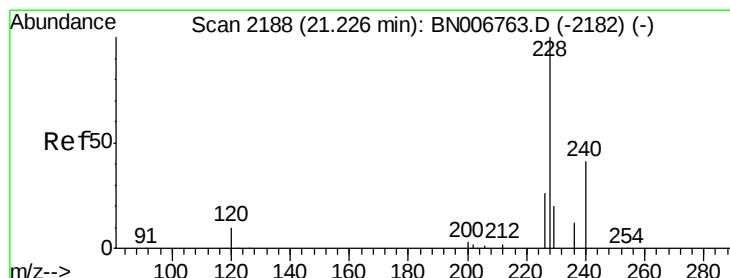
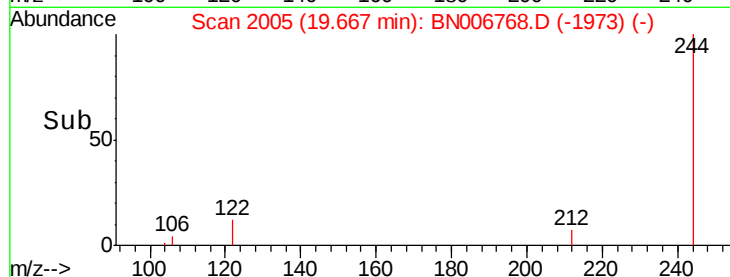
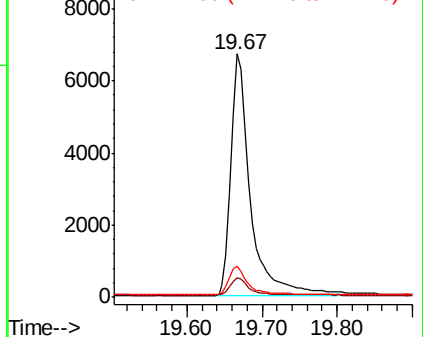
122 13.0 10.3 15.5



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: 0.362 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.02 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

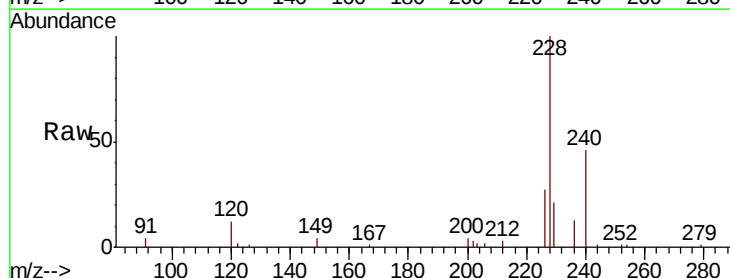
Tgt Ion:228 Resp: 15459

Ion Ratio Lower Upper

228 100

226 26.9 21.2 31.8

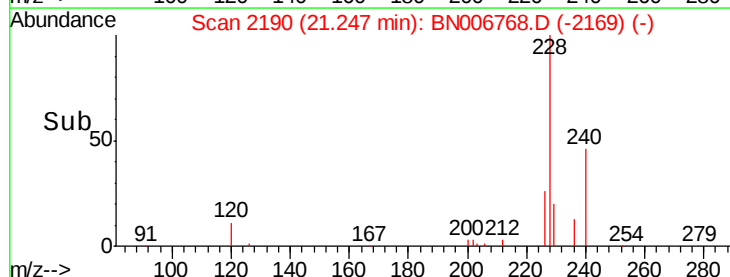
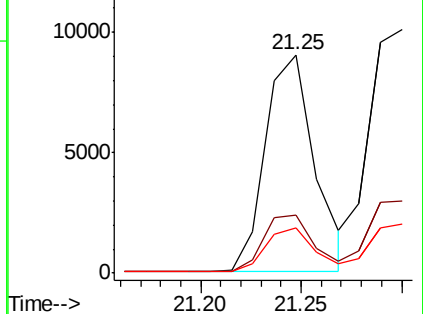
229 20.5 16.4 24.6

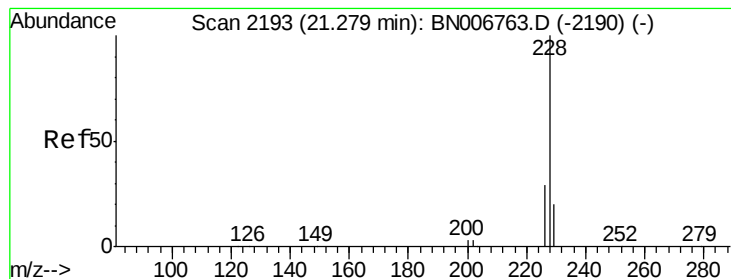


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.02 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

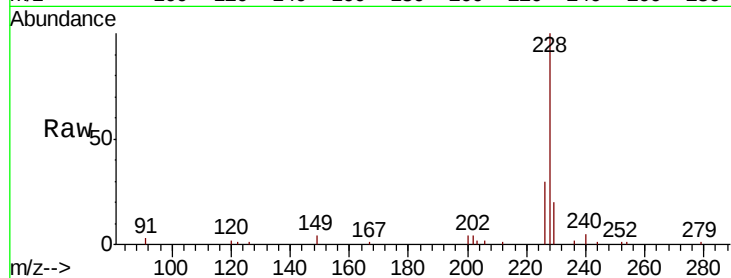
Tot Ion:228 Resp: 19348

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

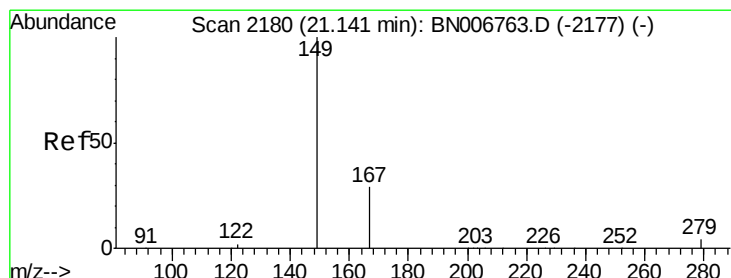
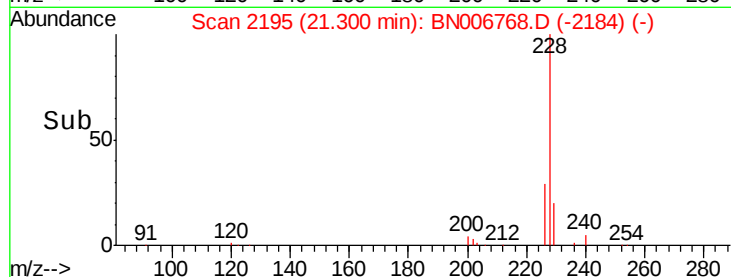
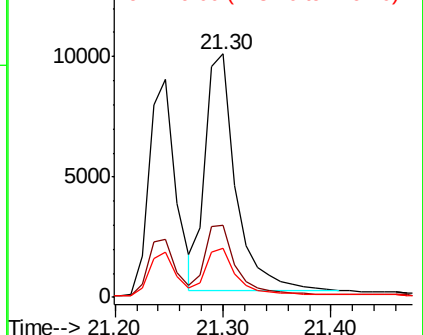
229 20.0 16.0 24.0



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: 0.332 ng

RT: 21.16 min Scan# 2182

Delta R.T. 0.02 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

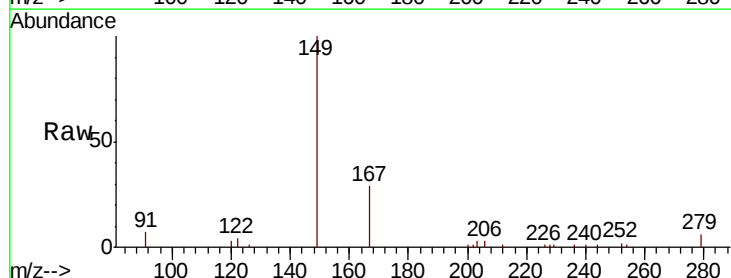
Tgt Ion:149 Resp: 6611

Ion Ratio Lower Upper

149 100

167 28.2 22.9 34.3

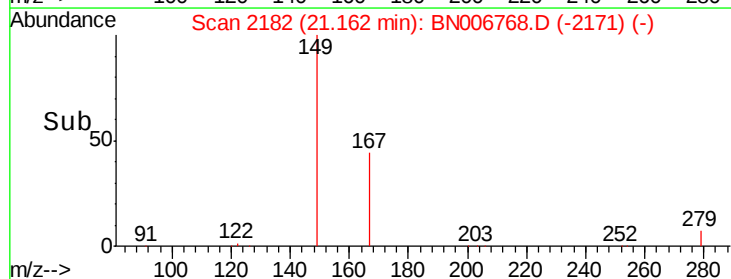
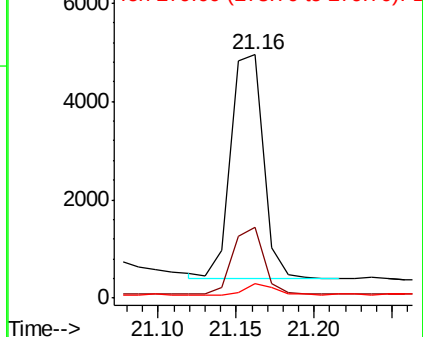
279 4.4 3.7 5.5

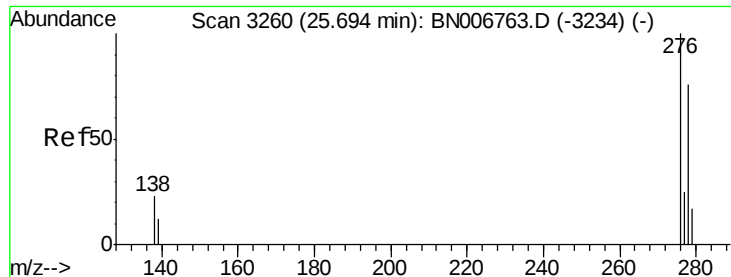


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

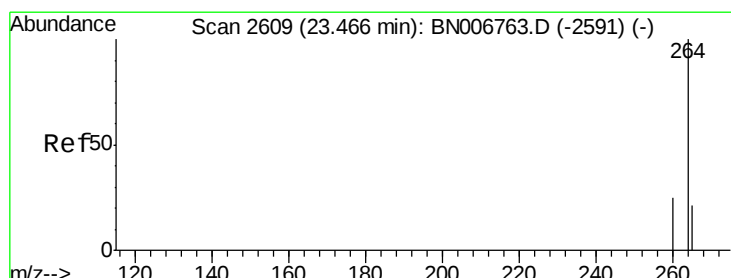
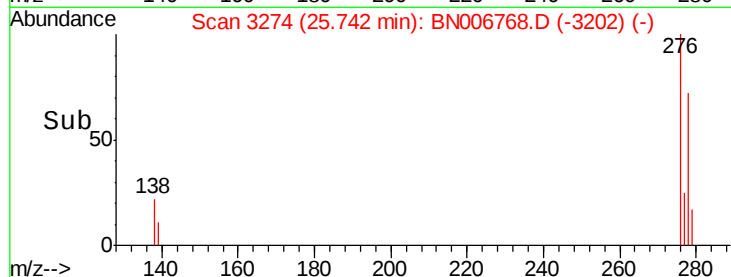
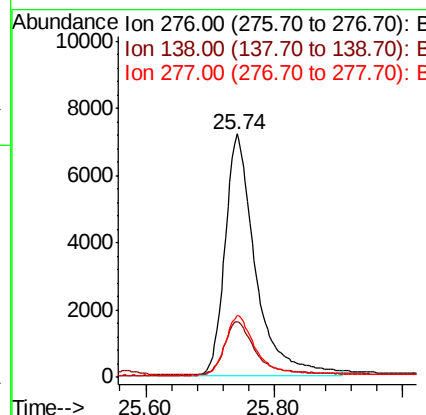
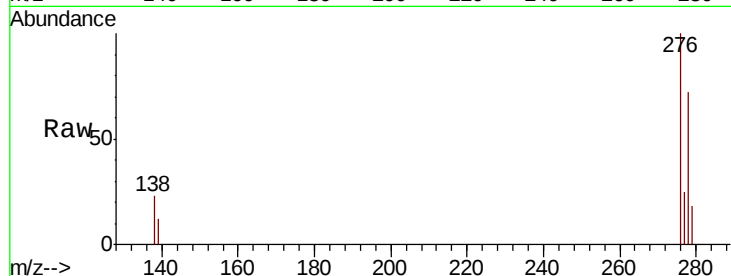




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng
RT: 25.74 min Scan# 3274
Delta R.T. 0.05 min
Lab File: BN006768.D
Acq: 09 Jul 2019 15:58

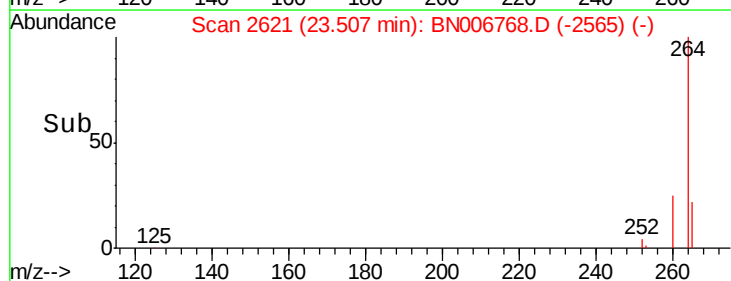
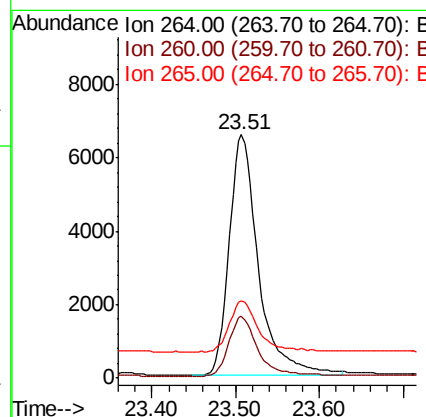
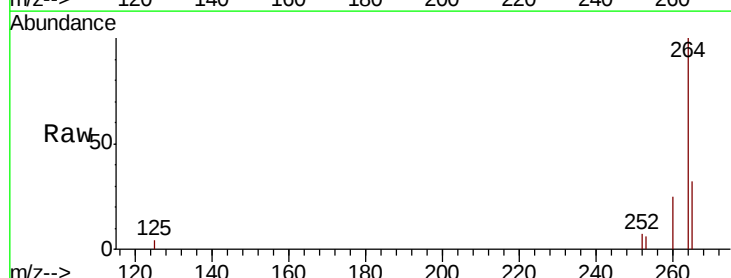
Instrument :
BNA_N
ClientSampleId :
ICVBN070919

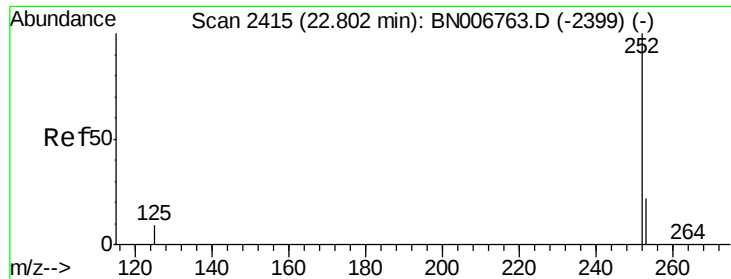
Tot Ion:276 Resp: 23673
Ion Ratio Lower Upper
276 100
138 22.6 18.1 27.1
277 24.9 20.0 30.0



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2621
Delta R.T. 0.04 min
Lab File: BN006768.D
Acq: 09 Jul 2019 15:58

Tgt Ion:264 Resp: 15967
Ion Ratio Lower Upper
264 100
260 25.3 20.2 30.4
265 31.9 24.6 37.0





#35

Benzo(b)fluoranthene

Concen: 0.384 ng

RT: 22.84 min Scan# 2425

Delta R.T. 0.03 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

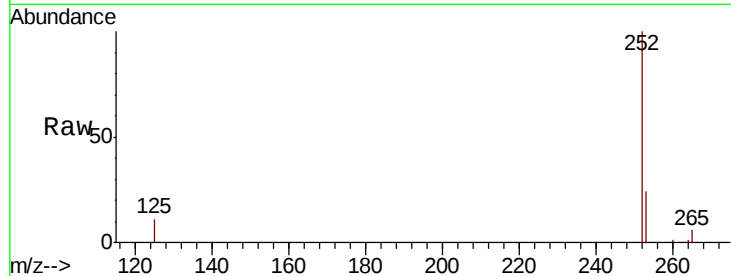
Tot Ion:252 Resp: 19251

Ion Ratio Lower Upper

252 100

253 24.3 18.9 28.3

125 10.9 8.5 12.7

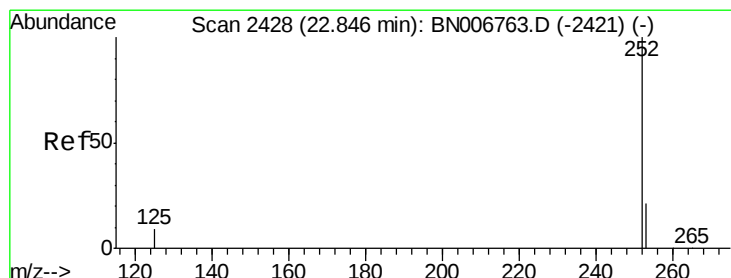
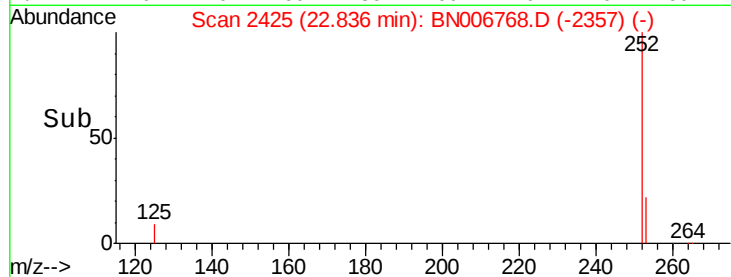
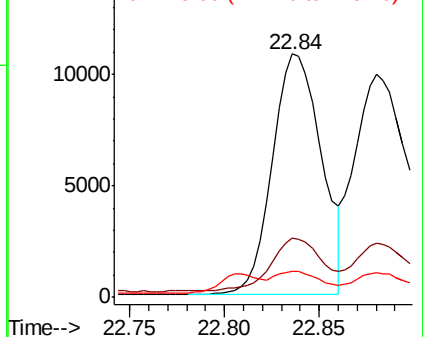


Abundance

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: 0.406 ng

RT: 22.88 min Scan# 2438

Delta R.T. 0.03 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

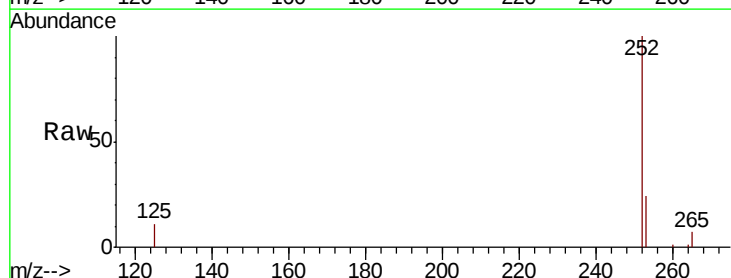
Tgt Ion:252 Resp: 22869

Ion Ratio Lower Upper

252 100

253 24.4 18.9 28.3

125 11.0 8.4 12.6

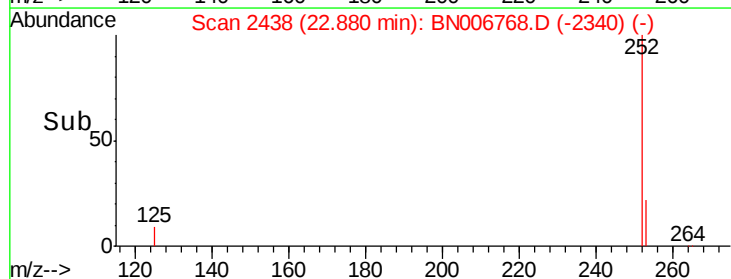
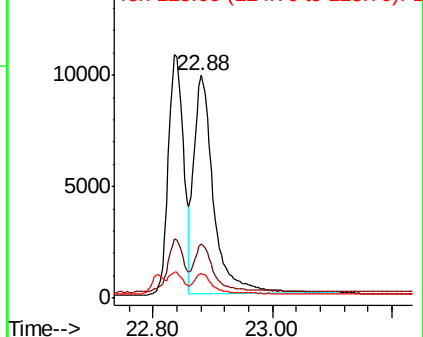


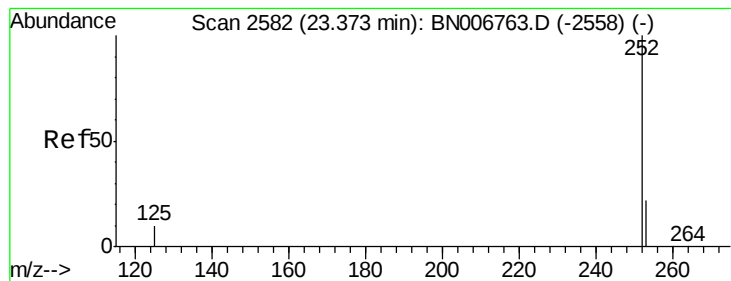
Abundance

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: 0.395 ng

RT: 23.41 min Scan# 2593

Delta R.T. 0.04 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

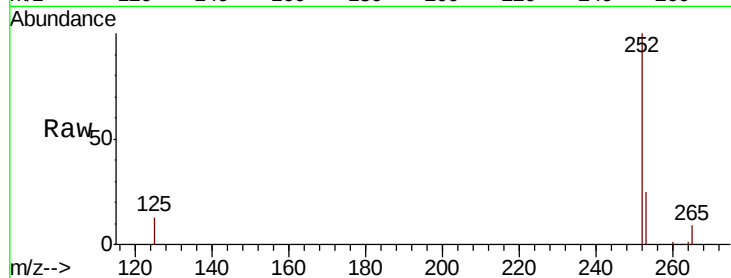
Tot Ion:252 Resp: 19234

Ion Ratio Lower Upper

252 100

253 24.9 19.5 29.3

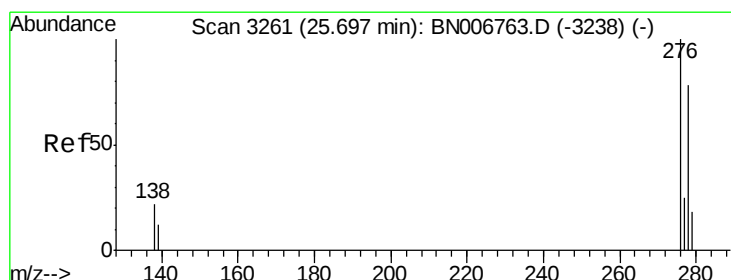
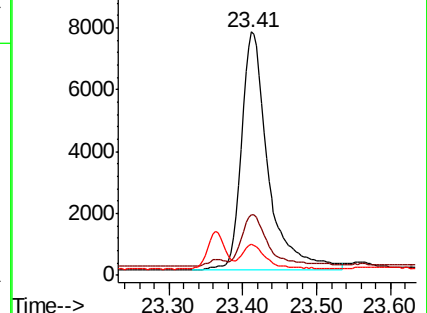
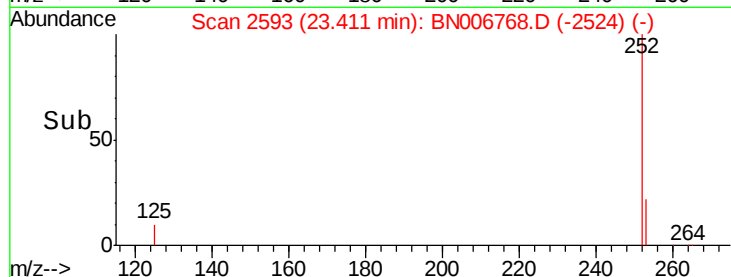
125 12.6 9.5 14.3



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: 0.387 ng

RT: 25.75 min Scan# 3275

Delta R.T. 0.05 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

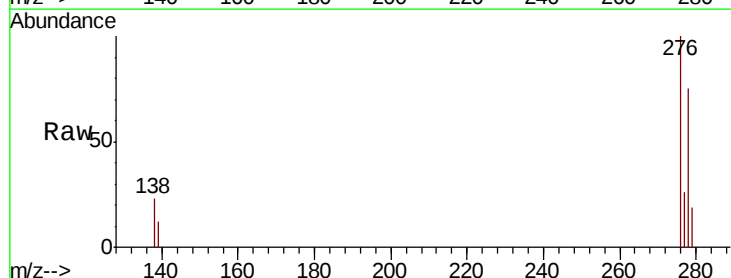
Tgt Ion:278 Resp: 18986

Ion Ratio Lower Upper

278 100

139 16.5 13.1 19.7

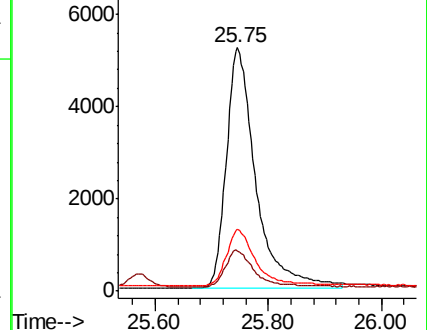
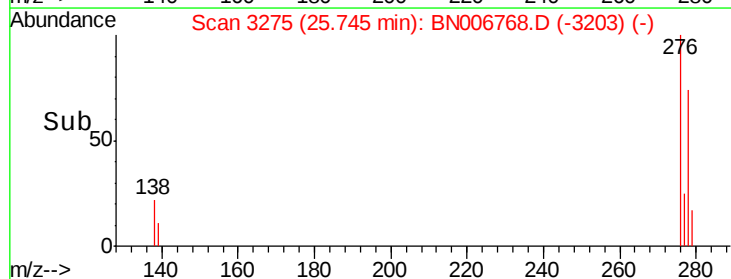
279 25.4 20.2 30.4

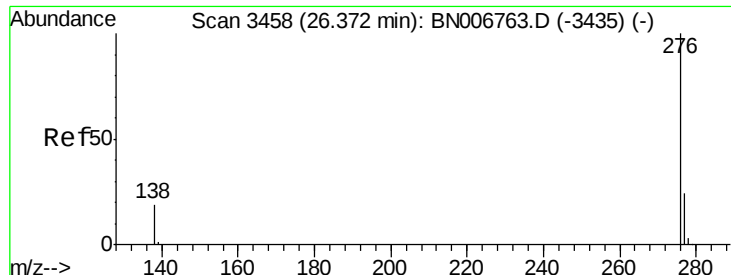


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.392 ng

RT: 26.43 min Scan# 3474

Delta R.T. 0.05 min

Lab File: BN006768.D

Acq: 09 Jul 2019 15:58

Instrument :

BNA_N

ClientSampleId :

ICVBN070919

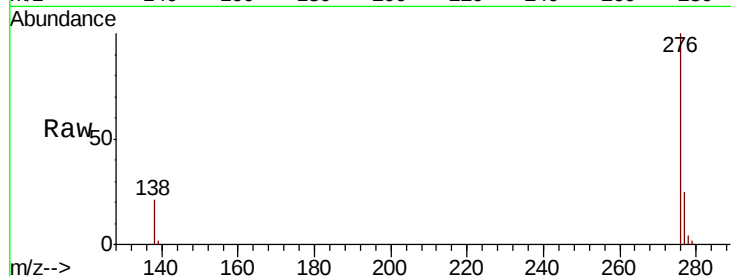
Tot Ion: 276 Resp: 20135

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.2

138 20.6 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

