

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010263.D
 Acq On : 18 Mar 2020 13:02
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 18 15:23:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4311	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	15154	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	9231	0.40	ng	-0.02
19) Phenanthrene-d10	16.98	188	21865	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	21784	0.40	ng	0.00
34) Perylene-d12	23.36	264	24292	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	3400	0.34	ng	0.00
5) Phenol-d6	6.81	99	4381	0.35	ng	0.00
8) Nitrobenzene-d5	8.76	82	3642	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	9575	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	1223	0.37	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	14313	0.44	ng	0.00
25) Fluoranthene-d10	19.02	212	24826	0.37	ng	-0.01
29) Terphenyl-d14	19.63	244	19816	0.40	ng	-0.02

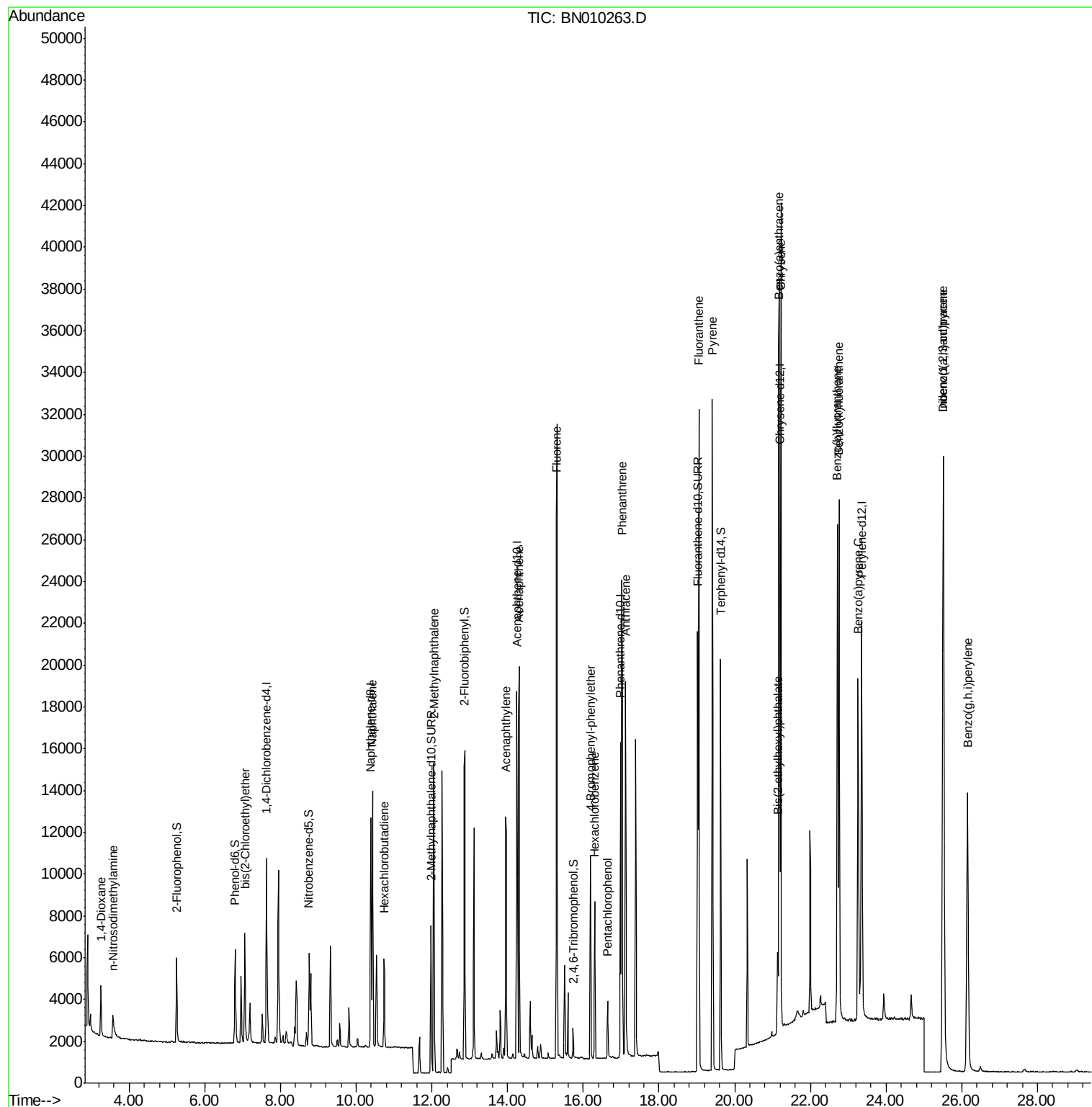
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1639	0.390	ng	# 53
3) n-Nitrosodimethylamine	3.57	42	1226	0.329	ng	# 33
6) bis(2-Chloroethyl)ether	7.06	93	4187	0.397	ng	96
9) Naphthalene	10.43	128	15238	0.401	ng	96
10) Hexachlorobutadiene	10.73	225	3711	0.425	ng	# 97
12) 2-Methylnaphthalene	12.05	142	10459	0.384	ng	96
16) Acenaphthylene	13.95	152	14171	0.333	ng	100
17) Acenaphthene	14.31	154	10380	0.402	ng	96
18) Fluorene	15.29	166	13430	0.381	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	5222	0.416	ng	97
21) Hexachlorobenzene	16.30	284	5496	0.448	ng	98
22) Pentachlorophenol	16.64	266	1417	0.374	ng	89
23) Phenanthrene	17.02	178	23465	0.405	ng	99
24) Anthracene	17.12	178	19585	0.339	ng	100
26) Fluoranthene	19.05	202	28458	0.387	ng	99
28) Pyrene	19.41	202	28275	0.389	ng	99
30) Benzo(a)anthracene	21.17	228	26992	0.364	ng	98
31) Chrysene	21.22	228	30037	0.412	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	6745	0.214	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.51	276	35768	0.413	ng	99
35) Benzo(b)fluoranthene	22.71	252	28953	0.388	ng	99
36) Benzo(k)fluoranthene	22.75	252	31529	0.418	ng	99
37) Benzo(a)pyrene	23.26	252	25252	0.358	ng	99
38) Dibenzo(a,h)anthracene	25.52	278	29468	0.417	ng	99
39) Benzo(g,h,i)perylene	26.15	276	28001	0.397	ng	97

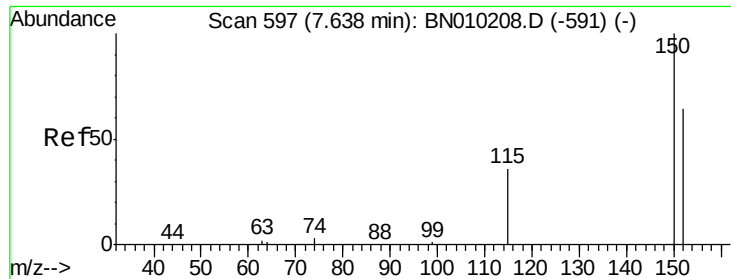
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010263.D
Acq On : 18 Mar 2020 13:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 18 15:23:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampled :

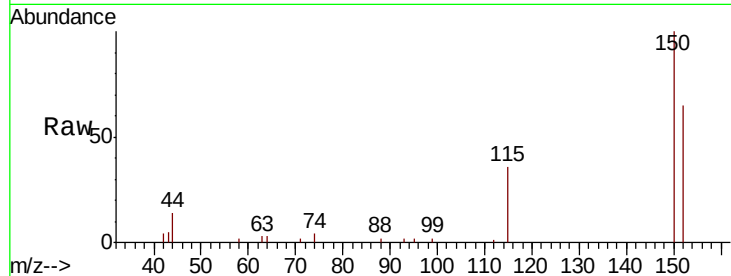
Tot Ion:152 Resp: 4311

Ion Ratio Lower Upper

152 100

150 152.8 119.5 179.3

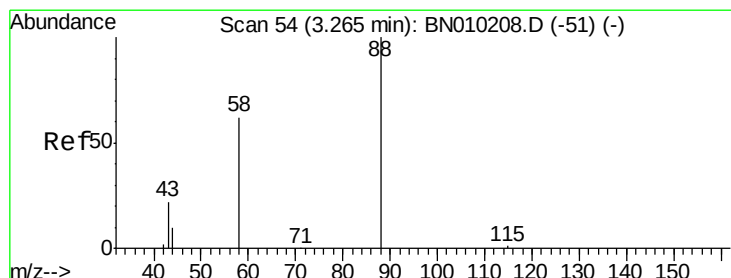
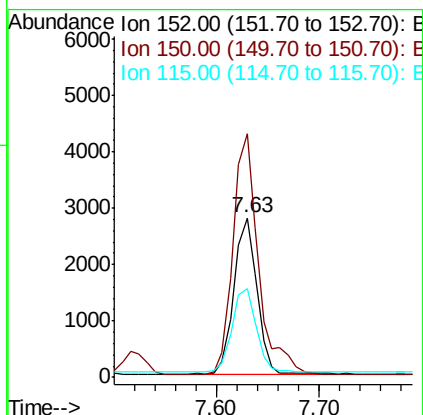
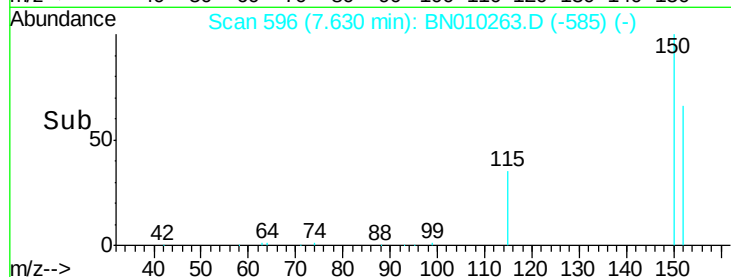
115 55.7 50.9 76.3



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: 0.390 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

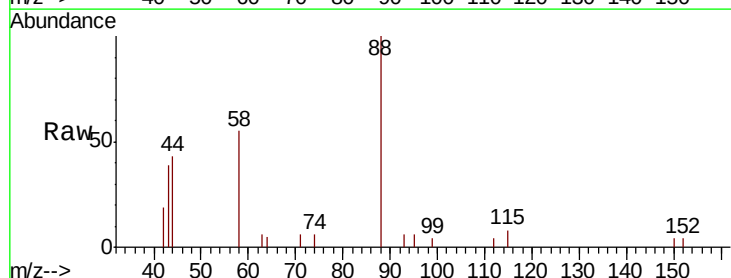
Tgt Ion: 88 Resp: 1639

Ion Ratio Lower Upper

88 100

58 65.4 97.8 146.8#

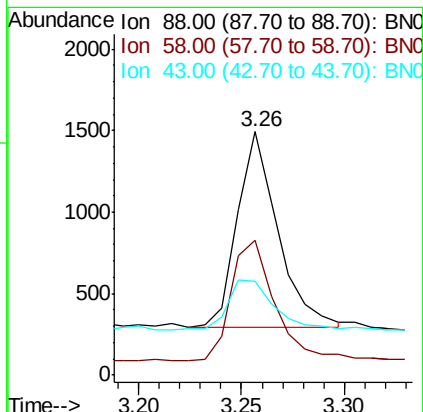
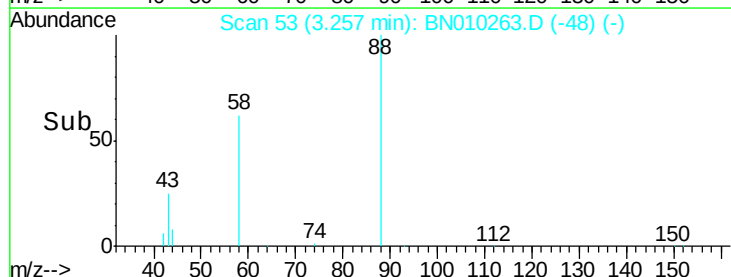
43 27.5 45.1 67.7#

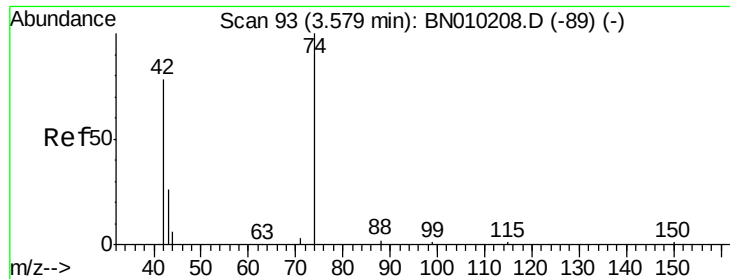


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.329 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

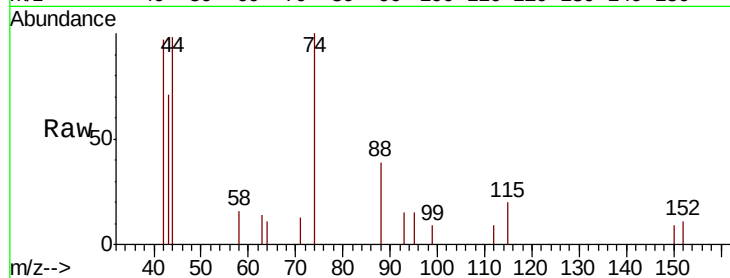
Tot Ion: 42 Resp: 1226

Ion Ratio Lower Upper

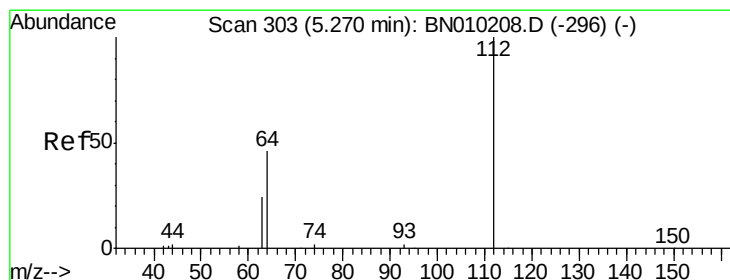
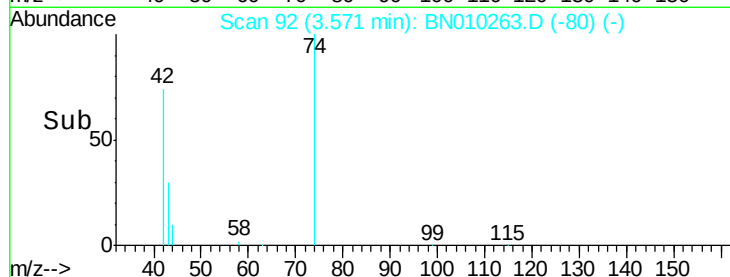
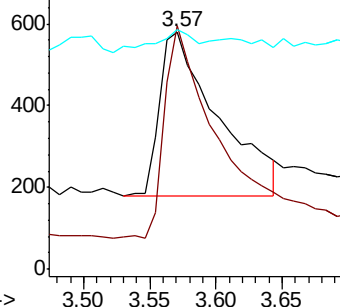
42 100

74 118.4 51.2 76.8#

44 9.0 2.6 4.0#



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: 0.336 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

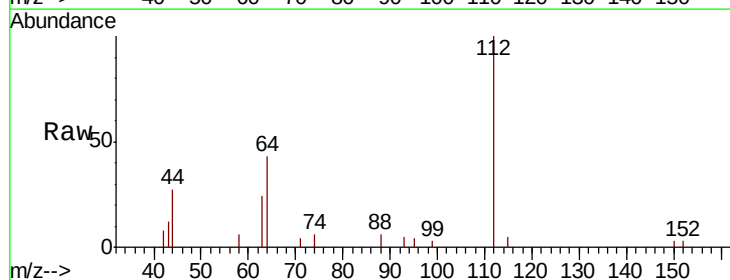
Tgt Ion: 112 Resp: 3400

Ion Ratio Lower Upper

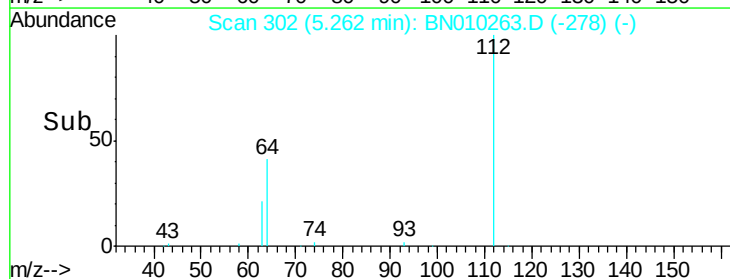
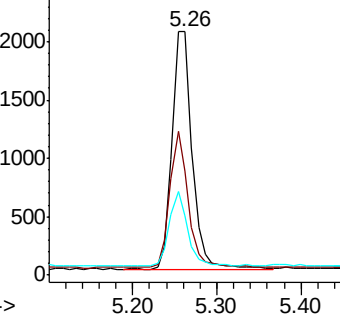
112 100

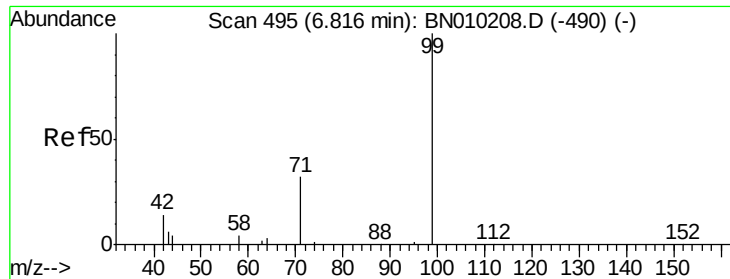
64 52.4 42.6 63.8

63 27.6 23.6 35.4



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: 0.347 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

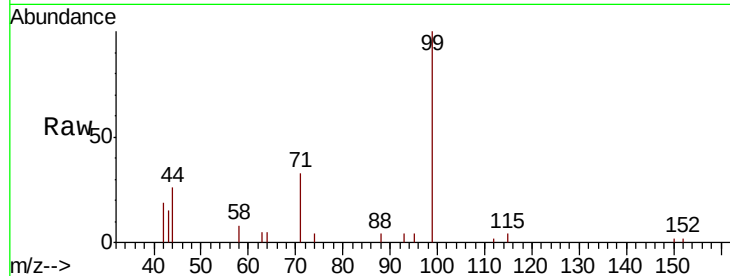
Tot Ion: 99 Resp: 4381

Ion Ratio Lower Upper

99 100

42 19.3 12.0 18.0#

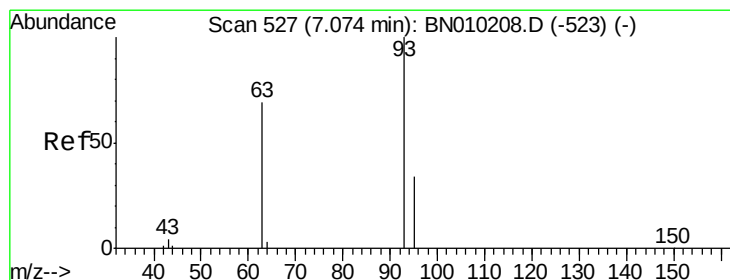
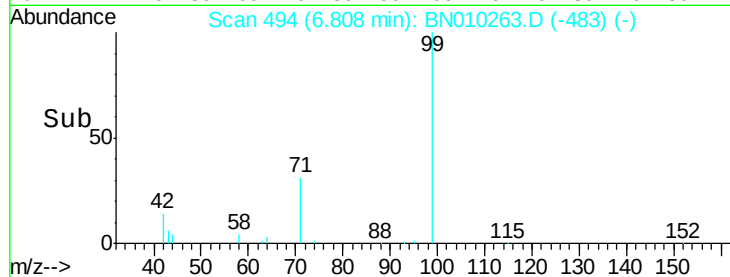
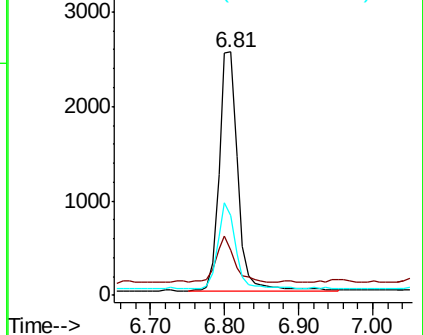
71 34.6 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.397 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.02 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

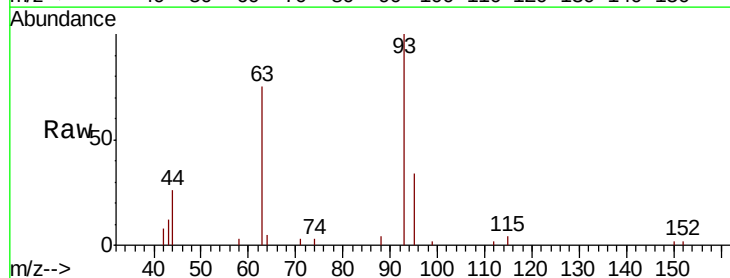
Tgt Ion: 93 Resp: 4187

Ion Ratio Lower Upper

93 100

63 68.9 53.4 80.0

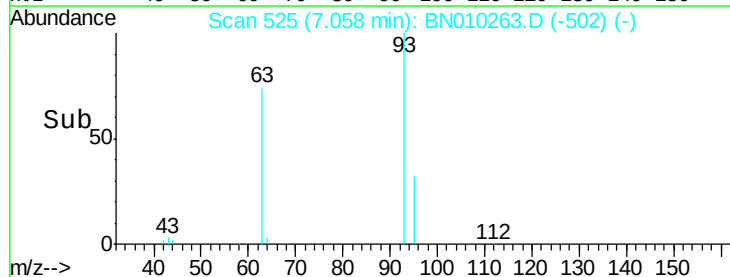
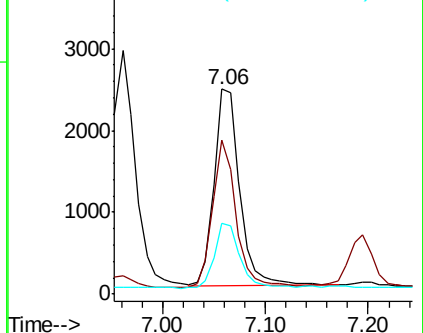
95 32.8 28.6 42.8

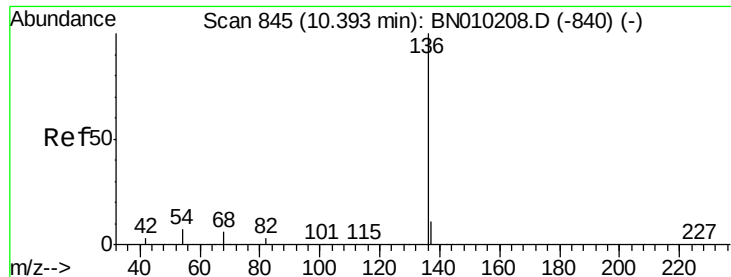


Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

Ion 95.00 (94.70 to 95.70): BN010208.D (-523) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 15154

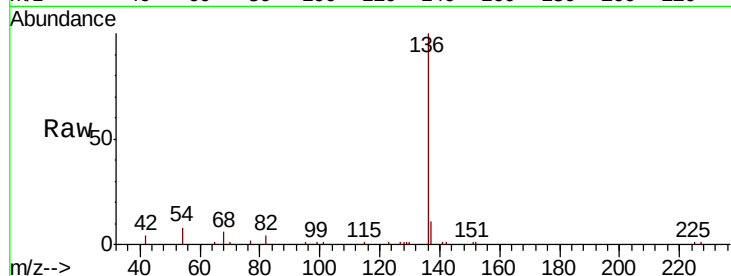
Ion Ratio Lower Upper

136 100

137 11.4 10.6 15.8

54 7.8 9.5 14.3#

68 6.4 9.7 14.5#

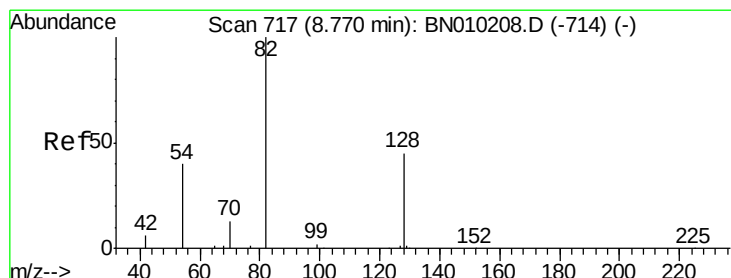
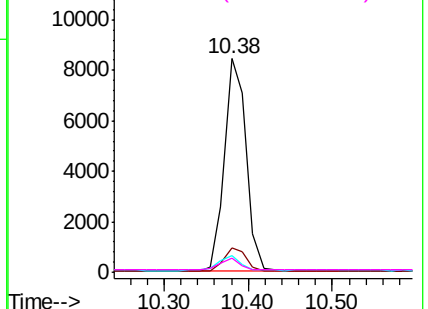
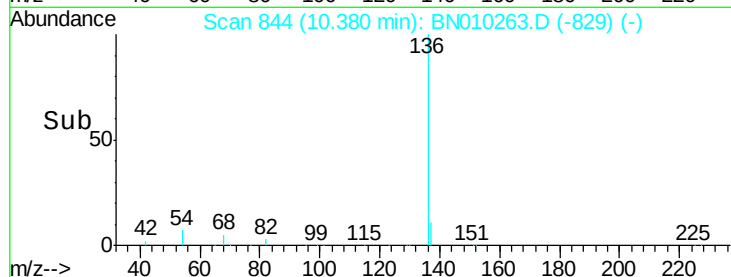


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

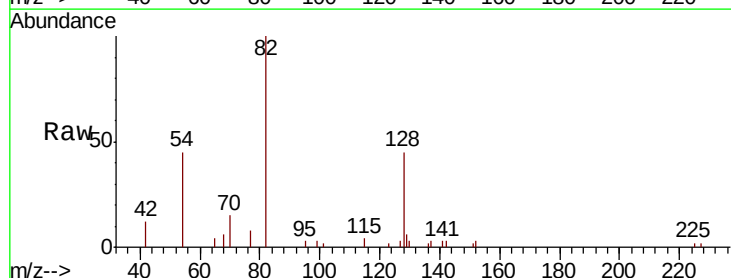
Tgt Ion: 82 Resp: 3642

Ion Ratio Lower Upper

82 100

128 45.3 35.0 52.6

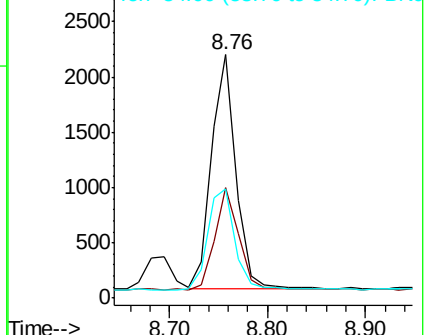
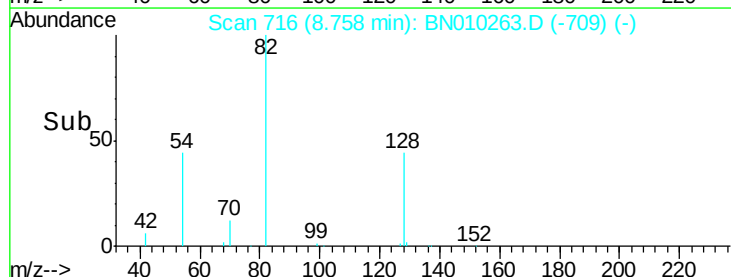
54 45.0 37.0 55.4

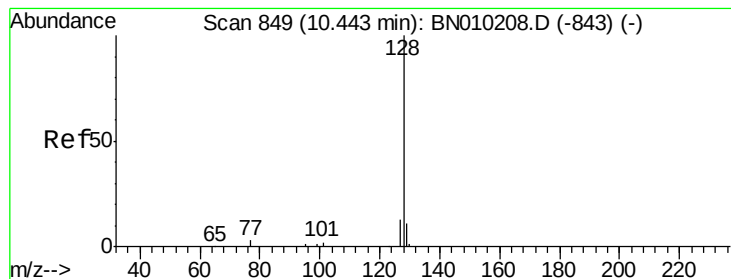


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

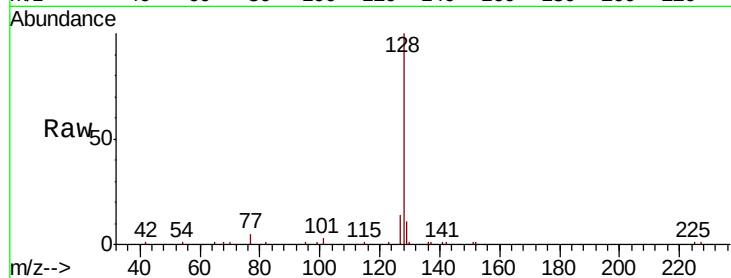
Tot Ion:128 Resp: 15238

Ion Ratio Lower Upper

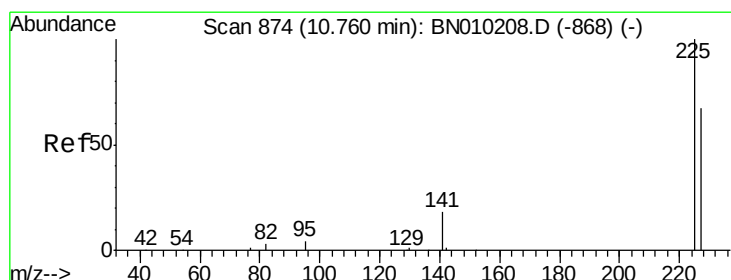
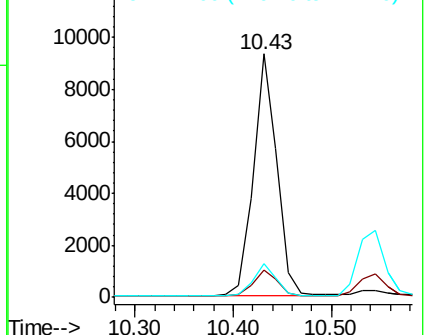
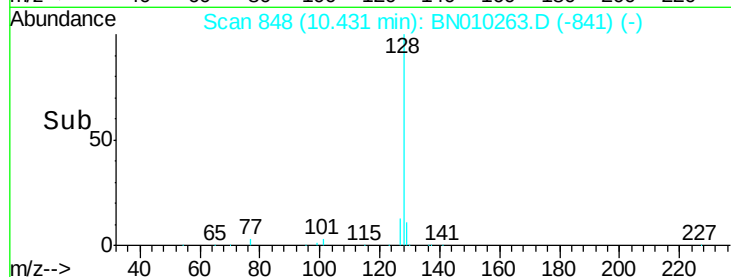
128 100

129 11.4 10.5 15.7

127 13.8 12.1 18.1



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: 0.425 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.03 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

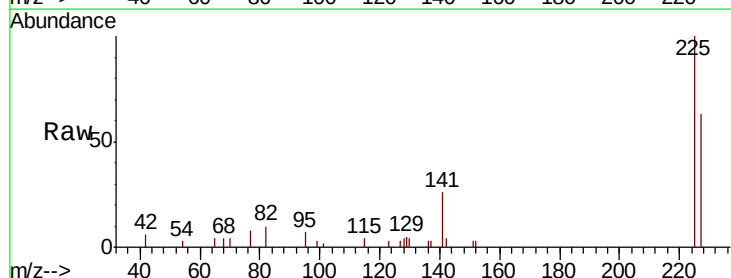
Tgt Ion:225 Resp: 3711

Ion Ratio Lower Upper

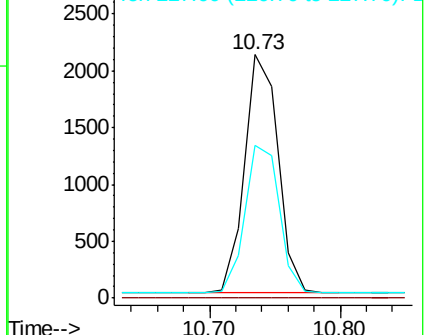
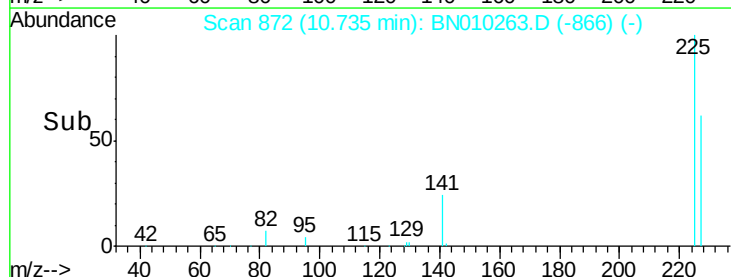
225 100

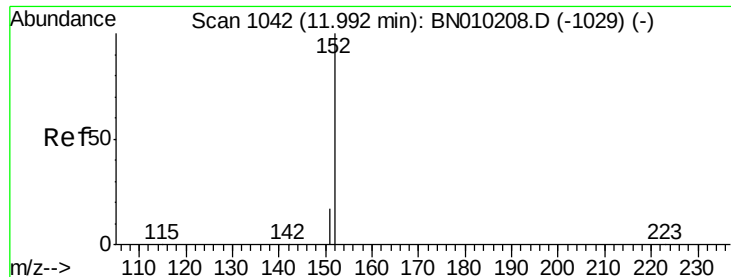
223 0.0 0.0 0.0

227 64.0 53.4 80.2



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

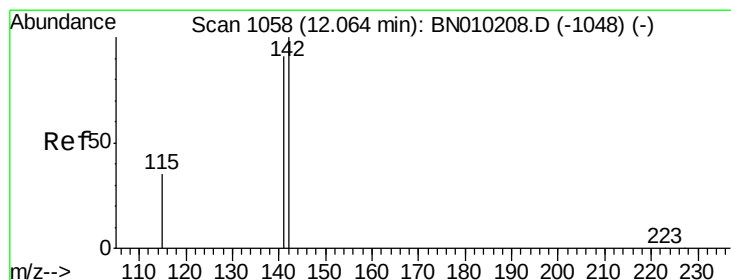
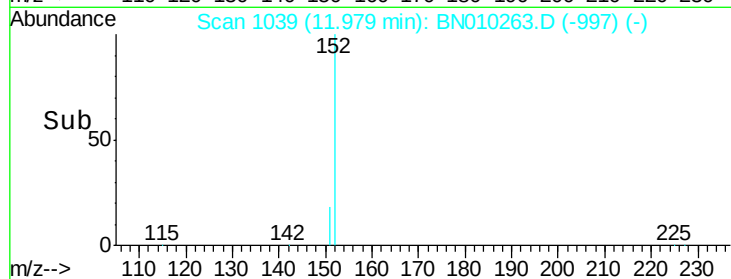
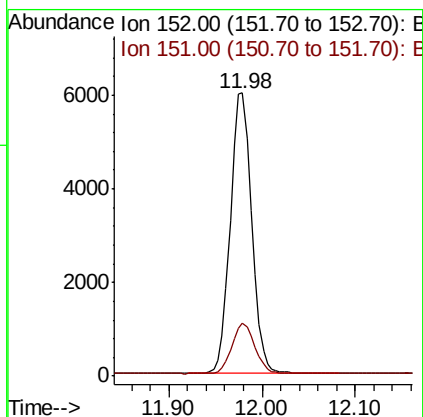
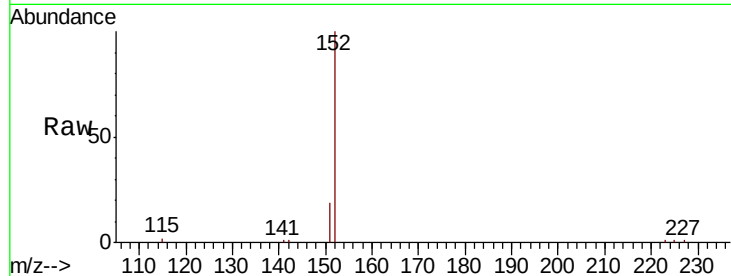




#11
 2-Methylnaphthalene-d10
 Concen: 0.383 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BN010263.D
 Acq: 18 Mar 2020 13:02

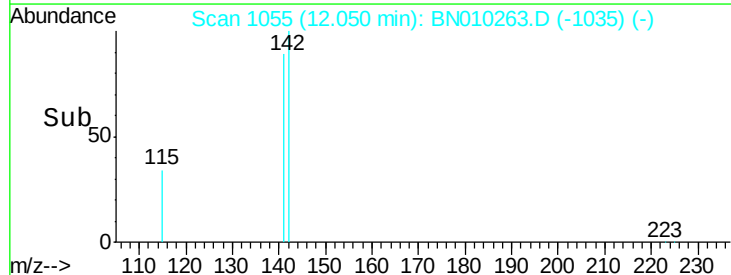
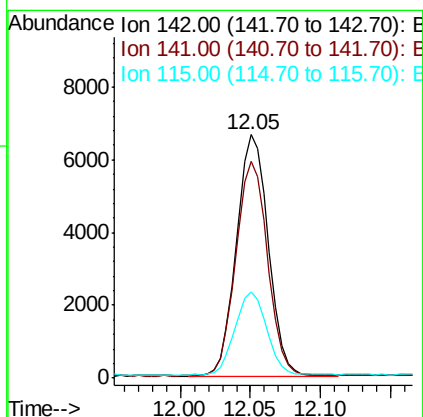
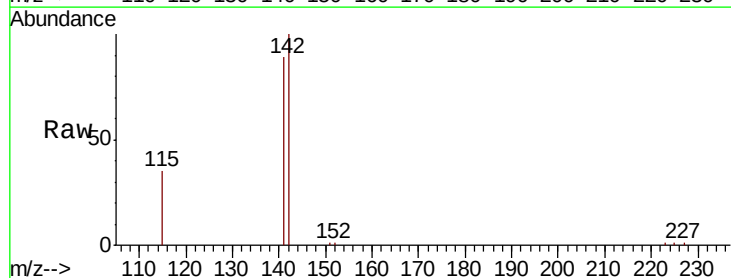
Instrument :
 BNA_N
 ClientSampleId :

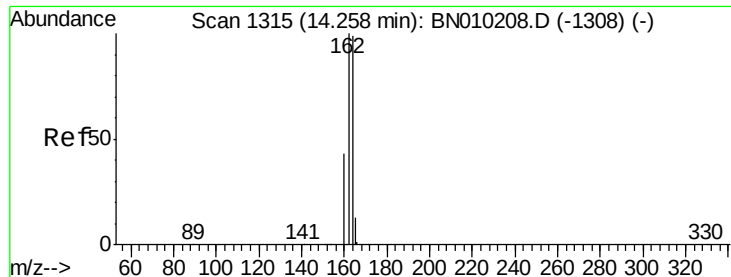
Tot Ion:152 Resp: 9575
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.384 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN010263.D
 Acq: 18 Mar 2020 13:02

Tgt Ion:142 Resp: 10459
 Ion Ratio Lower Upper
 142 100
 141 89.0 73.7 110.5
 115 35.3 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

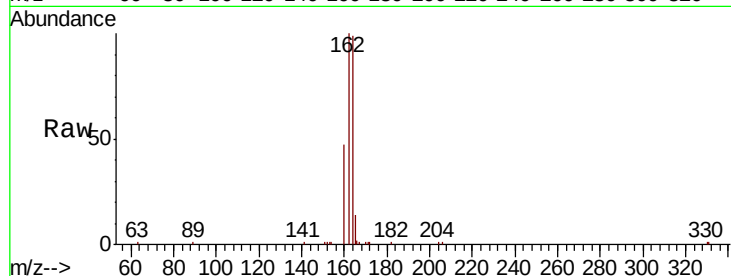
Tot Ion:164 Resp: 9231

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

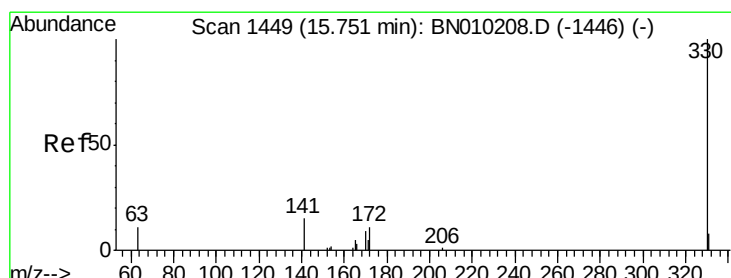
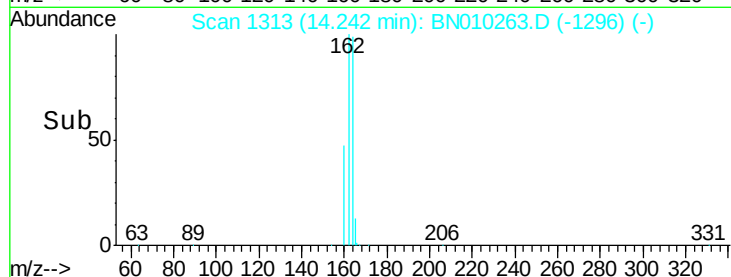
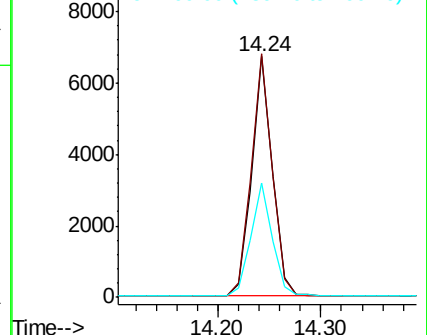
160 47.4 35.6 53.4



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: 0.370 ng

RT: 15.74 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

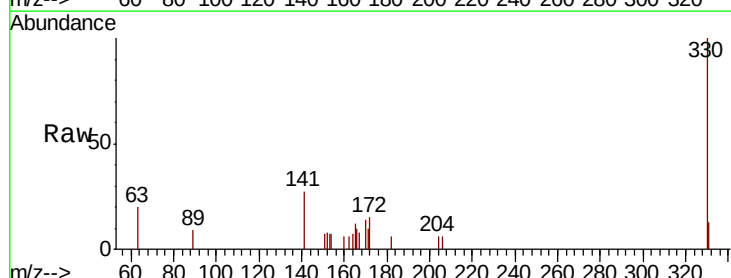
Tgt Ion:330 Resp: 1223

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

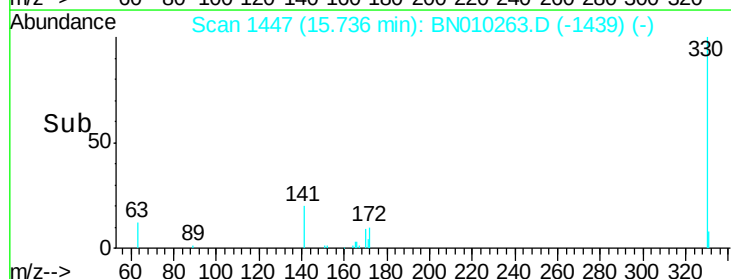
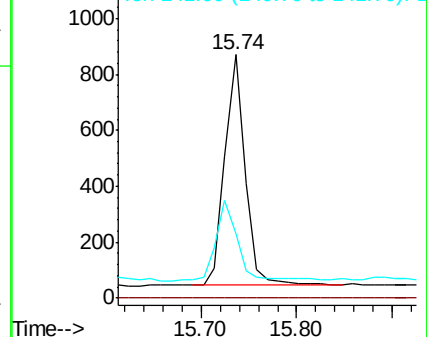
141 34.8 25.1 37.7

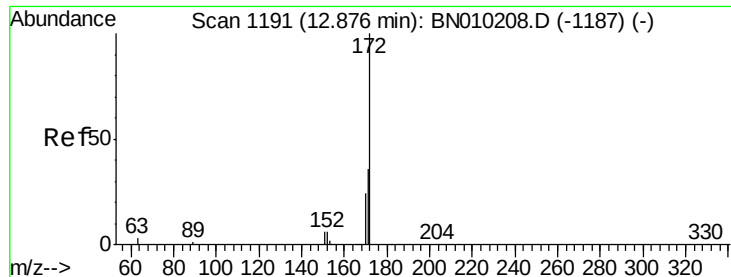


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

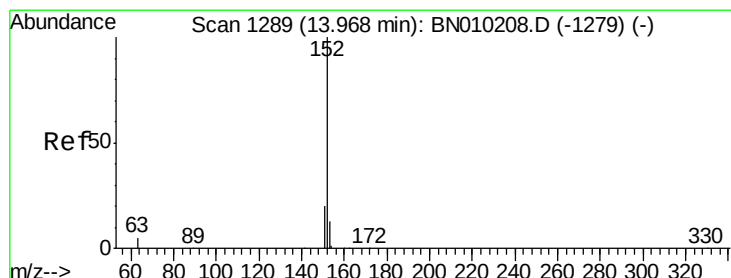
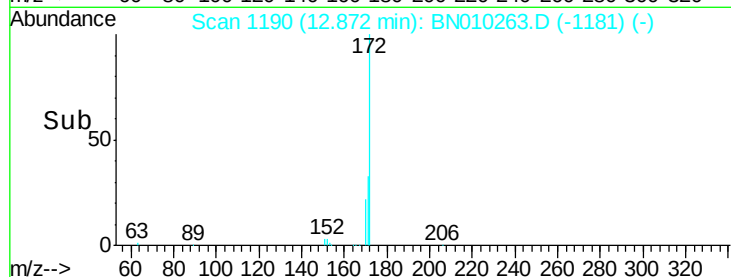
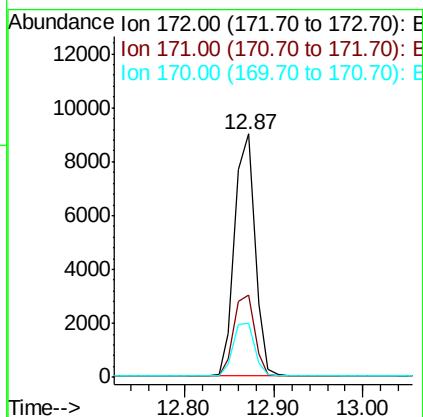
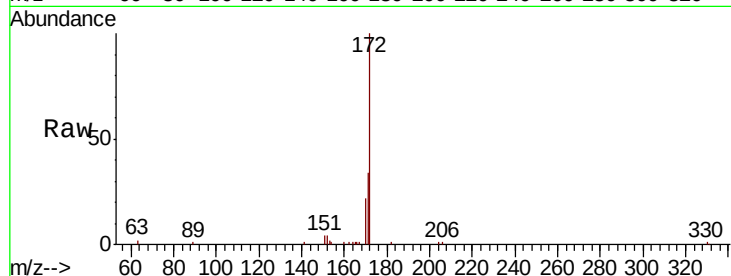




#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 12.87 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010263.D
Acq: 18 Mar 2020 13:02

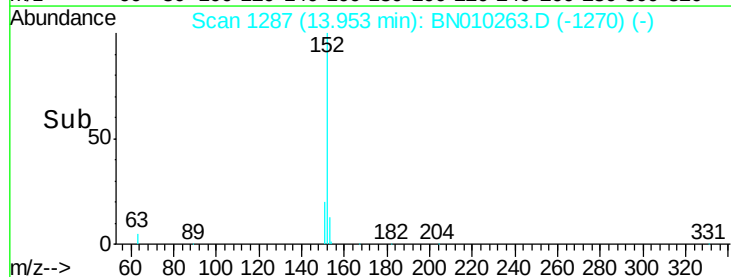
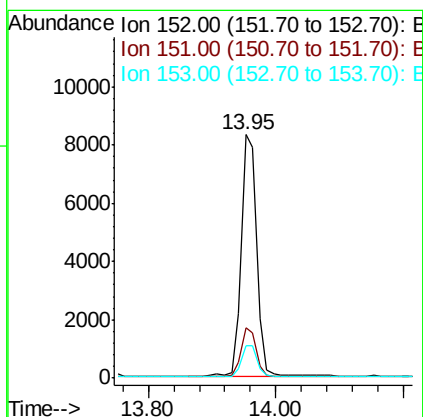
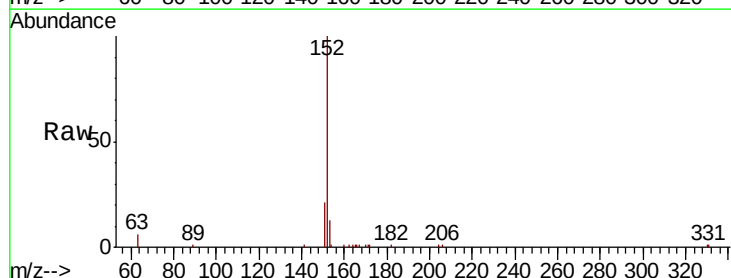
Instrument :
BNA_N
ClientSampleId :

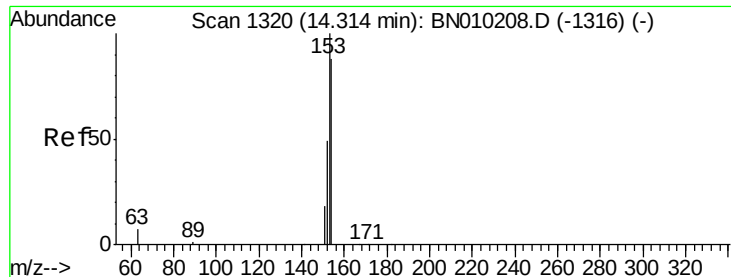
Tot Ion:172 Resp: 14313
Ion Ratio Lower Upper
172 100
171 33.9 29.4 44.2
170 22.0 20.2 30.4



#16
Acenaphthylene
Concen: 0.333 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BN010263.D
Acq: 18 Mar 2020 13:02

Tgt Ion:152 Resp: 14171
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.31 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

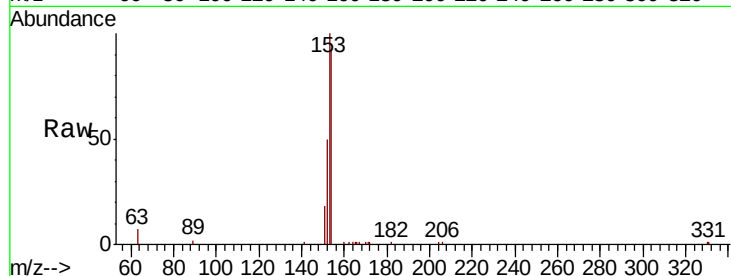
Tot Ion:154 Resp: 10380

Ion Ratio Lower Upper

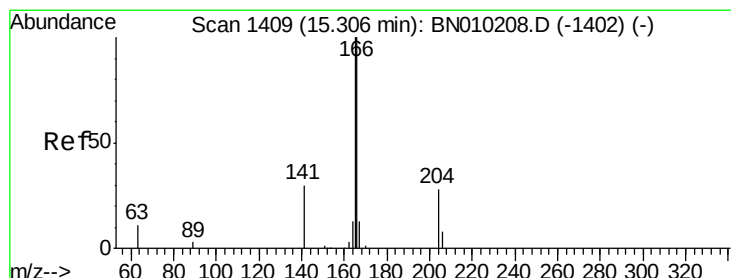
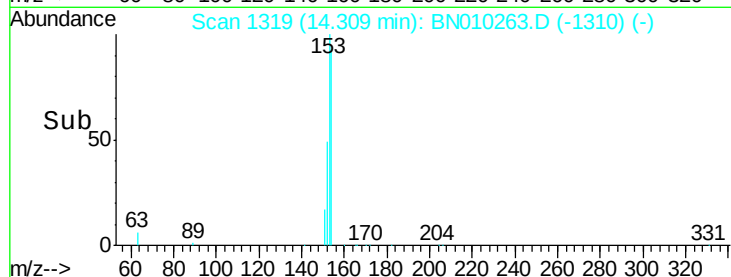
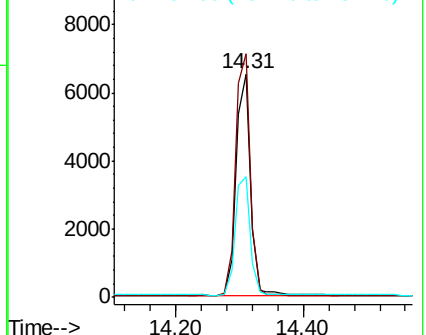
154 100

153 108.9 90.3 135.5

152 55.7 42.9 64.3



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: 0.381 ng

RT: 15.29 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

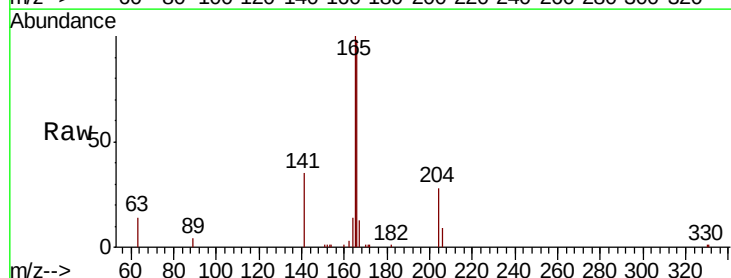
Tgt Ion:166 Resp: 13430

Ion Ratio Lower Upper

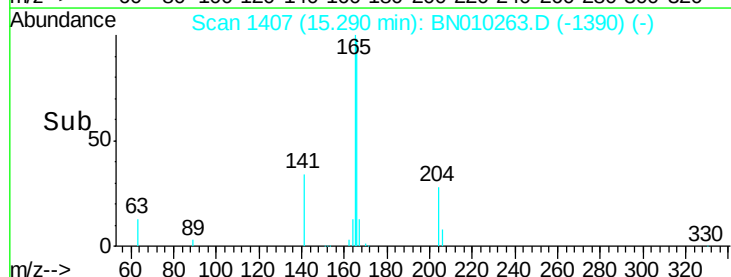
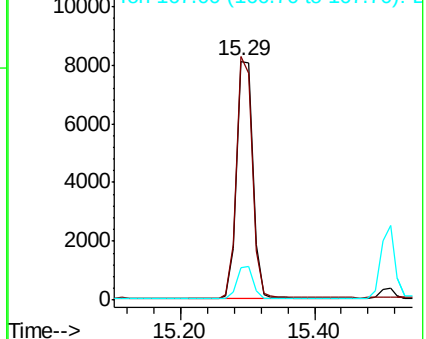
166 100

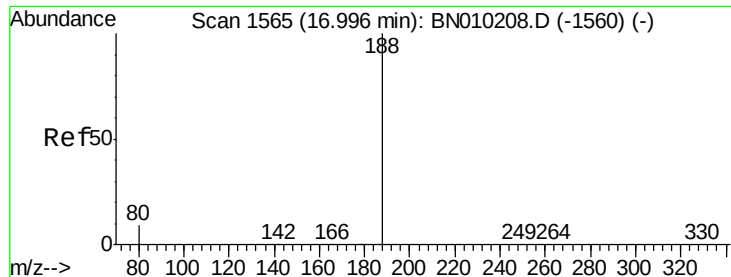
165 98.3 78.3 117.5

167 13.3 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.98 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

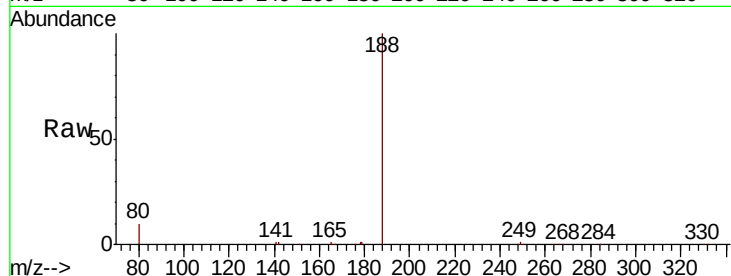
Tot Ion:188 Resp: 21865

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

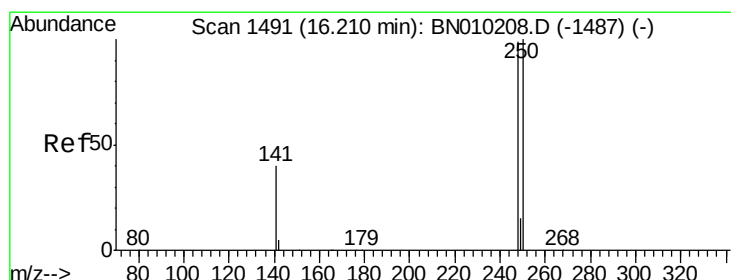
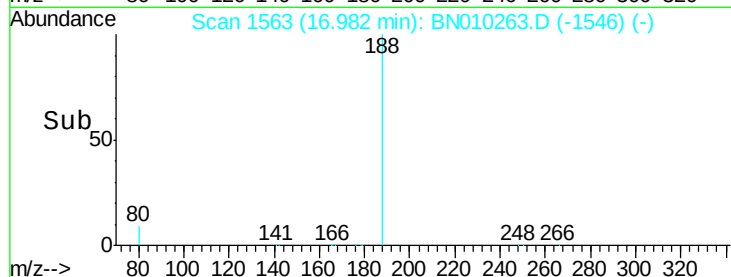
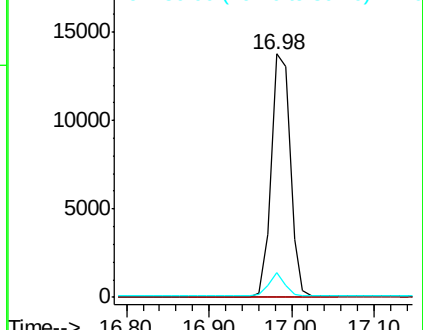
80 9.9 8.6 12.8



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: 0.416 ng

RT: 16.20 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

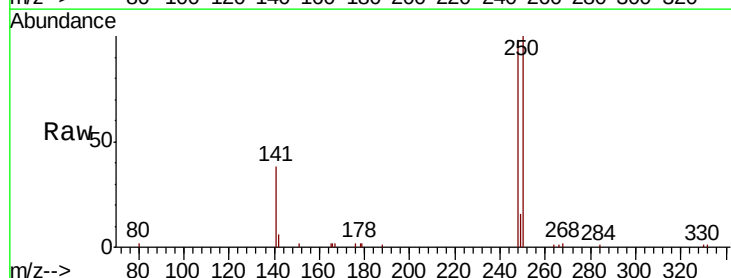
Tgt Ion:248 Resp: 5222

Ion Ratio Lower Upper

248 100

250 101.7 81.2 121.8

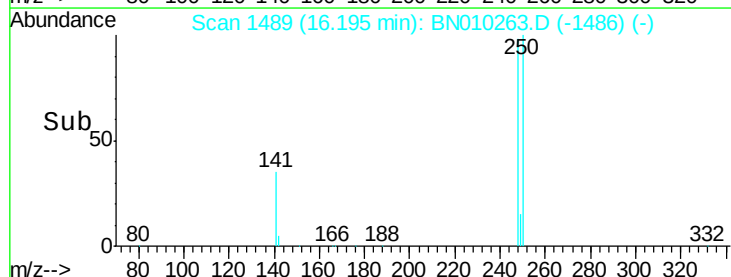
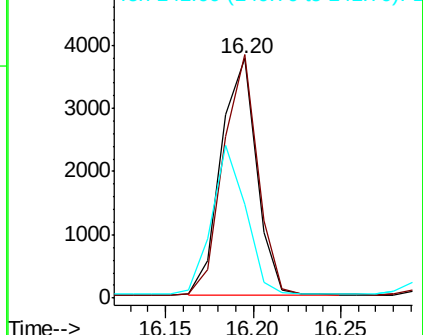
141 39.0 36.7 55.1

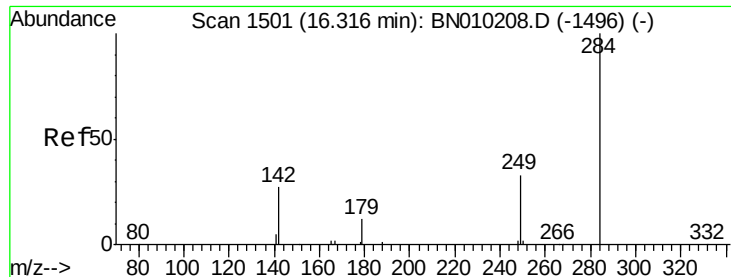


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.448 ng

RT: 16.30 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampled :

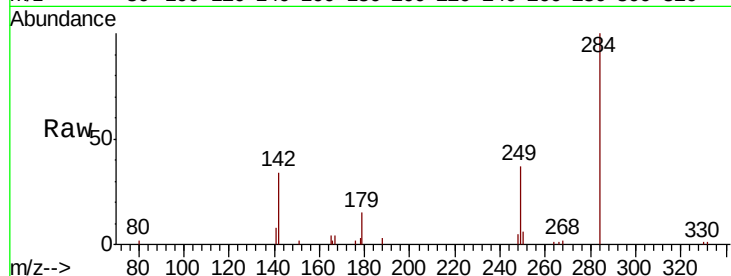
Tot Ion:284 Resp: 5496

Ion Ratio Lower Upper

284 100

142 33.3 27.8 41.6

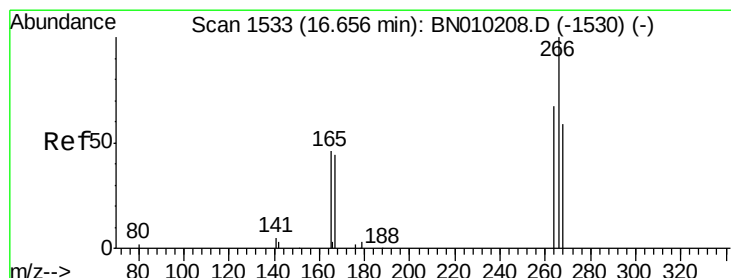
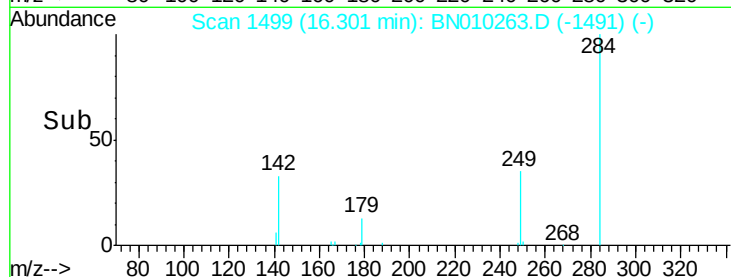
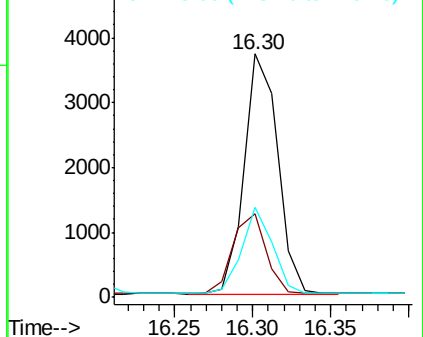
249 32.5 26.6 39.8



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: 0.374 ng

RT: 16.64 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

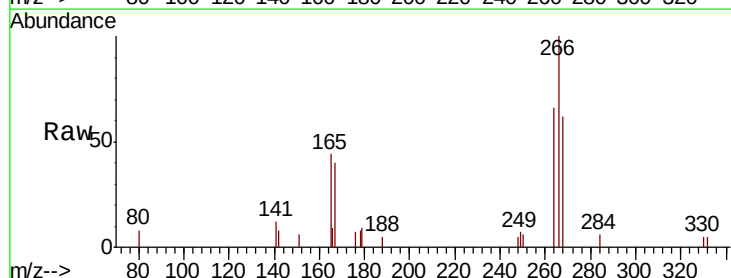
Tgt Ion:266 Resp: 1417

Ion Ratio Lower Upper

266 100

264 66.2 56.2 84.2

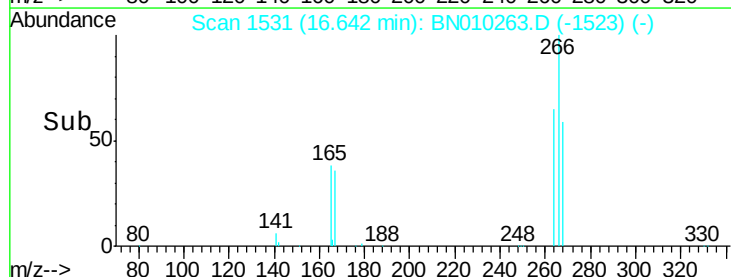
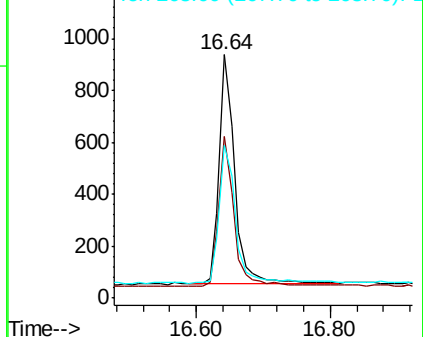
268 62.5 61.4 92.2

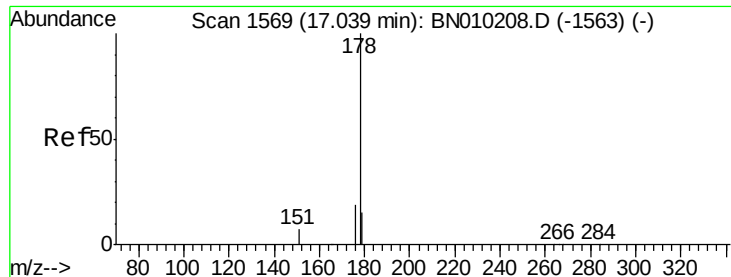


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.405 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

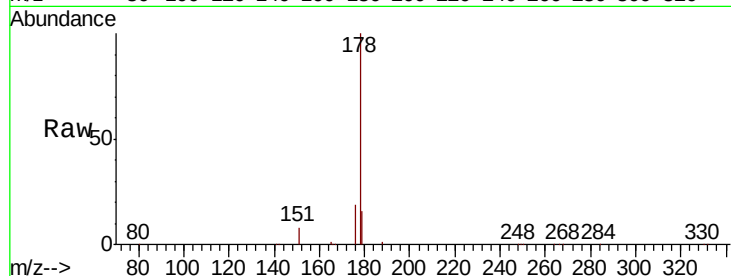
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 23465

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.3	12.5	18.7

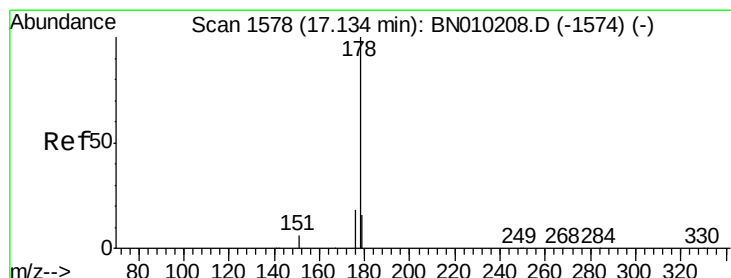
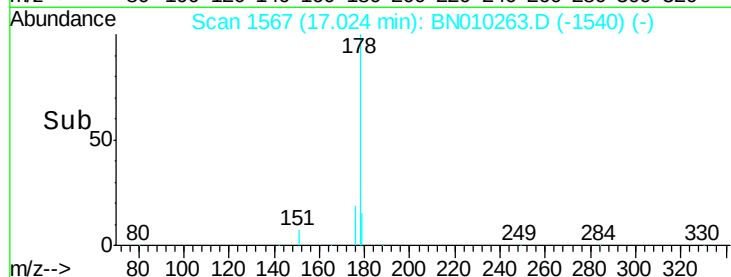
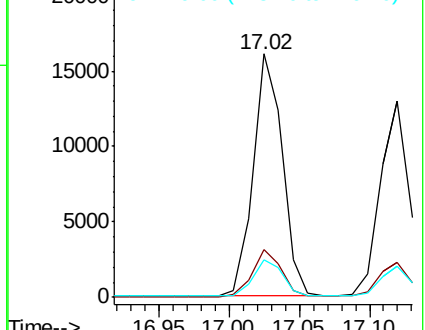


Abundance

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



#24

Anthracene

Concen: 0.339 ng

RT: 17.12 min Scan# 1576

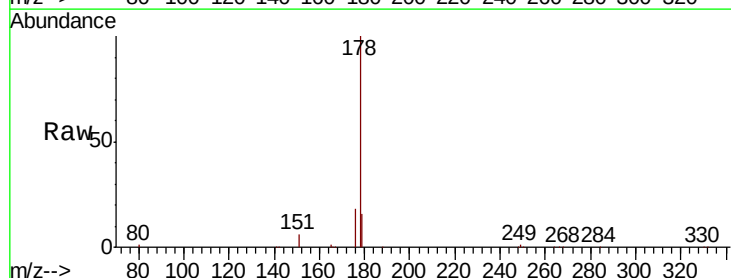
Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Tgt Ion:178 Resp: 19585

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.6	12.5	18.7

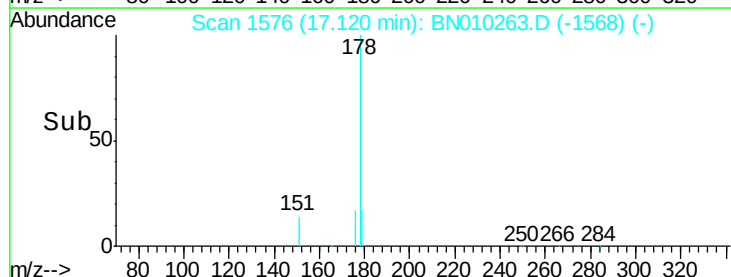
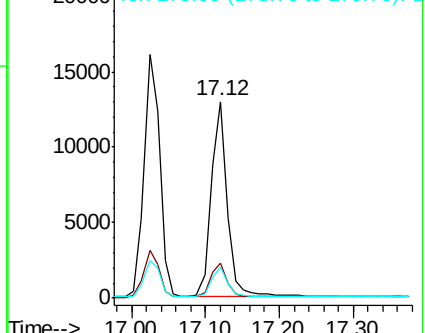


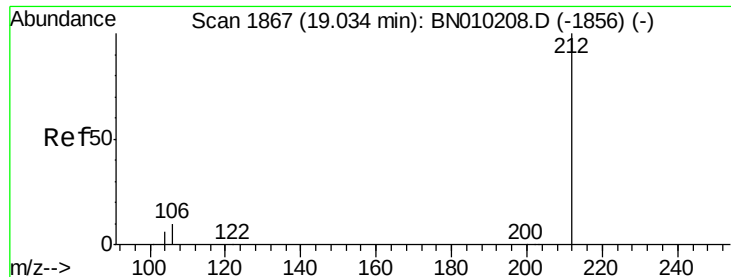
Abundance

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: 0.368 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010263.D

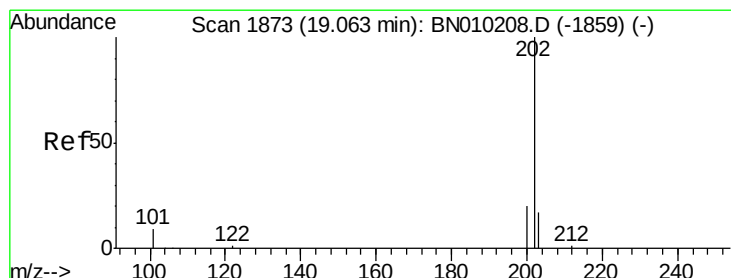
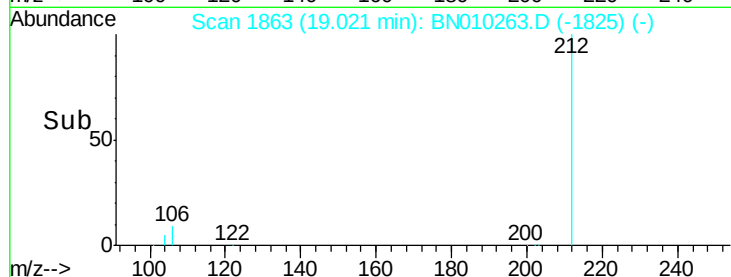
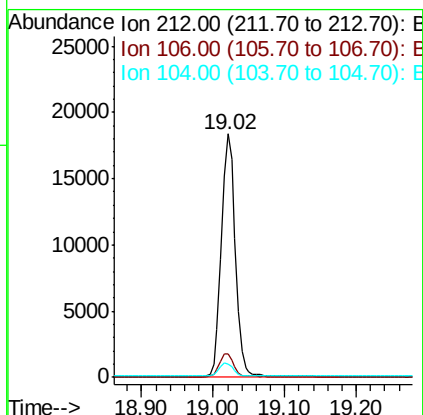
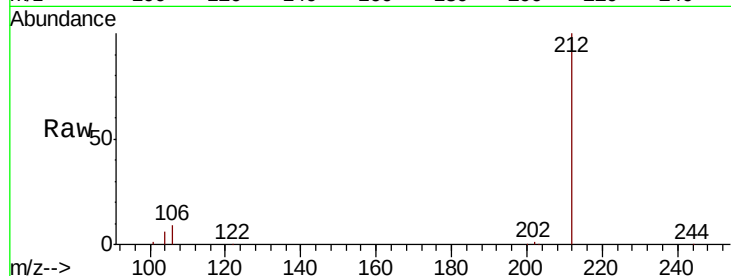
Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion:212	Resp:	24826
Ion Ratio	Lower	Upper
212	100	
106	9.4	8.1 12.1
104	5.4	4.7 7.1



#26

Fluoranthene

Concen: 0.387 ng

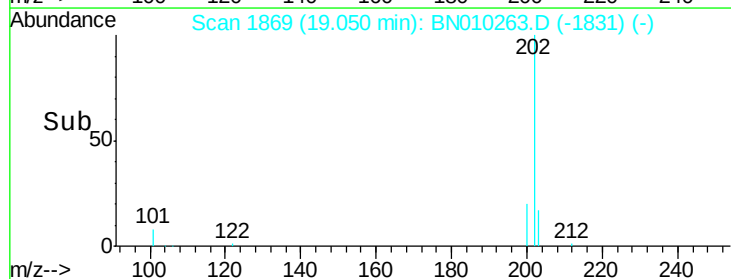
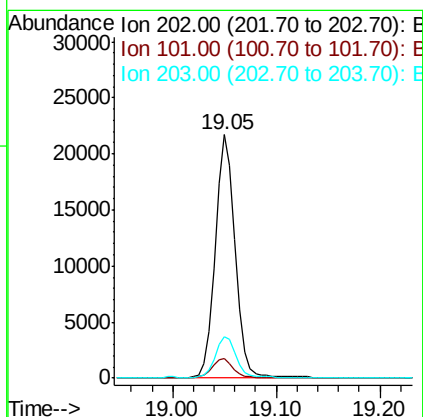
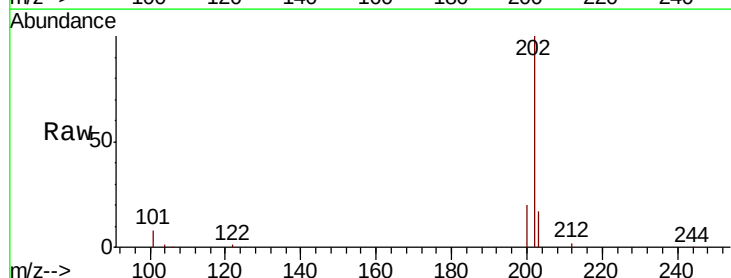
RT: 19.05 min Scan# 1869

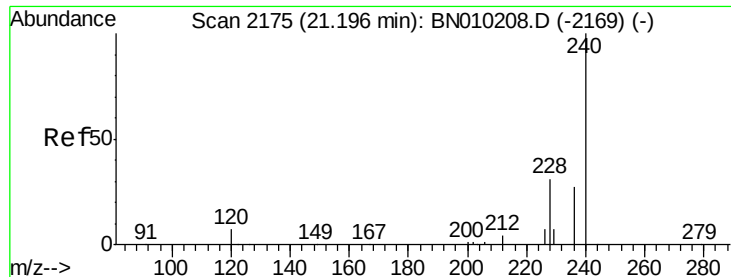
Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Tgt Ion:202	Resp:	28458
Ion Ratio	Lower	Upper
202	100	
101	8.0	7.0 10.6
203	17.2	13.9 20.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

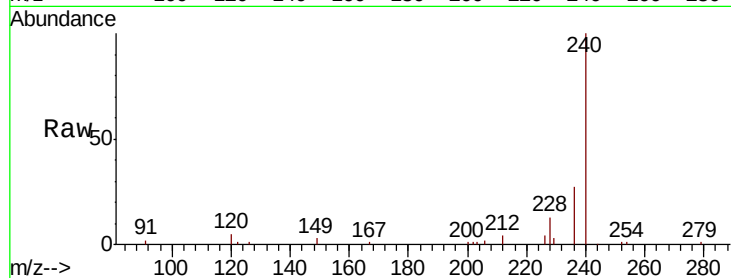
Tot Ion:240 Resp: 21784

Ion Ratio Lower Upper

240 100

120 5.3 7.7 11.5#

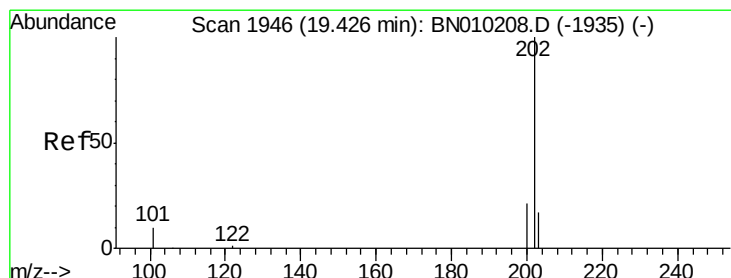
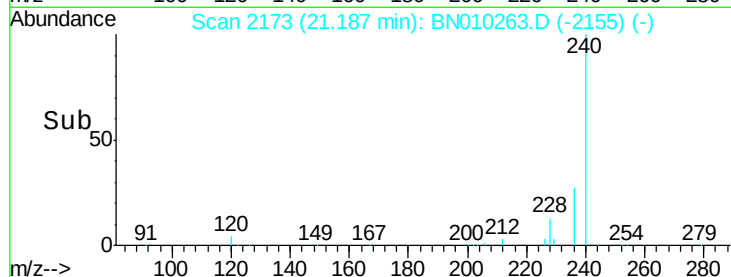
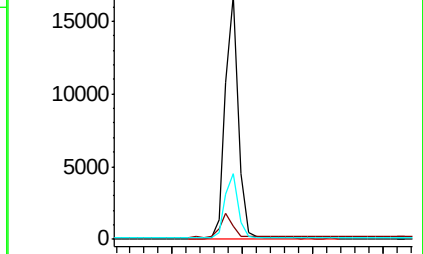
236 26.9 21.8 32.6



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: 0.389 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

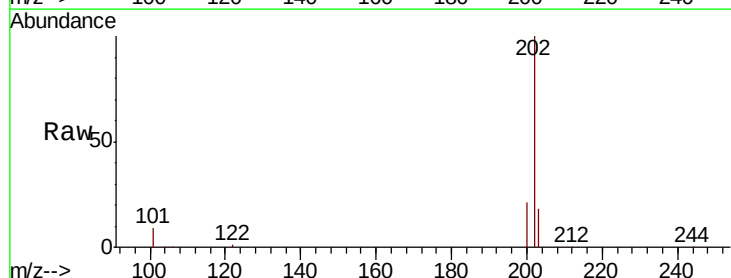
Tgt Ion:202 Resp: 28275

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

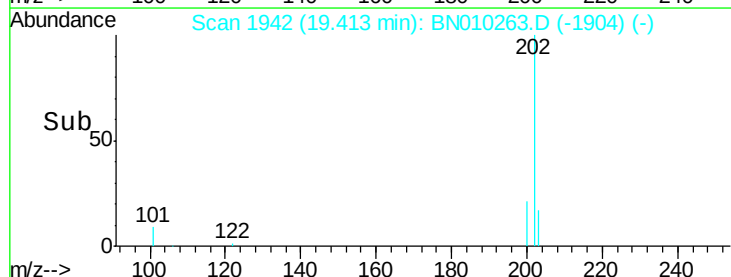
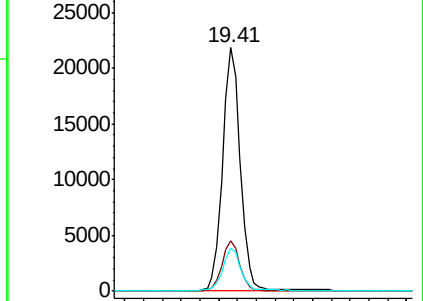
203 17.4 14.1 21.1

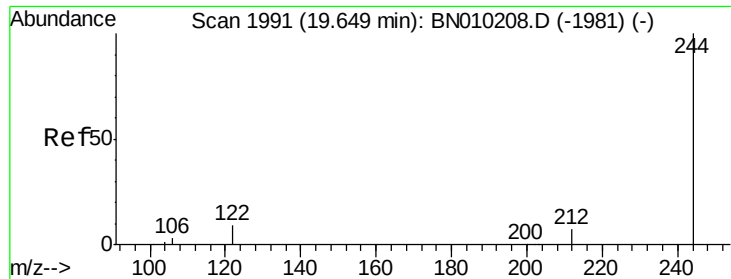


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 19.63 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

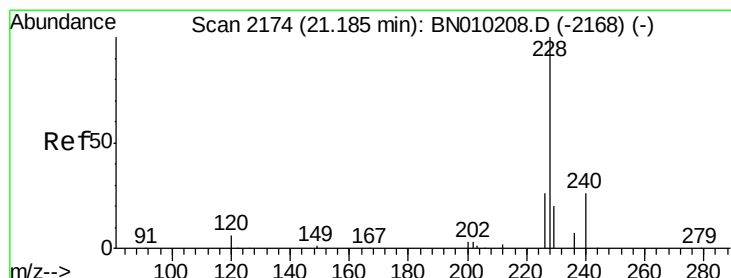
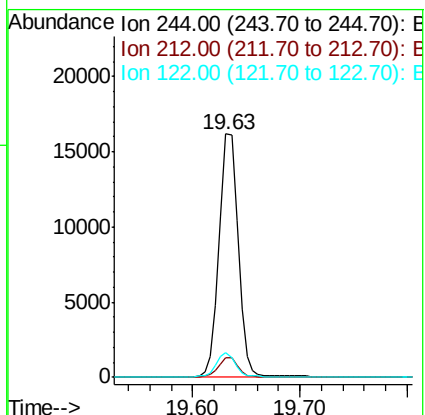
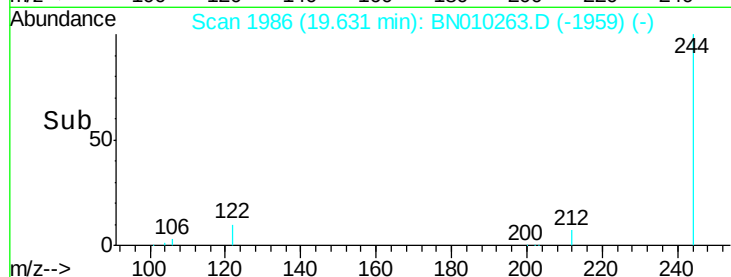
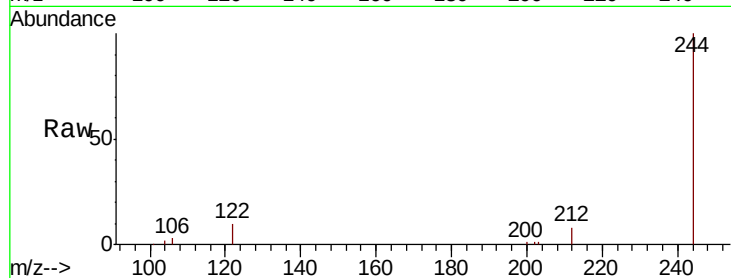
Tot Ion:244 Resp: 19816

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

122 10.0 8.1 12.1



#30

Benzo(a)anthracene

Concen: 0.364 ng

RT: 21.17 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

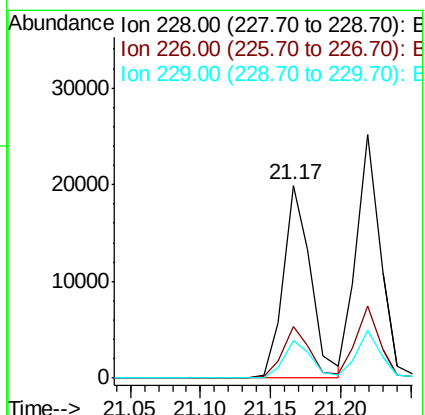
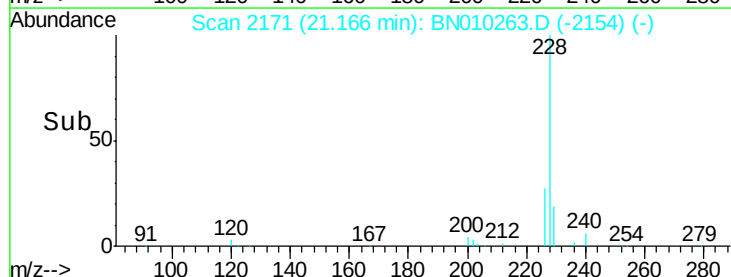
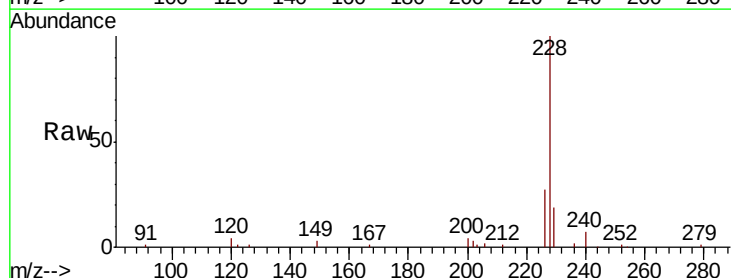
Tgt Ion:228 Resp: 26992

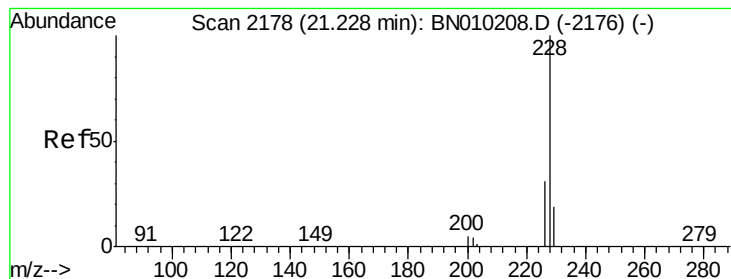
Ion Ratio Lower Upper

228 100

226 27.1 21.1 31.7

229 19.3 16.2 24.4





#31

Chrysene

Concen: 0.412 ng

RT: 21.22 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

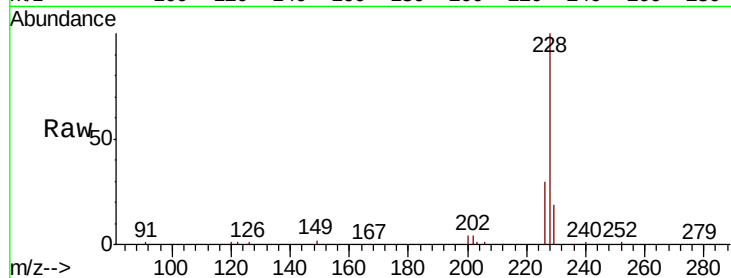
Tot Ion:228 Resp: 30037

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.4

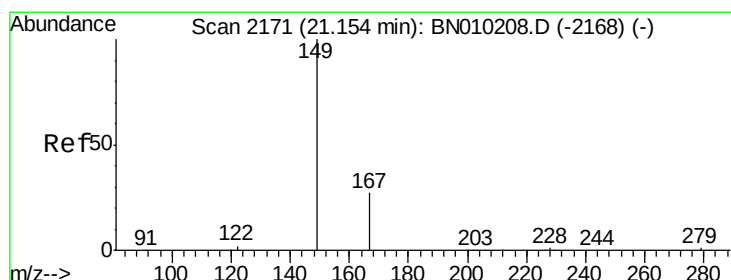
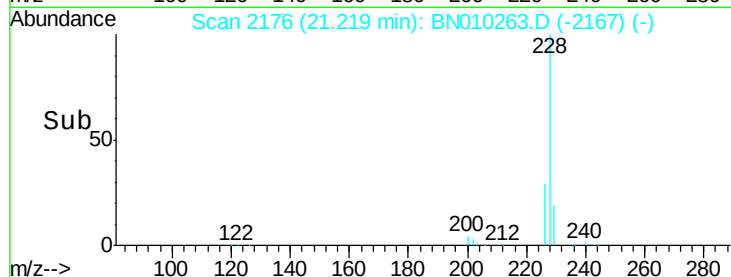
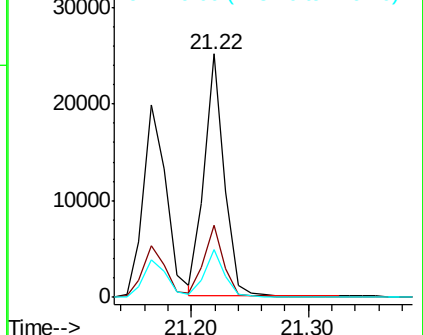
229 19.5 15.7 23.5



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: 0.214 ng

RT: 21.13 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

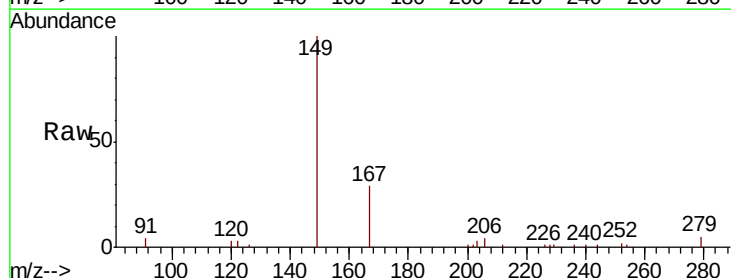
Tgt Ion:149 Resp: 6745

Ion Ratio Lower Upper

149 100

167 28.5 21.0 31.4

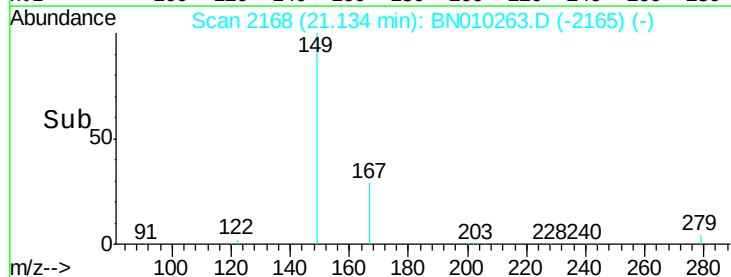
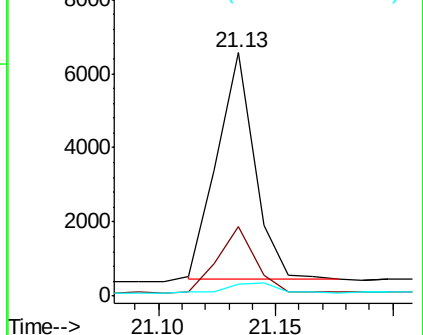
279 5.1 3.1 4.7#

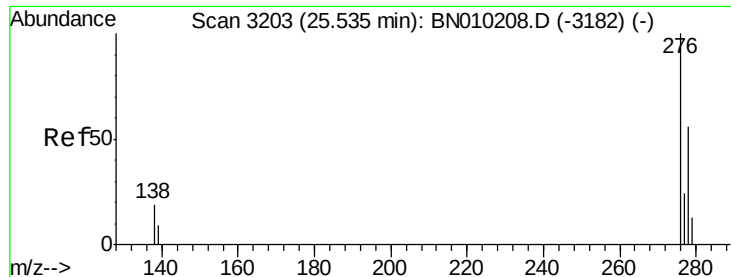


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.413 ng

RT: 25.51 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

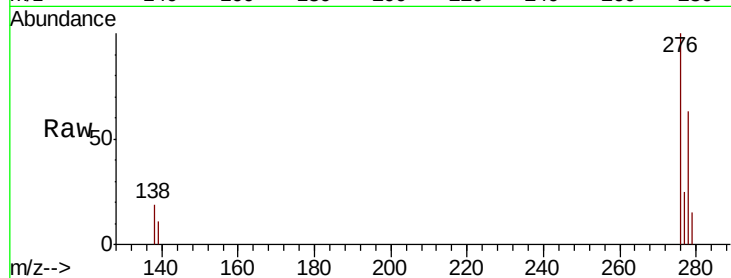
Tot Ion:276 Resp: 35768

Ion Ratio Lower Upper

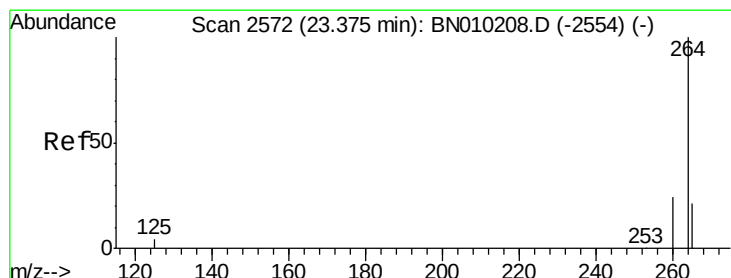
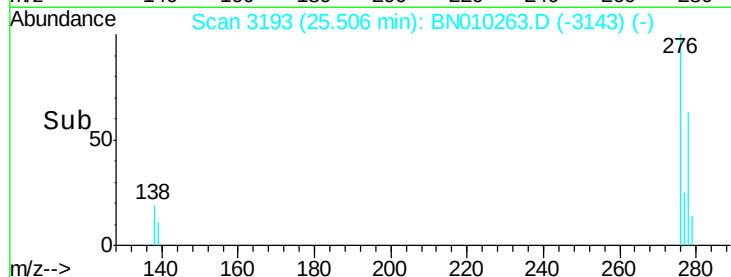
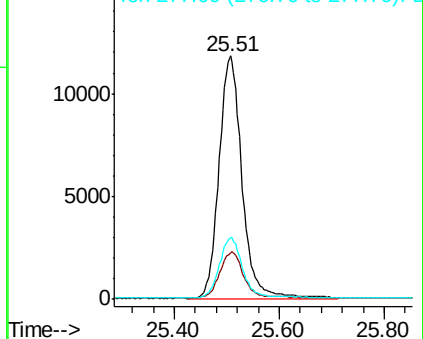
276 100

138 19.2 15.8 23.6

277 24.7 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

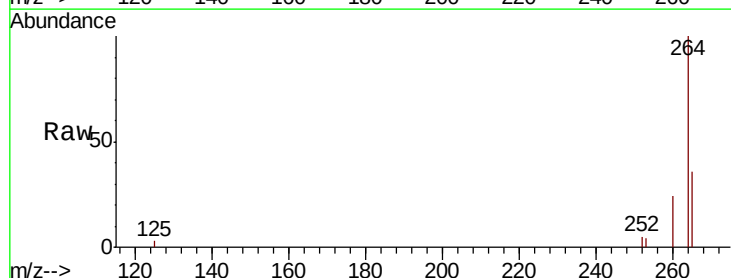
Tgt Ion:264 Resp: 24292

Ion Ratio Lower Upper

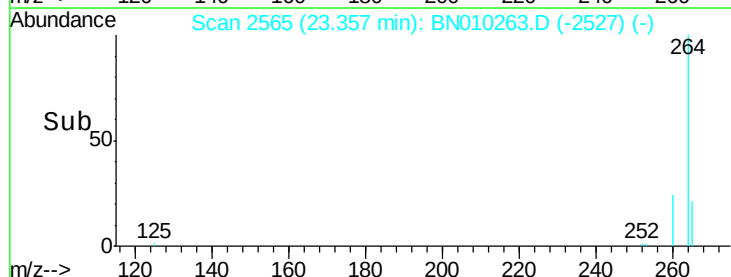
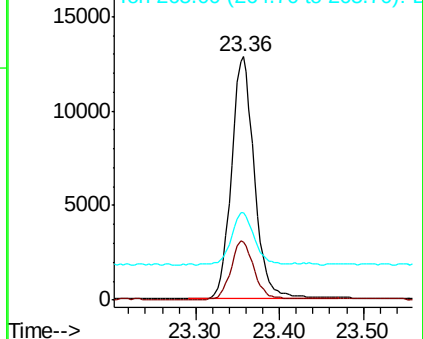
264 100

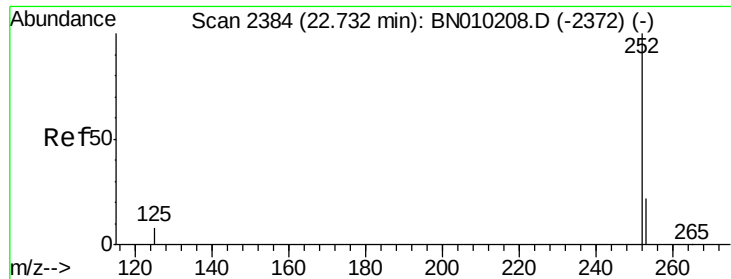
260 24.1 19.7 29.5

265 35.8 25.8 38.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

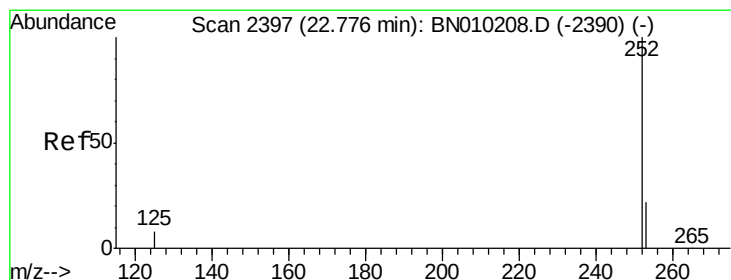
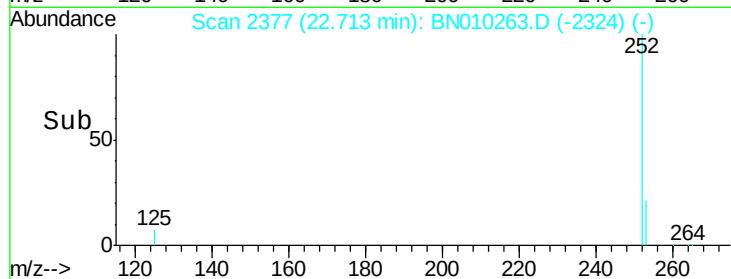
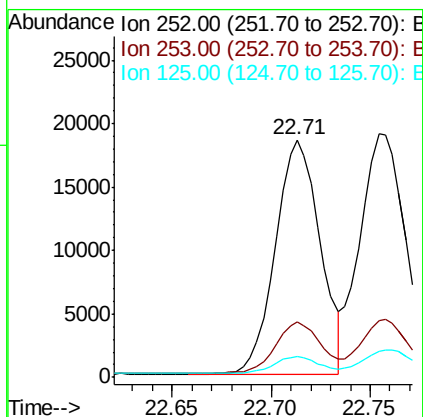
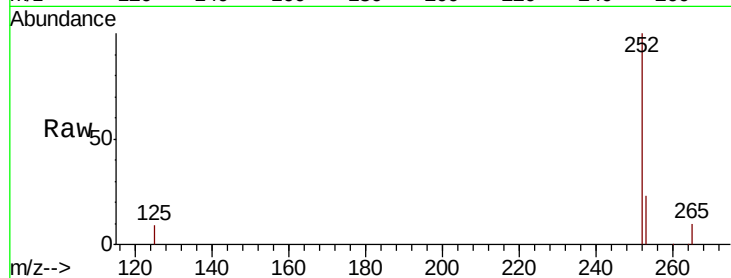




#35
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BN010263.D
Acq: 18 Mar 2020 13:02

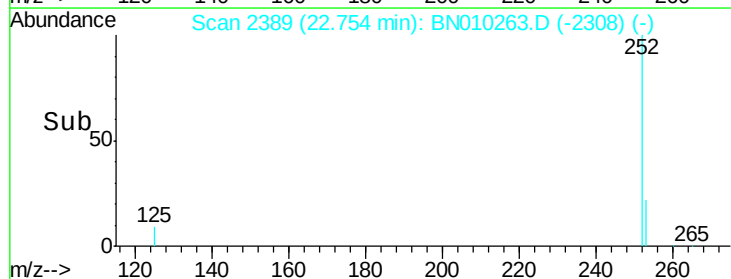
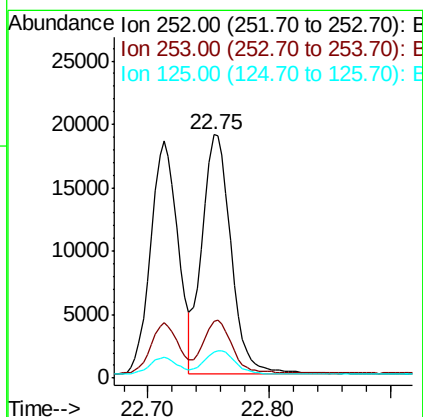
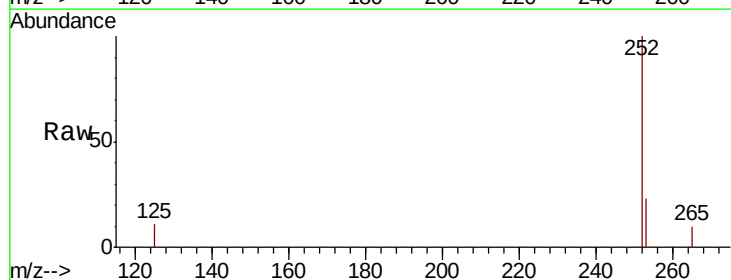
Instrument :
BNA_N
ClientSampleId :

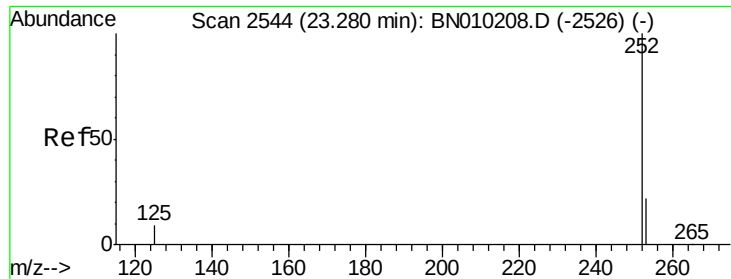
Tot Ion:252 Resp: 28953
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 8.8 7.9 11.9



#36
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BN010263.D
Acq: 18 Mar 2020 13:02

Tgt Ion:252 Resp: 31529
Ion Ratio Lower Upper
252 100
253 23.3 18.8 28.2
125 10.6 8.2 12.4





#37

Benzo(a)pyrene

Concen: 0.358 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :

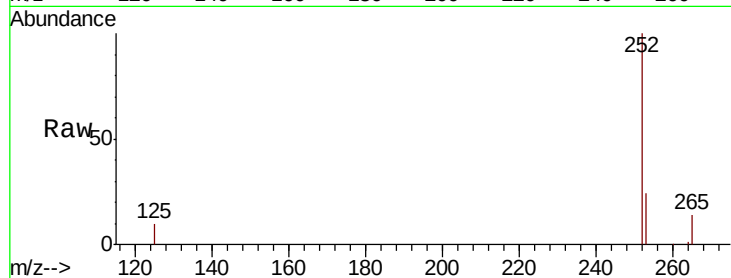
Tot Ion:252 Resp: 25252

Ion Ratio Lower Upper

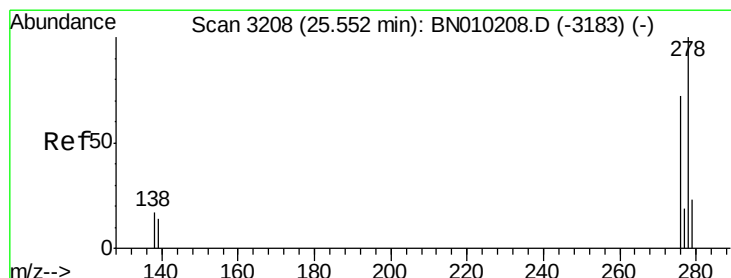
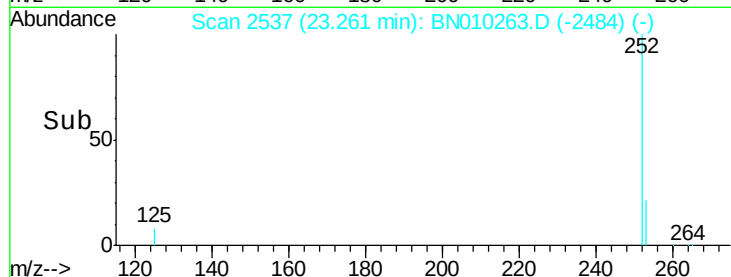
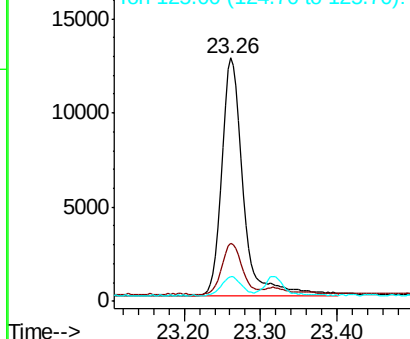
252 100

253 24.0 19.1 28.7

125 10.3 9.2 13.8



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: 0.417 ng

RT: 25.52 min Scan# 3197

Delta R.T. -0.03 min

Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

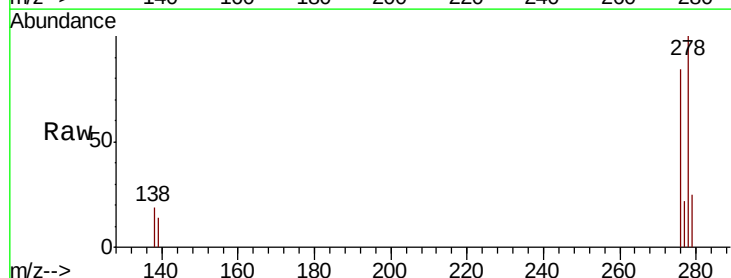
Tgt Ion:278 Resp: 29468

Ion Ratio Lower Upper

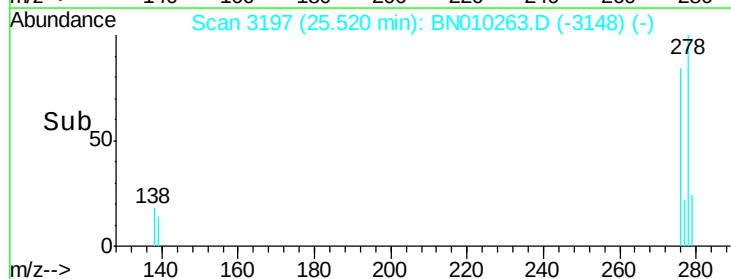
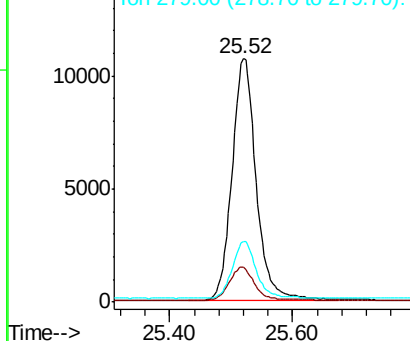
278 100

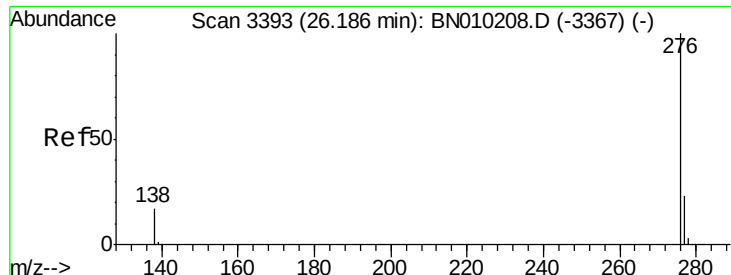
139 14.2 12.4 18.6

279 25.1 20.2 30.2



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: 0.397 ng

RT: 26.15 min Scan# 3382

Delta R.T. -0.03 min

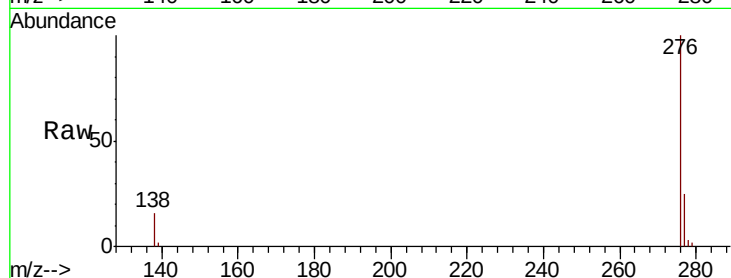
Lab File: BN010263.D

Acq: 18 Mar 2020 13:02

Instrument :

BNA_N

ClientSampleId :



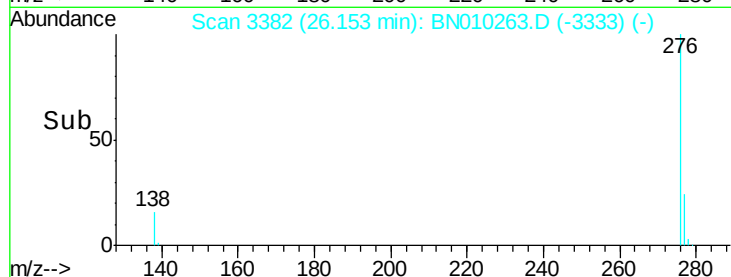
Tot Ion: 276 Resp: 28001

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.2

138 16.3 15.4 23.2



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

