

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
 Data File : BN010311.D
 Acq On : 20 Mar 2020 15:49
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 20 18:42:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	5356	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	18146	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	10909	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	26194	0.40	ng	0.00
27) Chrysene-d12	21.19	240	28511	0.40	ng	0.00
34) Perylene-d12	23.36	264	26285	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3931	0.37	ng	0.00
5) Phenol-d6	6.80	99	4897	0.37	ng	0.00
8) Nitrobenzene-d5	8.75	82	4430	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	11323	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	1406	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	16995	0.41	ng	0.00
25) Fluoranthene-d10	19.02	212	30422	0.39	ng	0.00
29) Terphenyl-d14	19.63	244	24149	0.39	ng	0.00

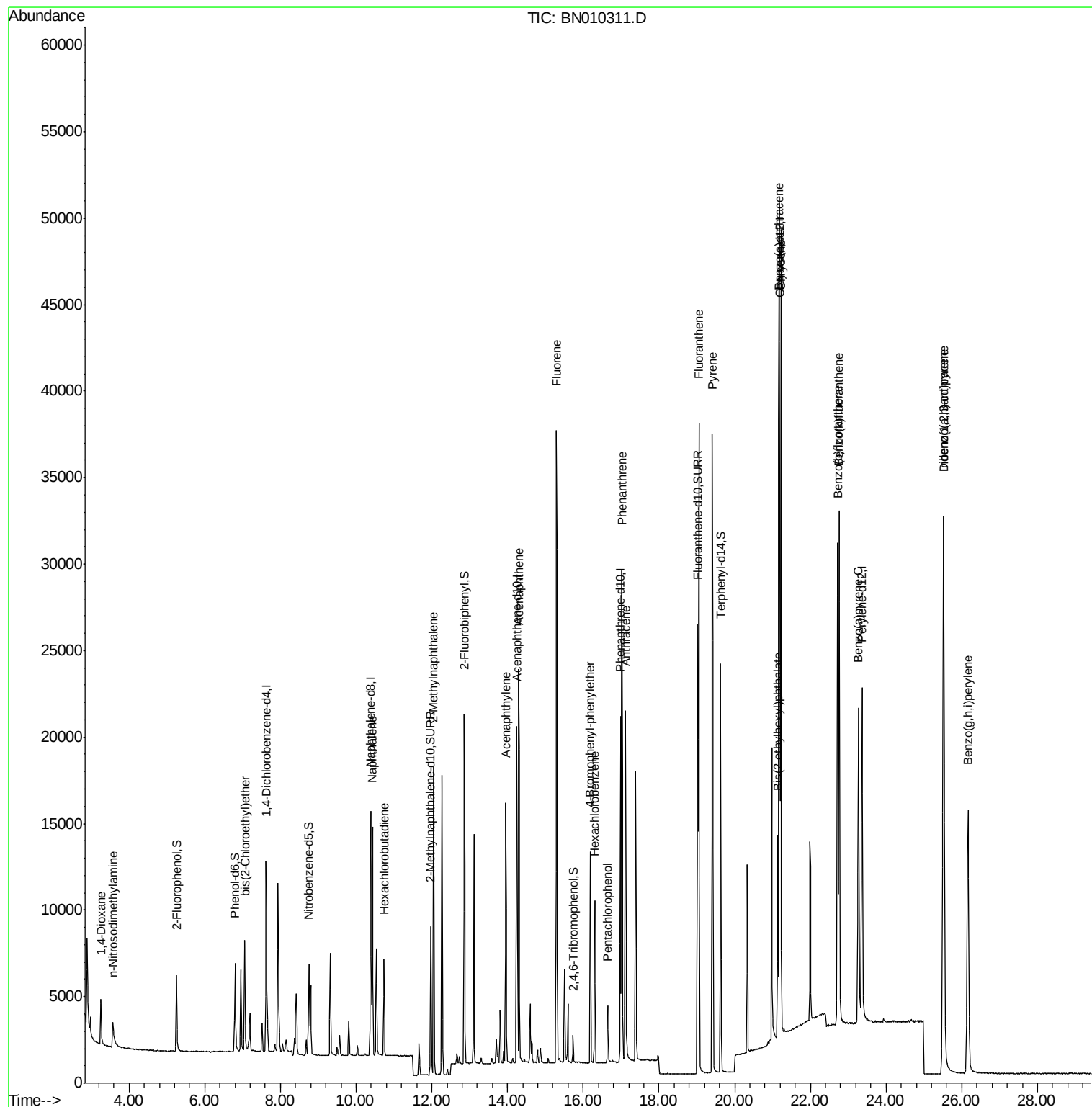
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1903	0.378	ng	96
3) n-Nitrosodimethylamine	3.56	42	1394	0.328	ng	98
6) bis(2-Chloroethyl)ether	7.06	93	5273	0.416	ng	97
9) Naphthalene	10.43	128	18048	0.399	ng	100
10) Hexachlorobutadiene	10.73	225	4473	0.408	ng	# 99
12) 2-Methylnaphthalene	12.05	142	12322	0.393	ng	98
16) Acenaphthylene	13.95	152	16257	0.380	ng	99
17) Acenaphthene	14.30	154	12025	0.394	ng	99
18) Fluorene	15.29	166	15851	0.391	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	6216	0.391	ng	92
21) Hexachlorobenzene	16.30	284	6497	0.398	ng	100
22) Pentachlorophenol	16.64	266	1777	0.318	ng	95
23) Phenanthrene	17.02	178	28284	0.393	ng	100
24) Anthracene	17.12	178	22982	0.373	ng	100
26) Fluoranthene	19.05	202	34624	0.392	ng	100
28) Pyrene	19.41	202	34075	0.384	ng	100
30) Benzo(a)anthracene	21.18	228	34449	0.379	ng	99
31) Chrysene	21.22	228	38938	0.400	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	9372	0.306	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	38506	0.369	ng	99
35) Benzo(b)fluoranthene	22.72	252	35808	0.401	ng	98
36) Benzo(k)fluoranthene	22.76	252	36108	0.397	ng	# 95
37) Benzo(a)pyrene	23.27	252	28651	0.380	ng	98
38) Dibenzo(a,h)anthracene	25.53	278	32016	0.393	ng	99
39) Benzo(g,h,i)perylene	26.16	276	32735	0.399	ng	100

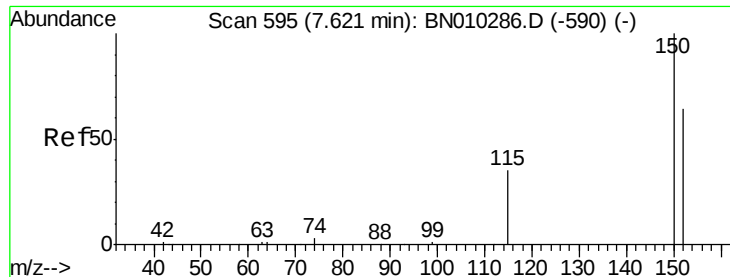
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010311.D
Acq On : 20 Mar 2020 15:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 20 18:42:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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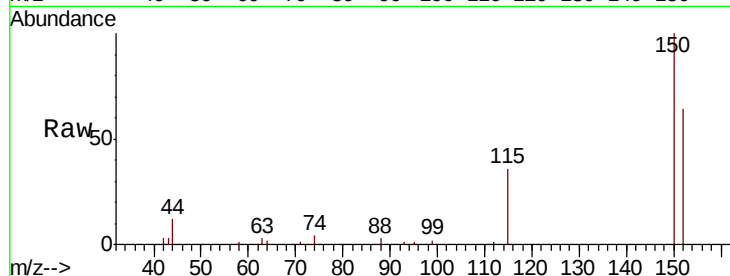


#1

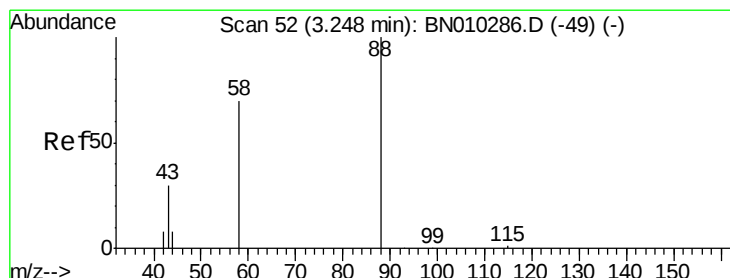
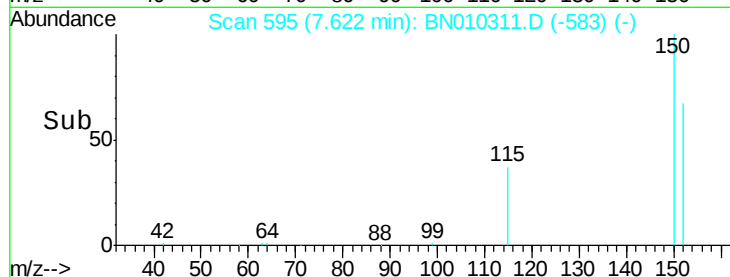
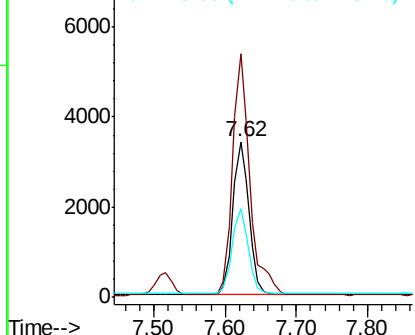
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010311.D
Acq: 20 Mar 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5356
Ion Ratio Lower Upper
152 100
150 156.4 123.1 184.7
115 56.8 45.2 67.8



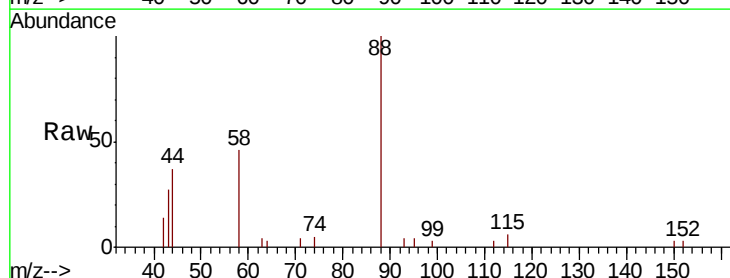
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



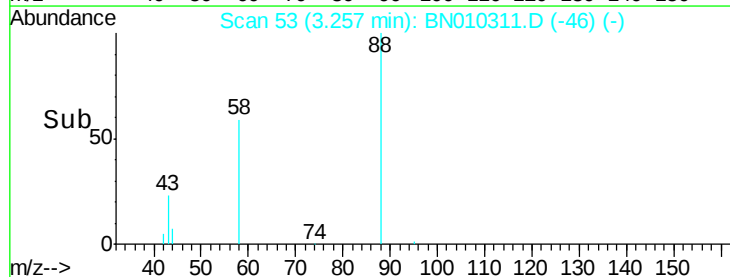
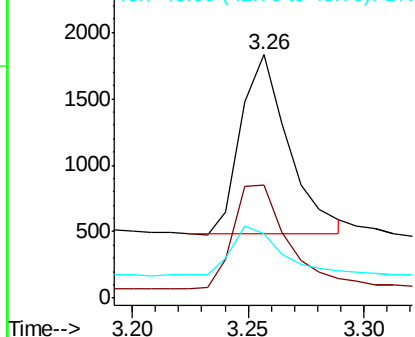
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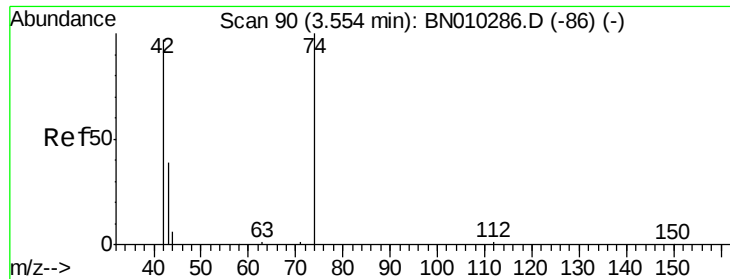
1,4-Dioxane
Concen: 0.378 ng
RT: 3.26 min Scan# 53
Delta R.T. 0.01 min
Lab File: BN010311.D
Acq: 20 Mar 2020 15:49

Tgt Ion: 88 Resp: 1903
Ion Ratio Lower Upper
88 100
58 67.4 51.7 77.5
43 28.5 21.2 31.8



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



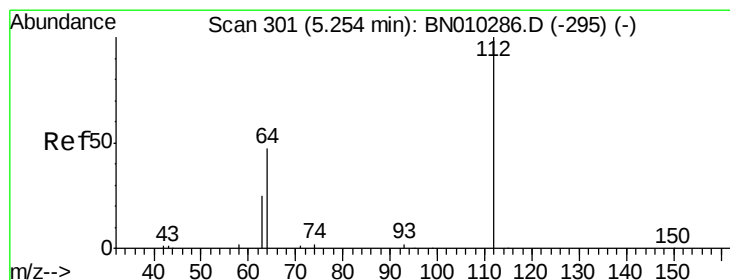
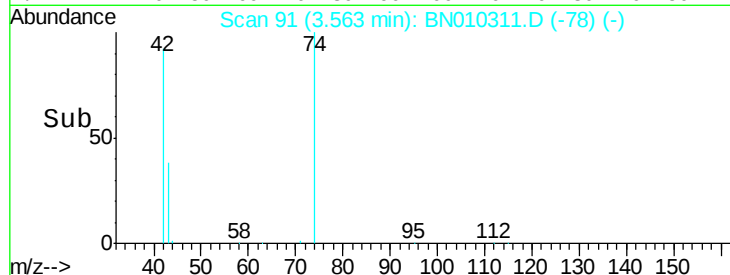
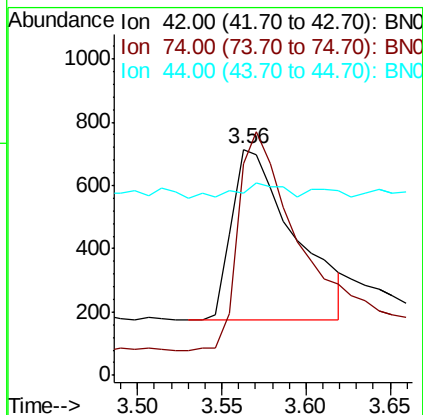
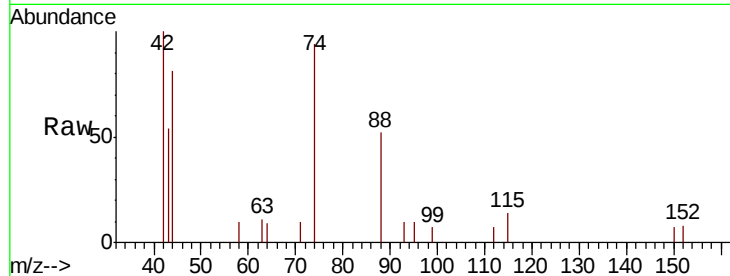


#3

n-Nitrosodimethylamine
 Concen: 0.328 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.01 min
 Lab File: BN010311.D
 Acq: 20 Mar 2020 15:49

Instrument :
 BNA_N
 ClientSampleId :

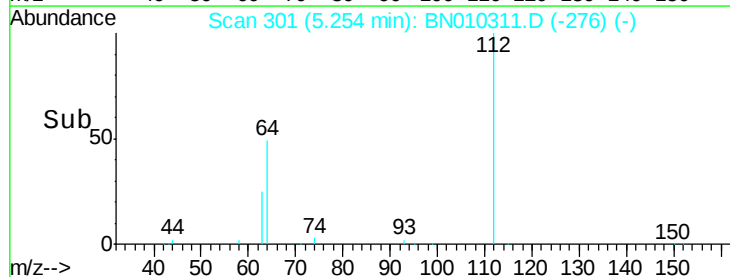
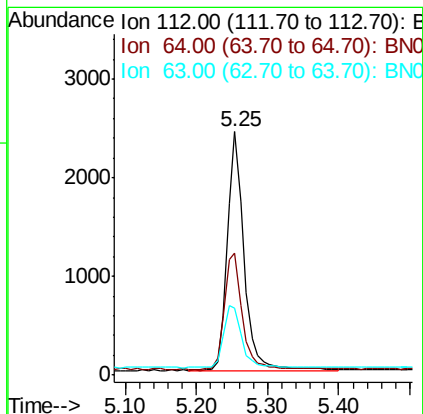
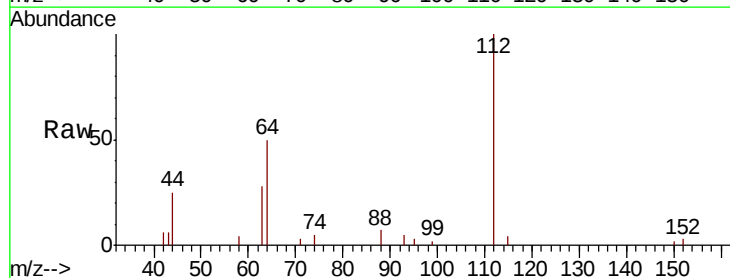
Tot Ion: 42 Resp: 1394
 Ion Ratio Lower Upper
 42 100
 74 121.4 99.4 149.0
 44 6.2 4.8 7.2

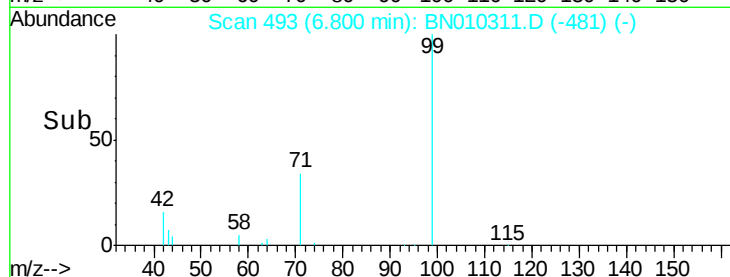
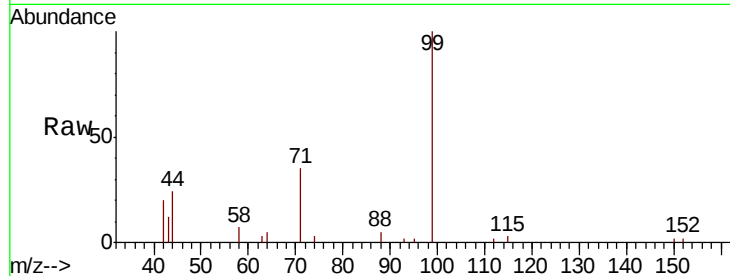
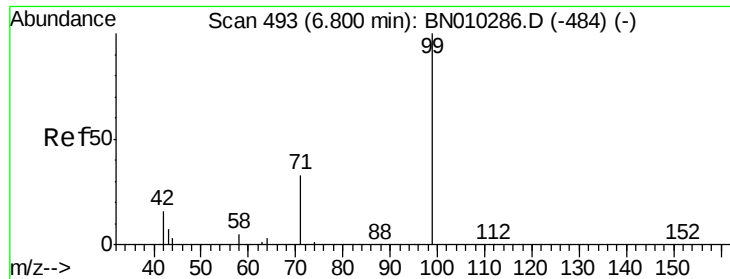


#4

2-Fluorophenol
 Concen: 0.371 ng
 RT: 5.25 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BN010311.D
 Acq: 20 Mar 2020 15:49

Tgt Ion: 112 Resp: 3931
 Ion Ratio Lower Upper
 112 100
 64 50.8 41.4 62.2
 63 27.7 22.9 34.3





#5

Phenol-d6

Concen: 0.371 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampleId :

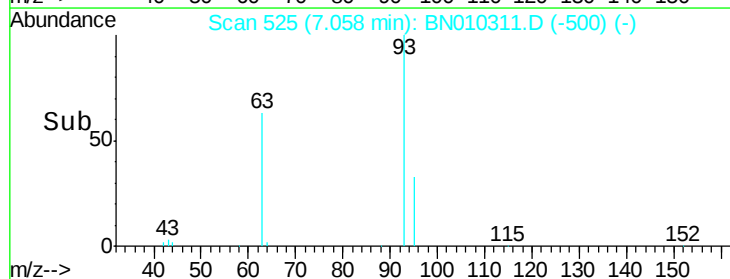
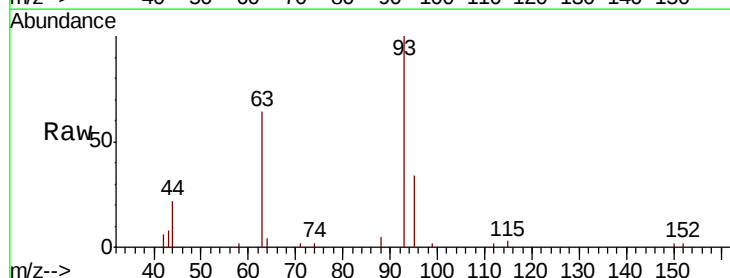
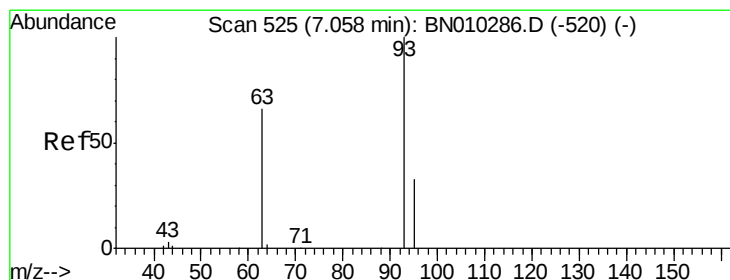
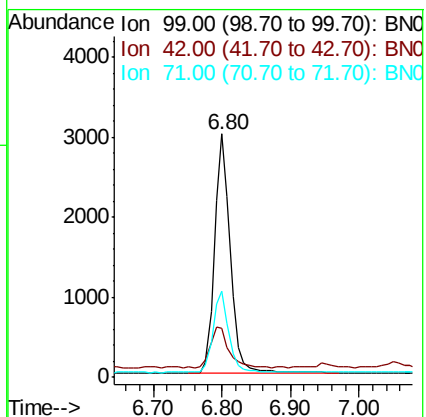
Tot Ion: 99 Resp: 4897

Ion Ratio Lower Upper

99 100

42 19.6 14.8 22.2

71 34.2 27.3 40.9



#6

bis(2-Chloroethyl)ether

Concen: 0.416 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

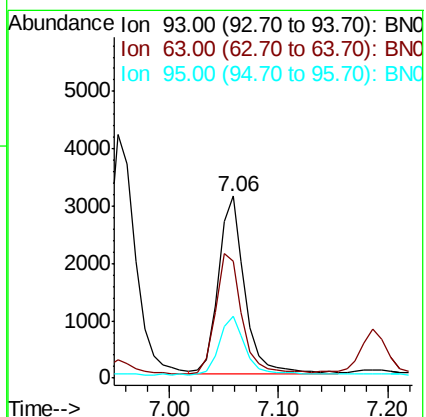
Tgt Ion: 93 Resp: 5273

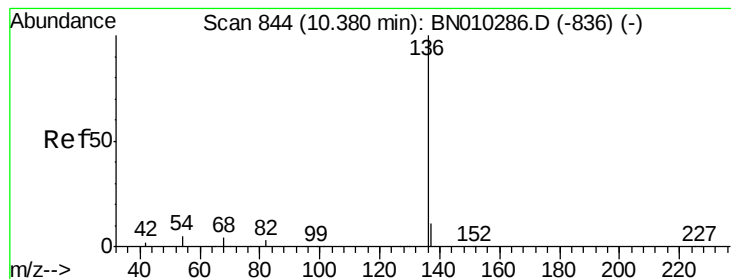
Ion Ratio Lower Upper

93 100

63 66.7 55.6 83.4

95 31.8 26.2 39.4





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 18146

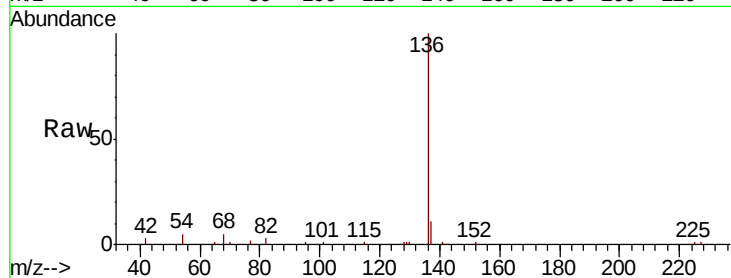
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 5.1 4.8 7.2

68 4.5 4.1 6.1

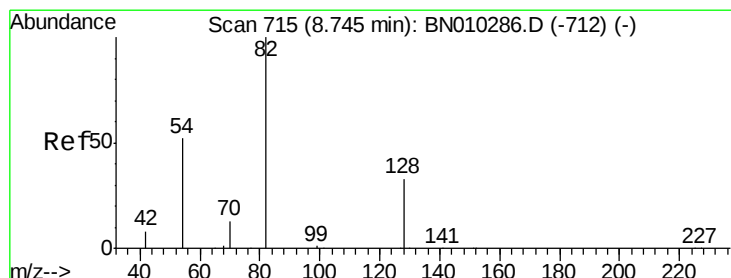
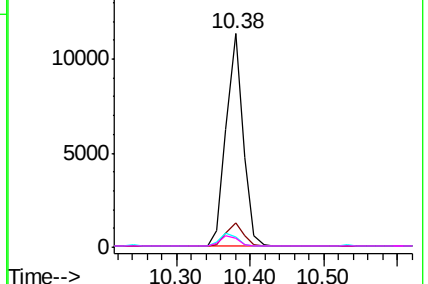
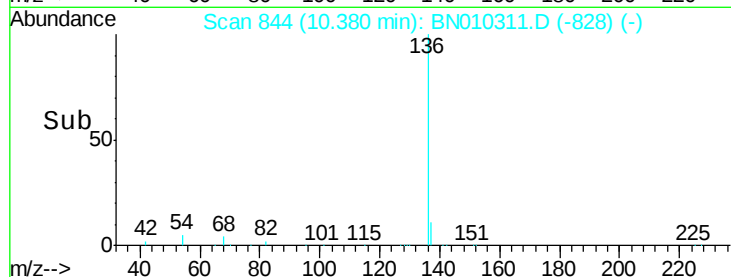


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

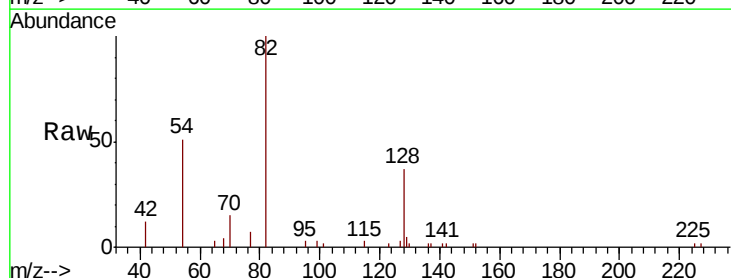
Tgt Ion: 82 Resp: 4430

Ion Ratio Lower Upper

82 100

128 37.2 28.8 43.2

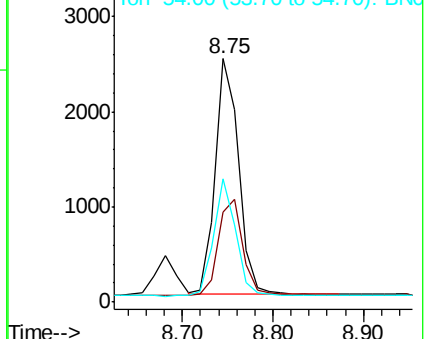
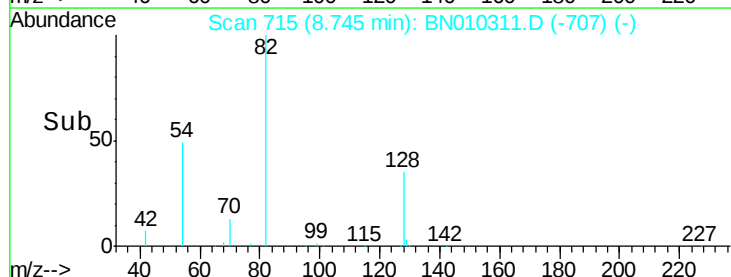
54 50.6 42.1 63.1

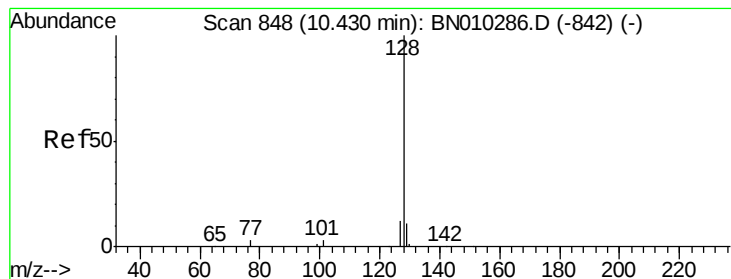


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.399 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampled :

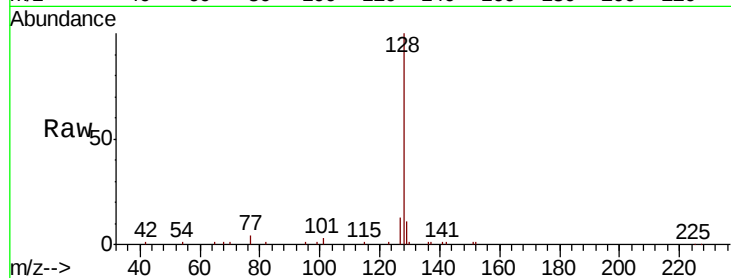
Tot Ion:128 Resp: 18048

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

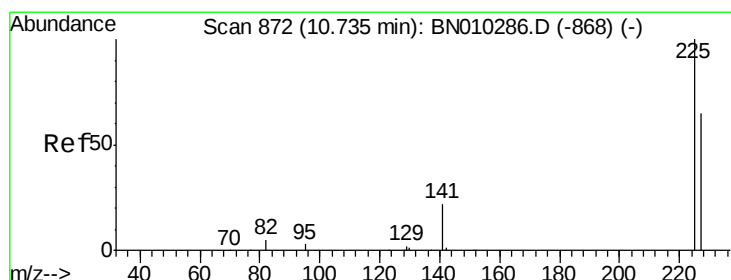
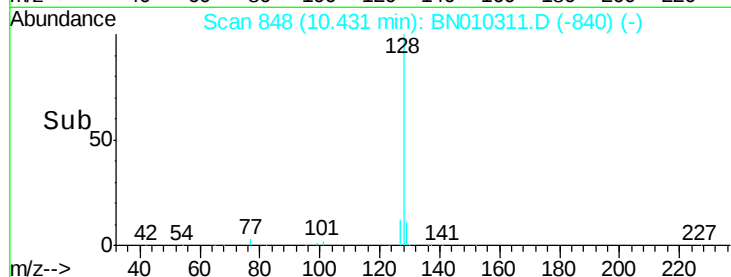
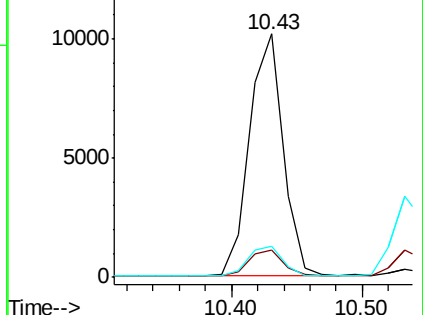
127 12.9 10.4 15.6



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: 0.408 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

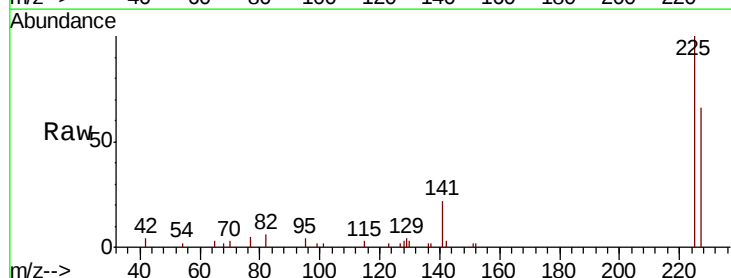
Tgt Ion:225 Resp: 4473

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

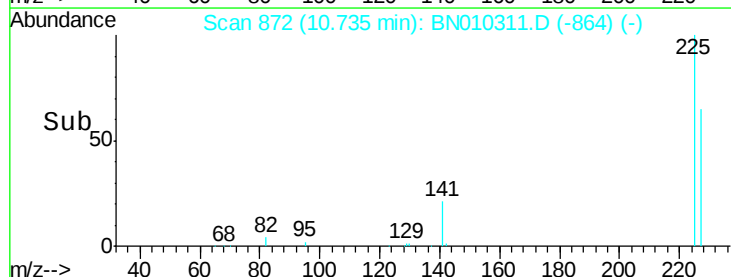
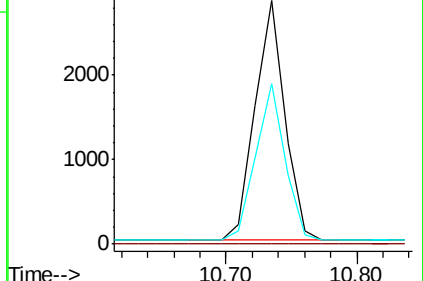
227 64.5 51.9 77.9

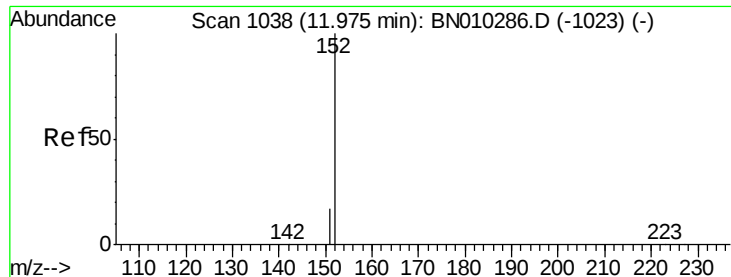


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

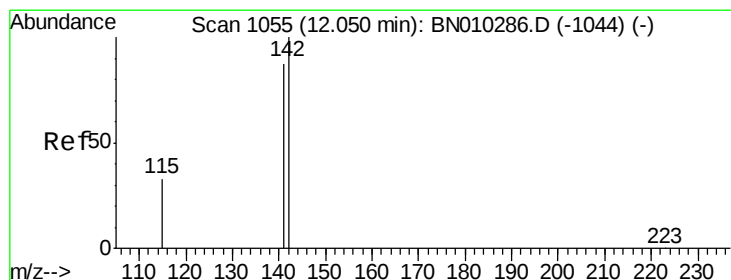
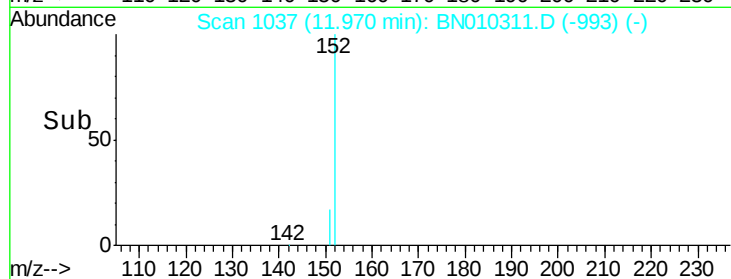
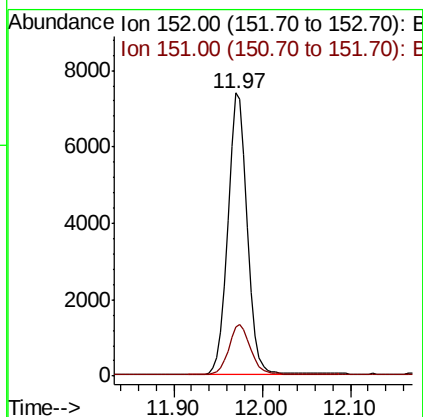
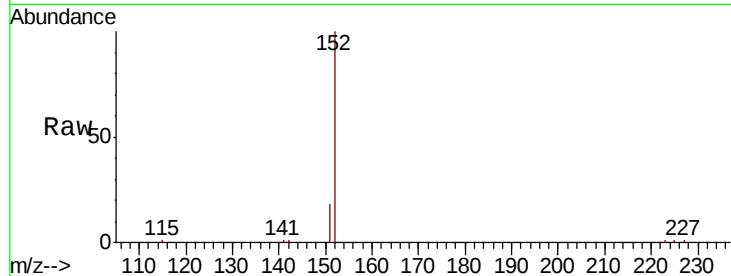




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 11.97 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BN010311.D
 Acq: 20 Mar 2020 15:49

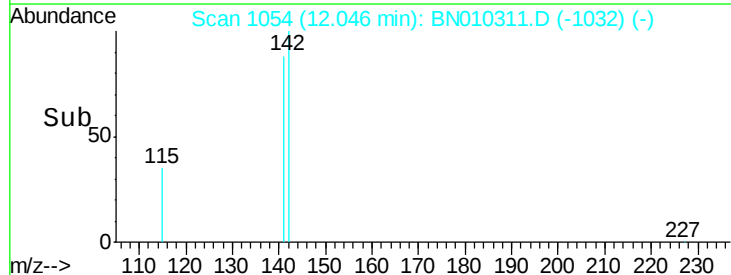
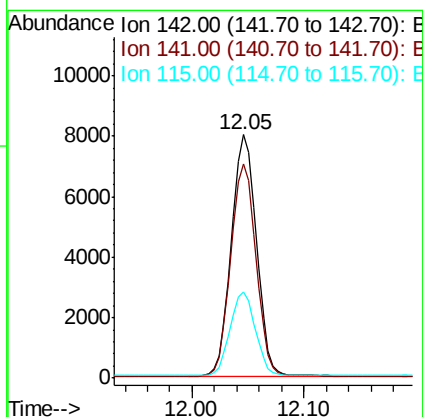
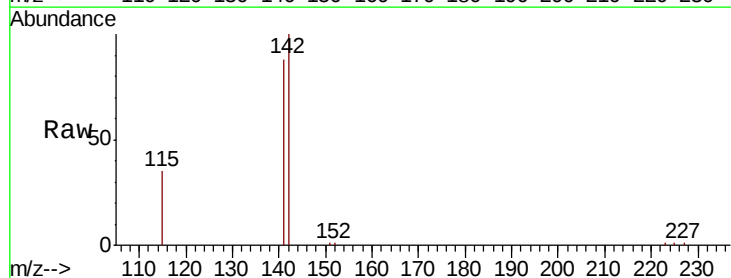
Instrument :
 BNA_N
 ClientSampleId :

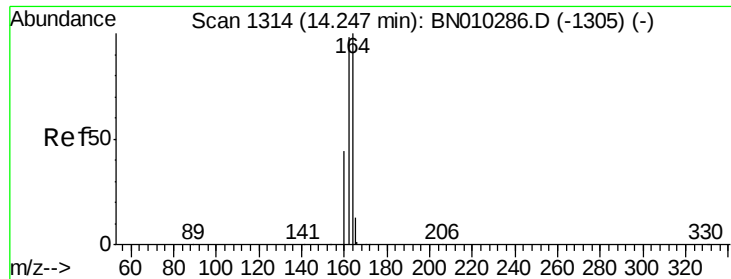
Tot Ion:152 Resp: 11323
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.393 ng
 RT: 12.05 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN010311.D
 Acq: 20 Mar 2020 15:49

Tgt Ion:142 Resp: 12322
 Ion Ratio Lower Upper
 142 100
 141 88.2 69.5 104.3
 115 35.5 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampleId :

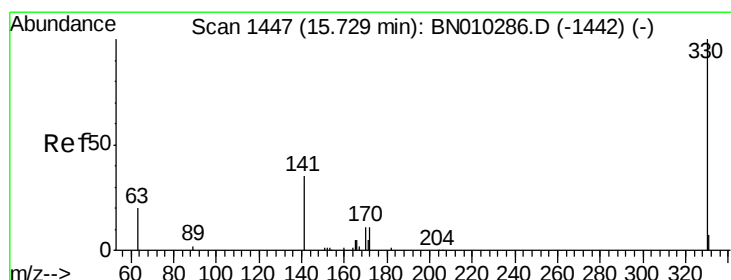
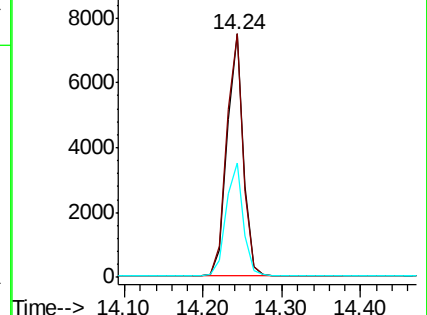
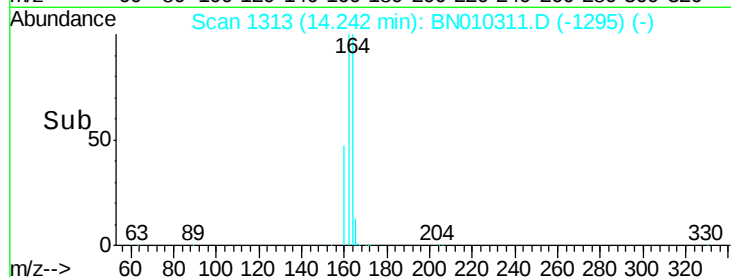
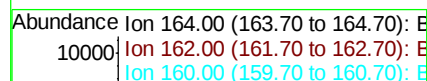
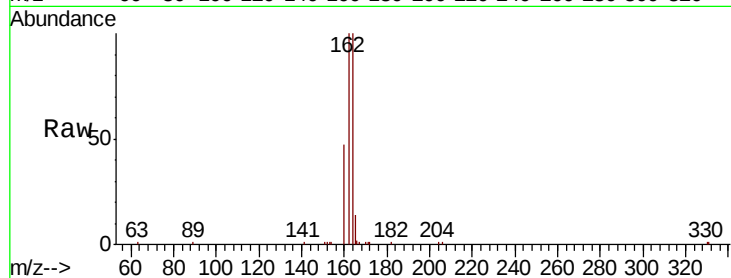
Tot Ion:164 Resp: 10909

Ion Ratio Lower Upper

164 100

162 100.0 78.2 117.2

160 46.9 35.8 53.6



#14

2,4,6-Tribromophenol

Concen: 0.335 ng

RT: 15.74 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

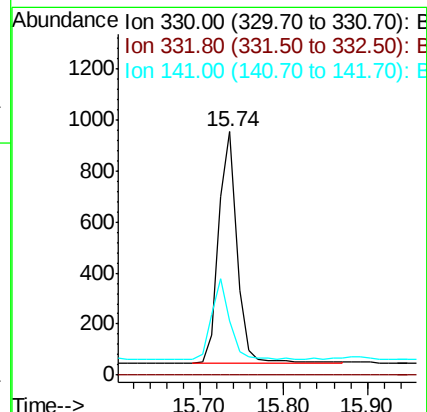
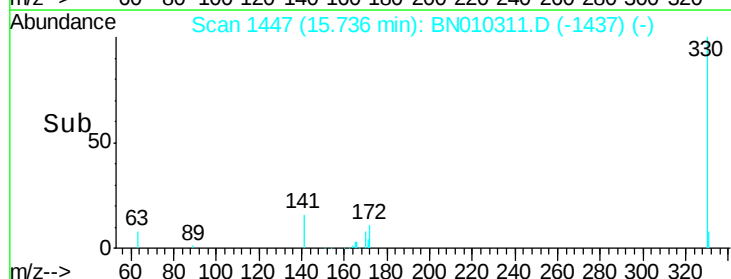
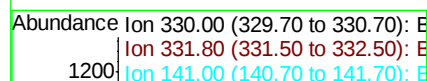
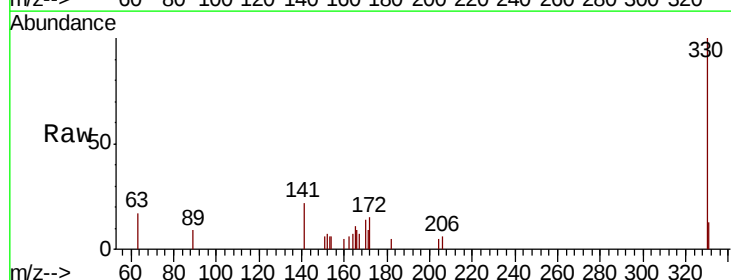
Tgt Ion:330 Resp: 1406

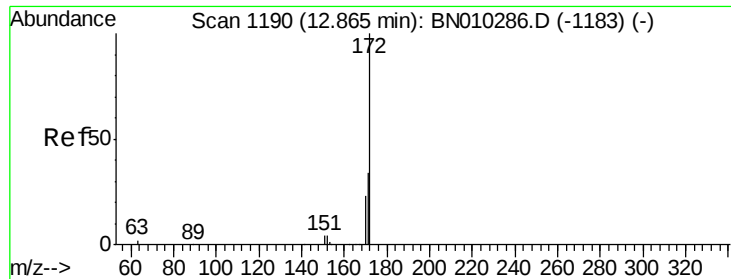
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.9 29.3 43.9

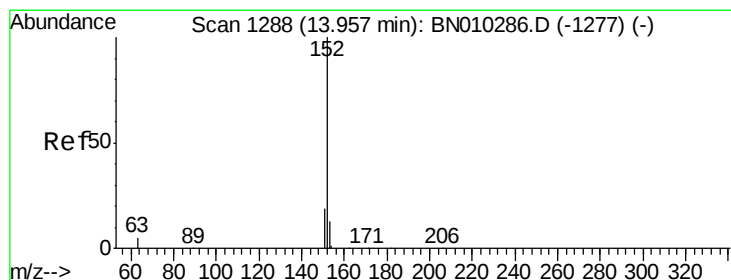
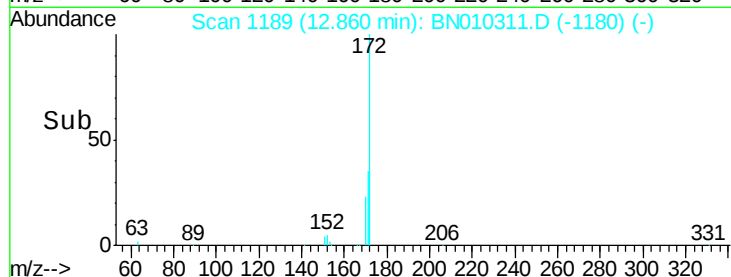
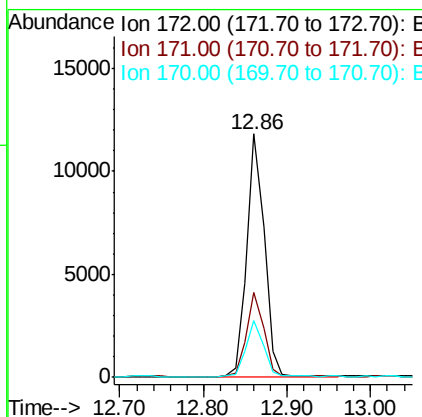
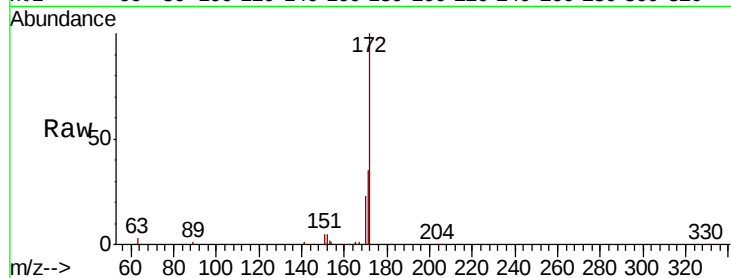




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BN010311.D
Acq: 20 Mar 2020 15:49

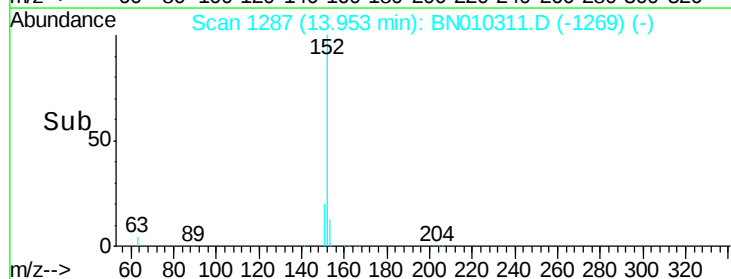
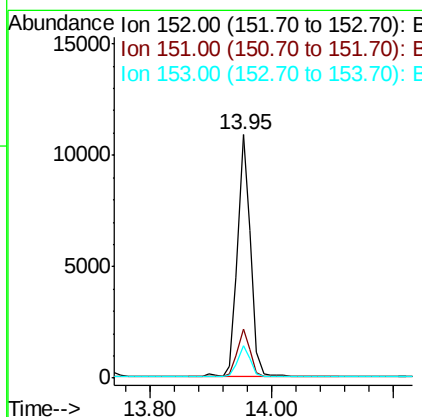
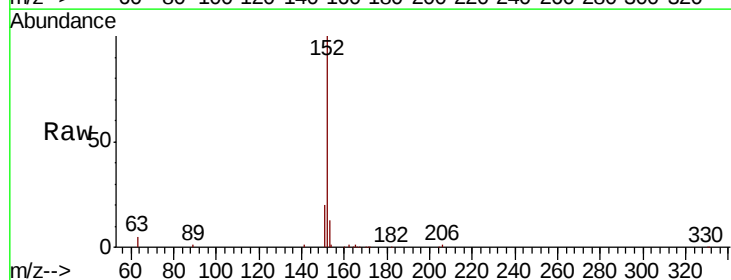
Instrument :
BNA_N
ClientSampleId :

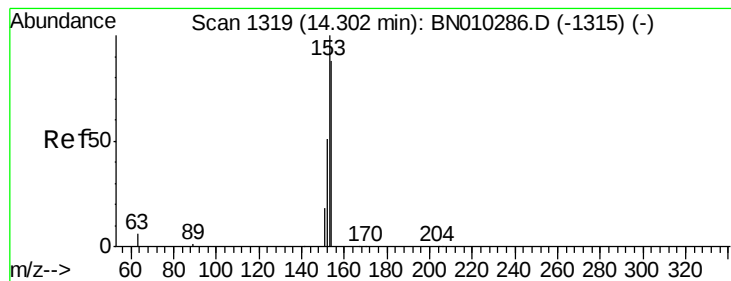
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.6	41.4
170	23.4	18.5	27.7



#16
Acenaphthylene
Concen: 0.380 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN010311.D
Acq: 20 Mar 2020 15:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	12.9	10.6	15.8





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.30 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

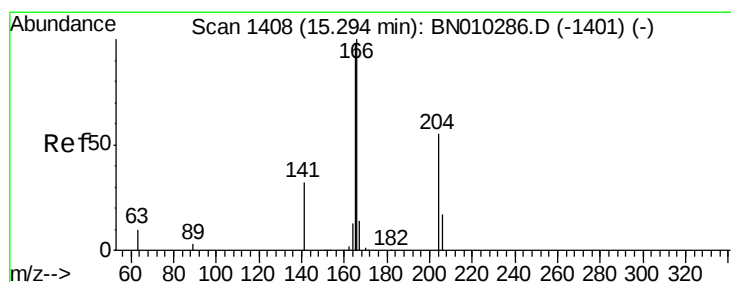
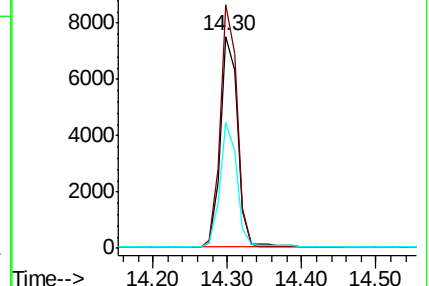
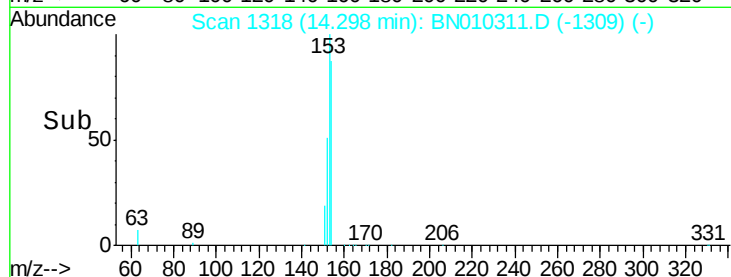
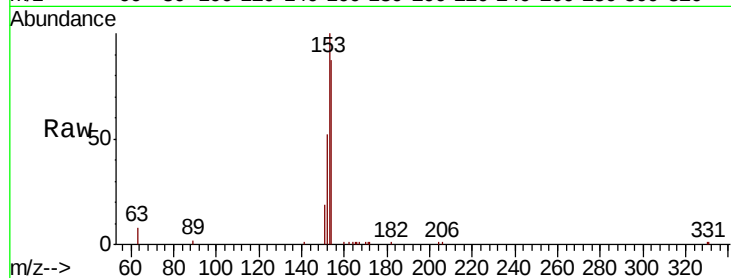
Instrument :

BNA_N

ClientSampled :

Tot Ion:154 Resp: 12025

Ion	Ratio	Lower	Upper
154	100		
153	111.5	88.1	132.1
152	57.5	45.5	68.3



#18

Fluorene

Concen: 0.391 ng

RT: 15.29 min Scan# 1407

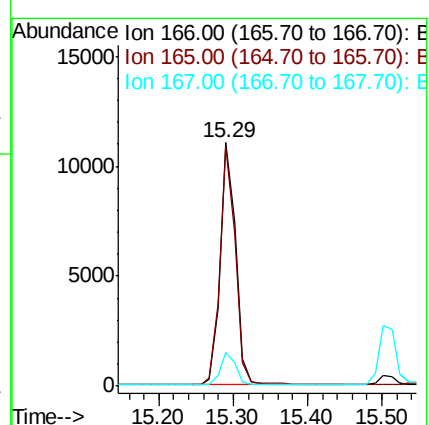
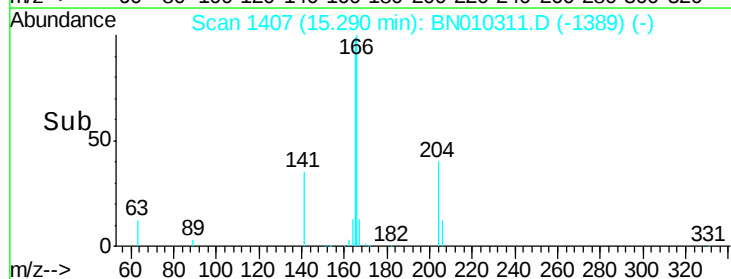
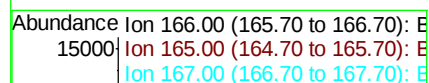
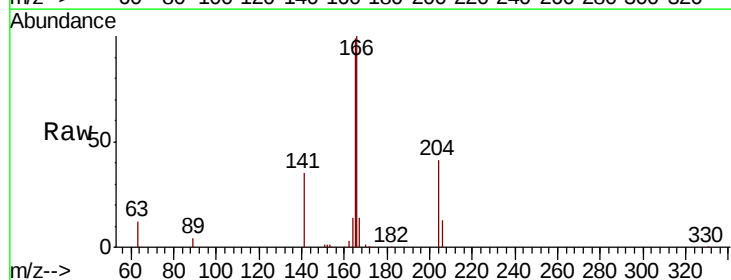
Delta R.T. -0.00 min

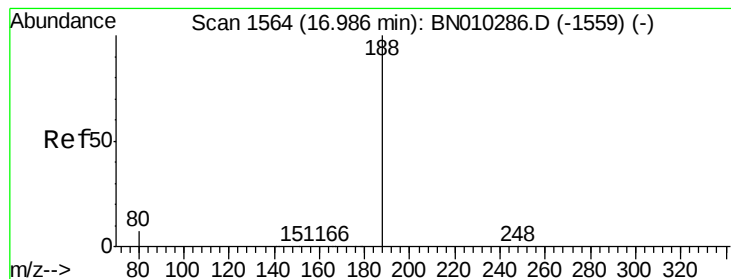
Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Tgt Ion:166 Resp: 15851

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.7	118.1
167	13.7	11.0	16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.98 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampleId :

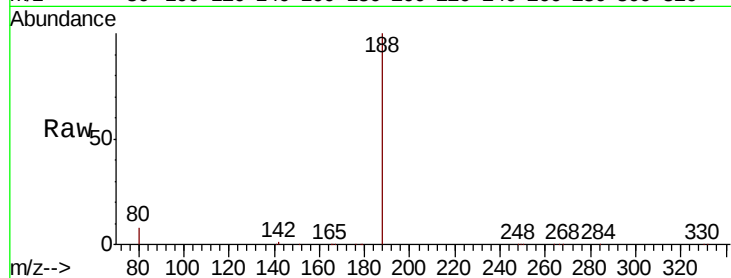
Tot Ion:188 Resp: 26194

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

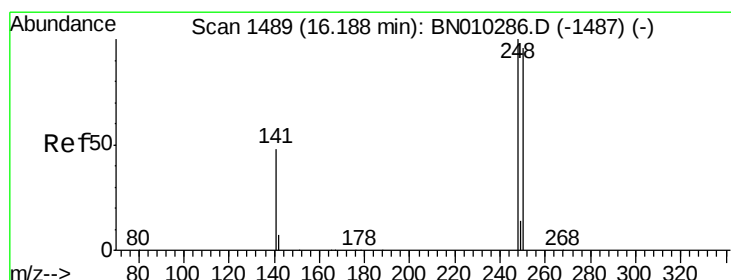
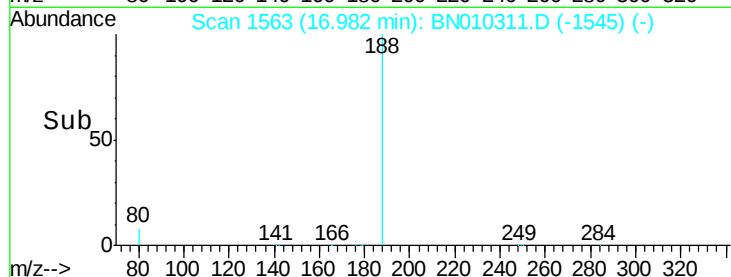
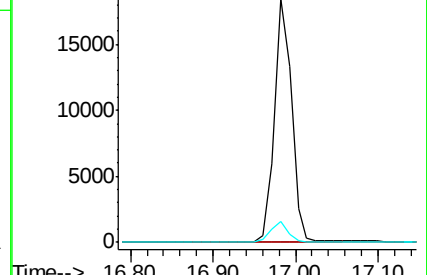
80 8.3 6.0 9.0



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: 0.391 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

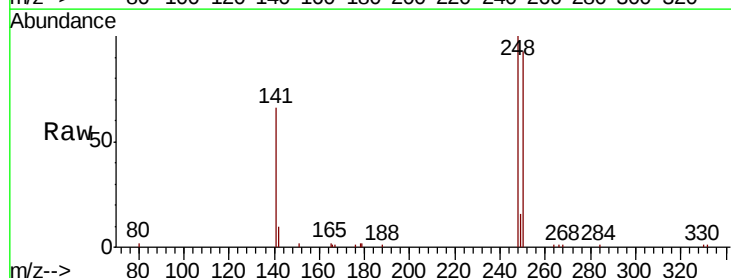
Tgt Ion:248 Resp: 6216

Ion Ratio Lower Upper

248 100

250 92.7 76.8 115.2

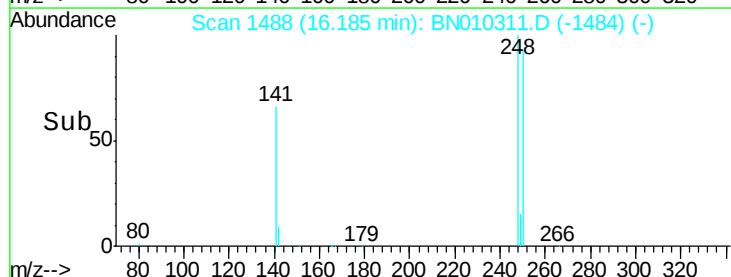
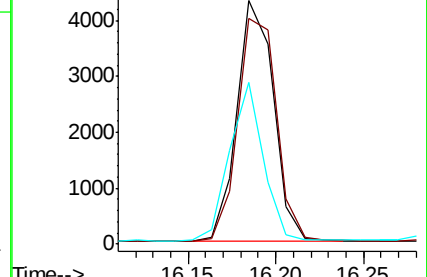
141 66.3 44.4 66.6

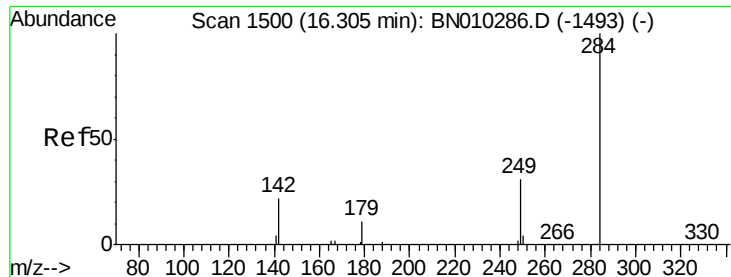


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.398 ng

RT: 16.30 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

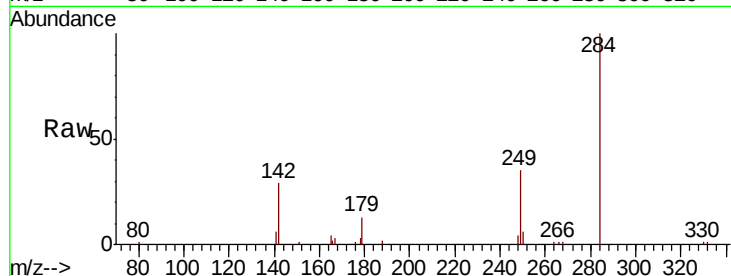
Instrument :

BNA_N

ClientSampleId :

Tot Ion:284 Resp: 6497

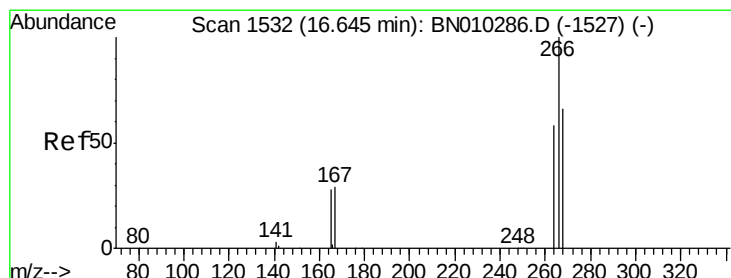
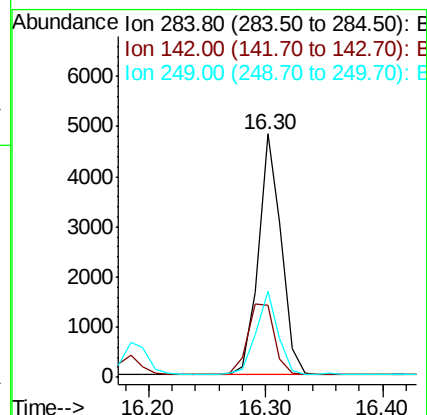
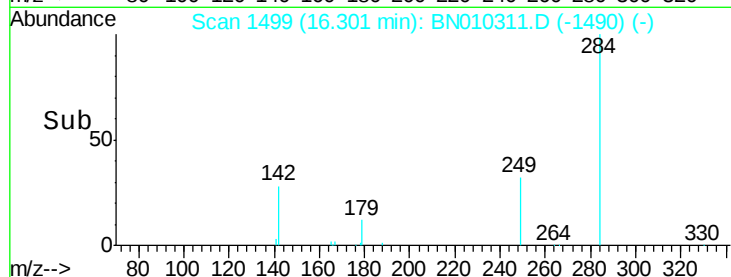
Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.4	41.2
249	33.0	26.5	39.7



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: 0.318 ng

RT: 16.64 min Scan# 1531

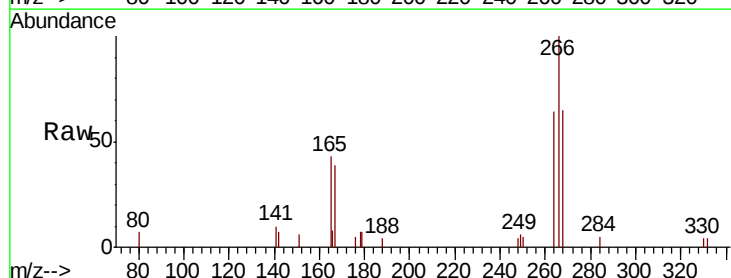
Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Tgt Ion:266 Resp: 1777

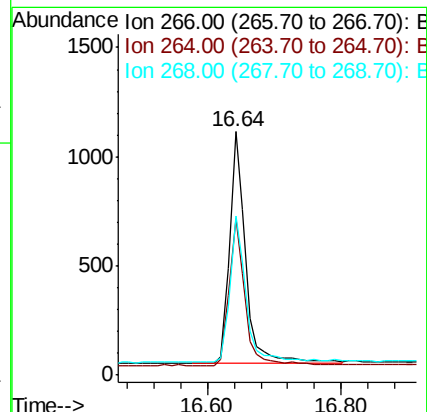
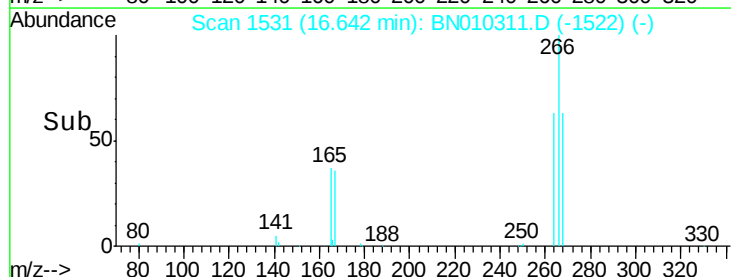
Ion	Ratio	Lower	Upper
266	100		
264	64.4	47.7	71.5
268	65.5	54.9	82.3

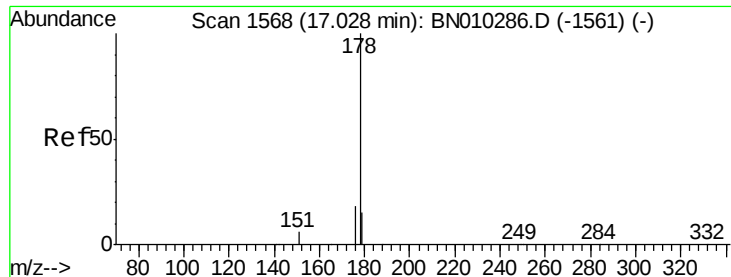


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.393 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampled :

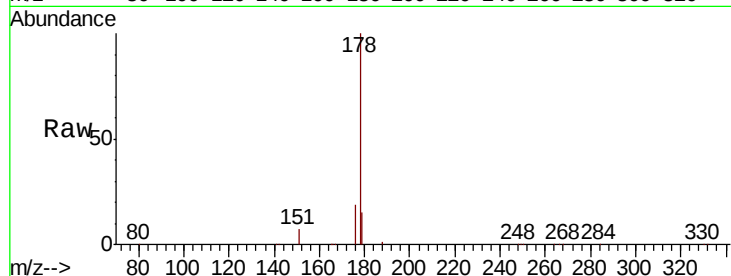
Tot Ion:178 Resp: 28284

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

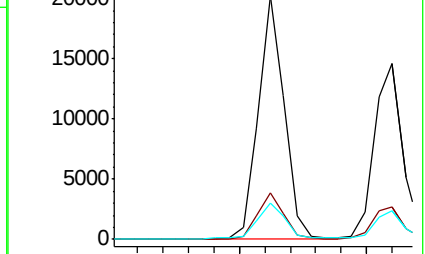
179 15.3 12.4 18.6



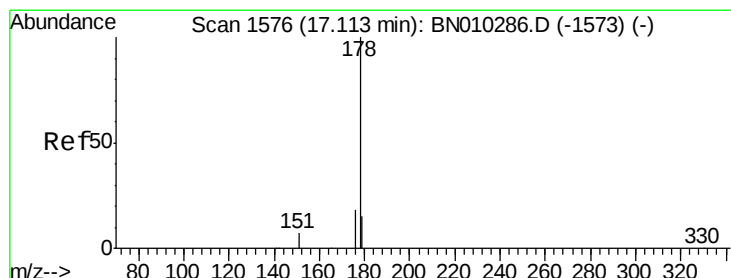
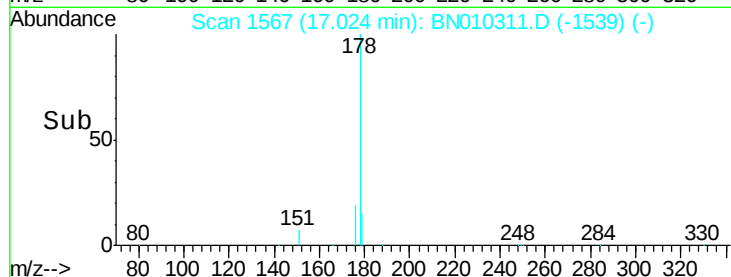
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.373 ng

RT: 17.12 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

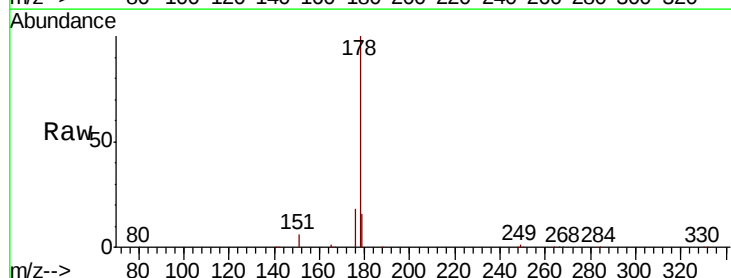
Tgt Ion:178 Resp: 22982

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

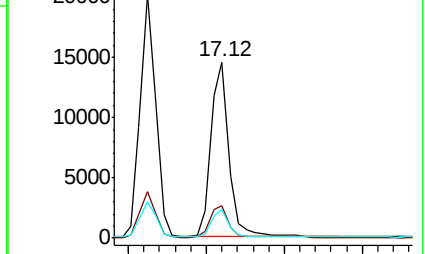
179 15.4 12.3 18.5



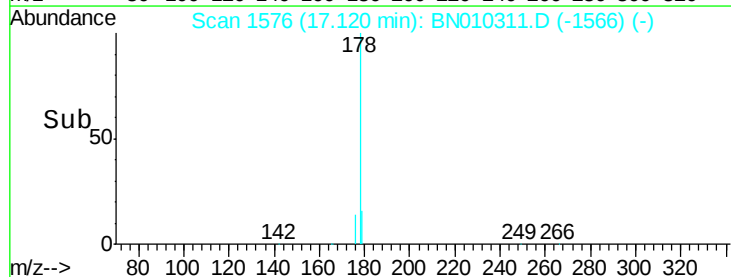
Abundance Ion 178.00 (177.70 to 178.70): E

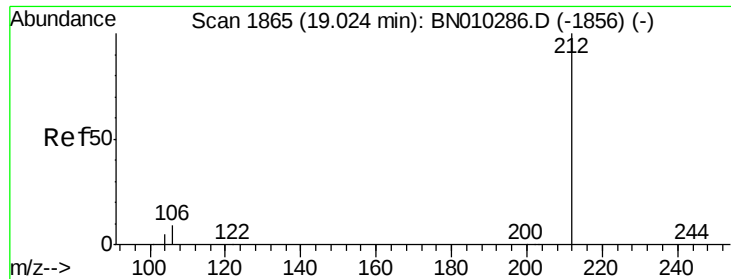
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampleId :

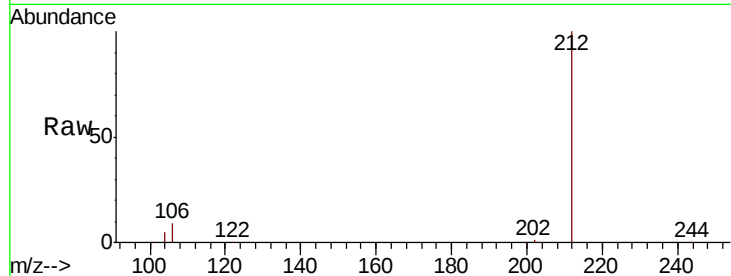
Tot Ion:212 Resp: 30422

Ion Ratio Lower Upper

212 100

106 9.2 7.4 11.2

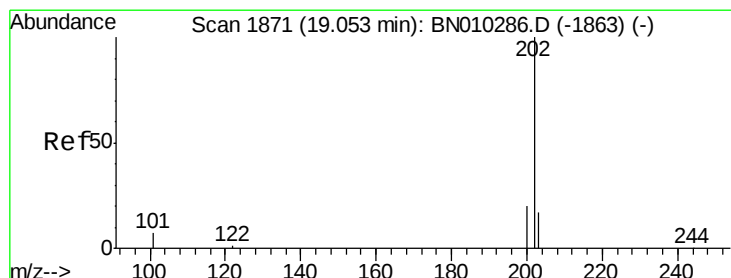
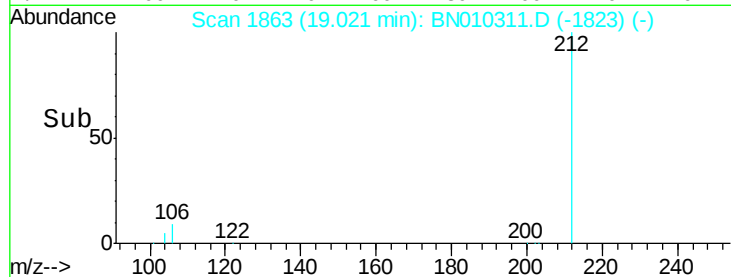
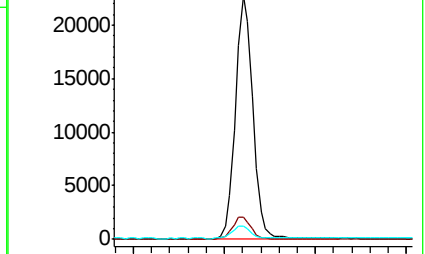
104 5.3 4.2 6.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.392 ng

RT: 19.05 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

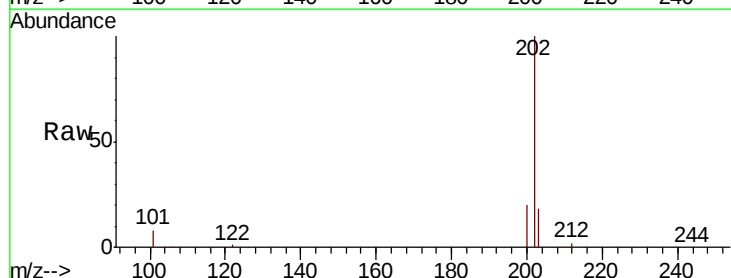
Tgt Ion:202 Resp: 34624

Ion Ratio Lower Upper

202 100

101 8.0 6.6 9.8

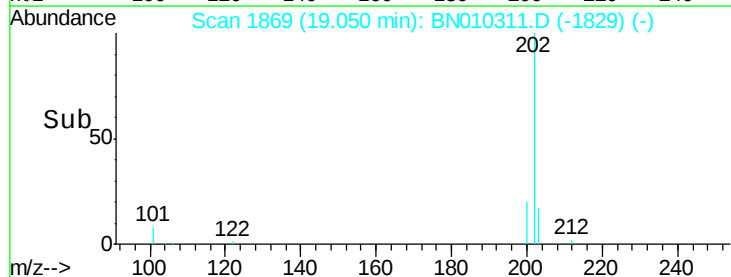
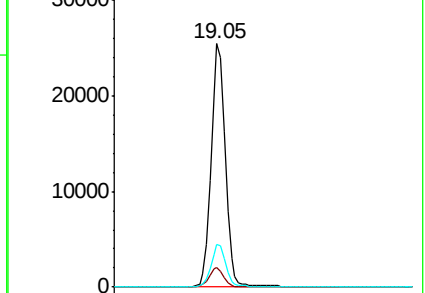
203 17.2 13.8 20.8

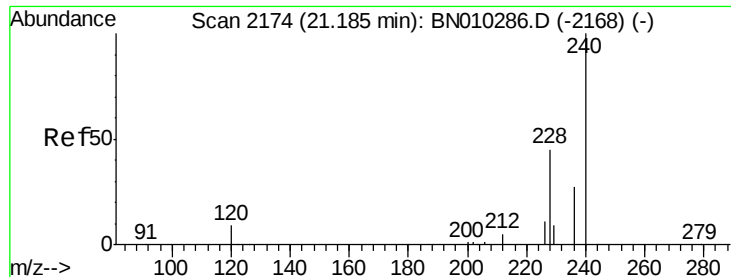


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.19 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampleId :

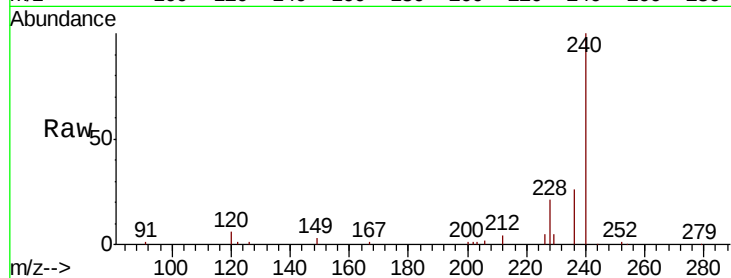
Tot Ion:240 Resp: 28511

Ion Ratio Lower Upper

240 100

120 6.4 7.9 11.9#

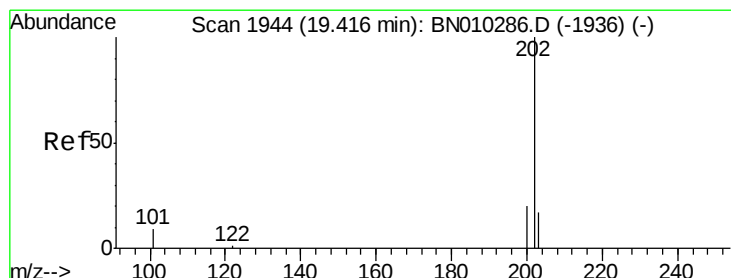
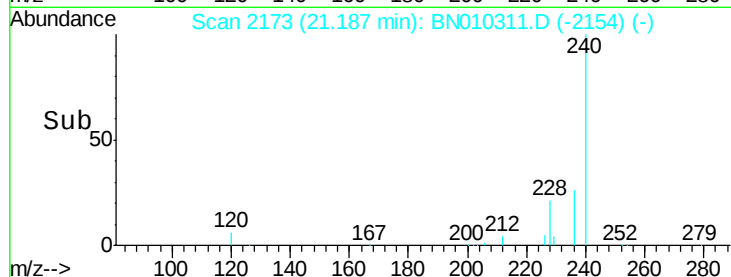
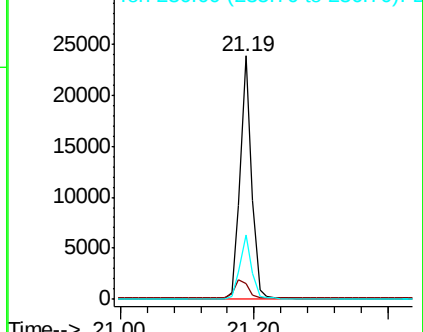
236 26.4 22.2 33.4



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: 0.384 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

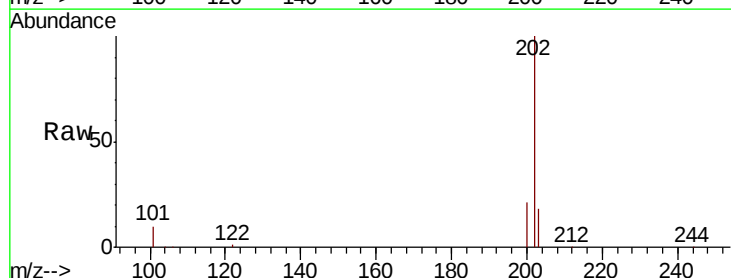
Tgt Ion:202 Resp: 34075

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

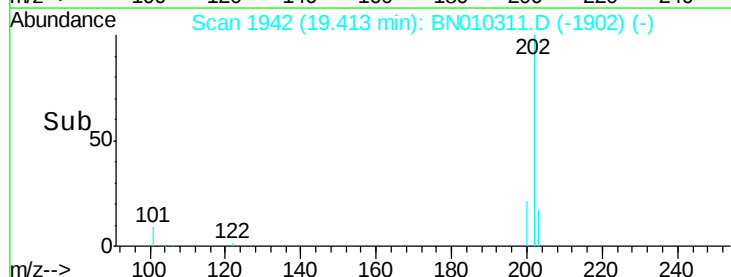
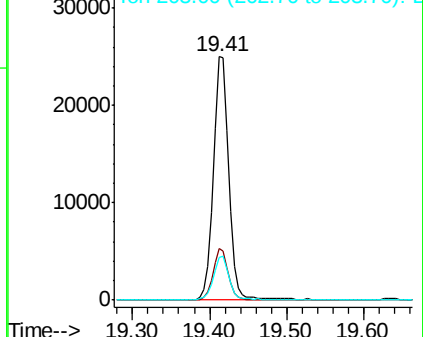
203 17.6 14.2 21.2

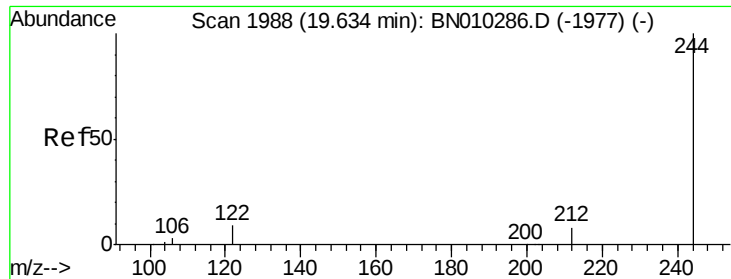


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 19.63 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampled :

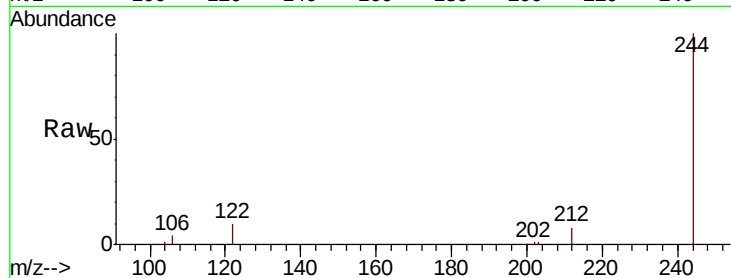
Tot Ion:244 Resp: 24149

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

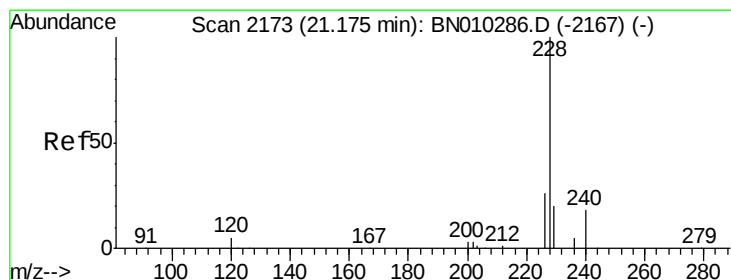
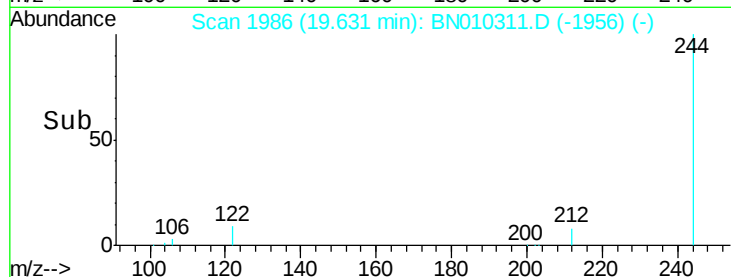
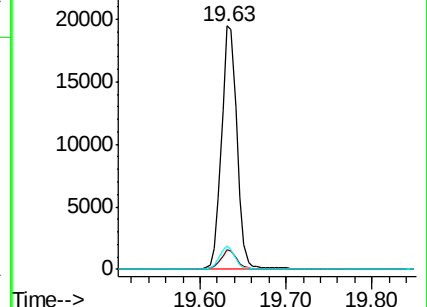
122 9.6 7.6 11.4



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: 0.379 ng

RT: 21.18 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

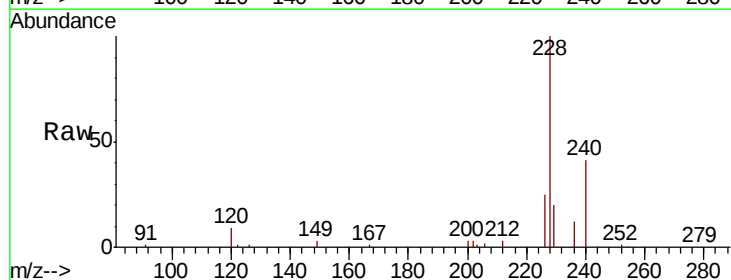
Tgt Ion:228 Resp: 34449

Ion Ratio Lower Upper

228 100

226 25.4 21.0 31.4

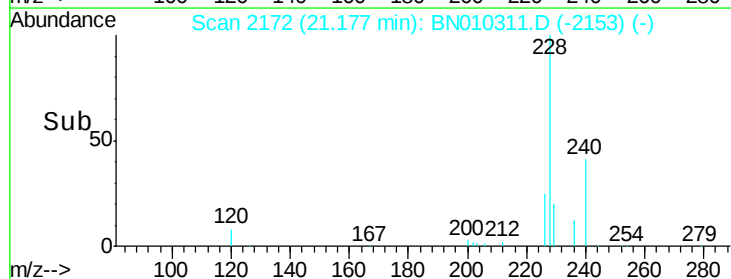
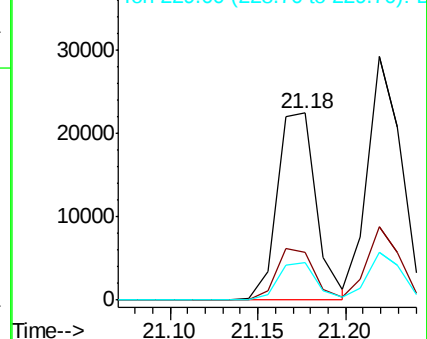
229 20.3 16.0 24.0

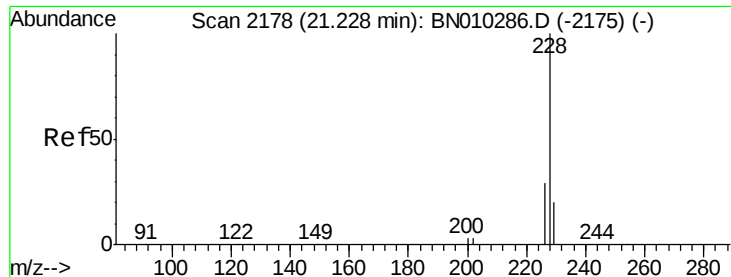


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

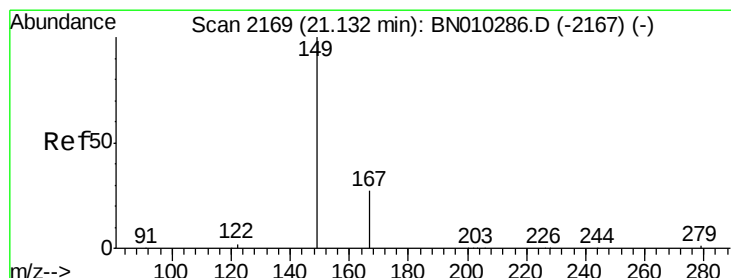
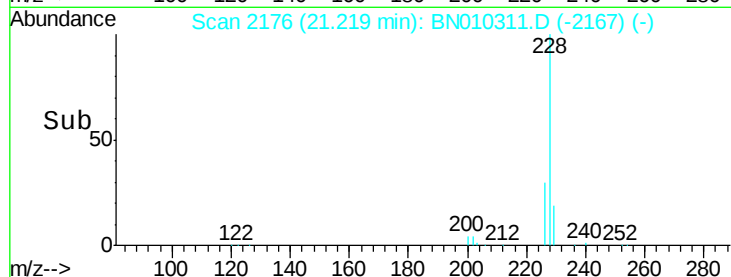
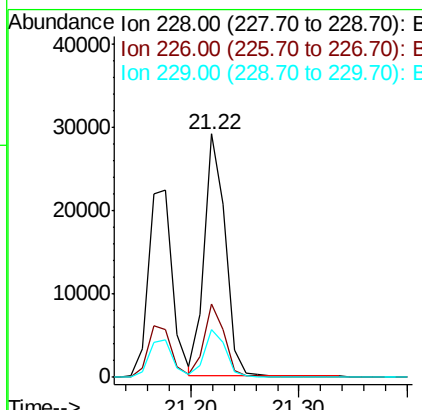
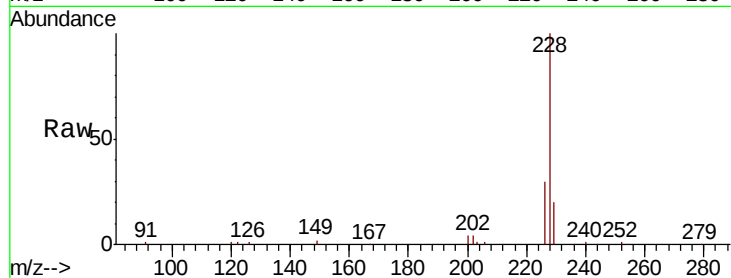




#31
Chrysene
Concen: 0.400 ng
RT: 21.22 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN010311.D
Acq: 20 Mar 2020 15:49

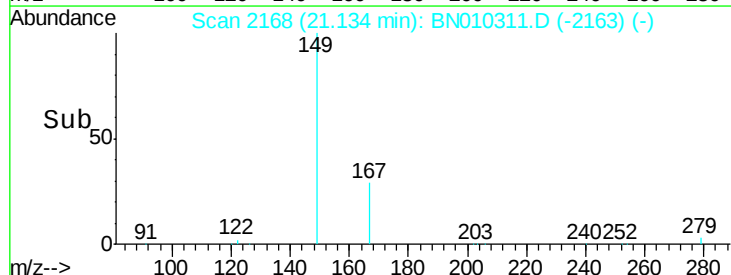
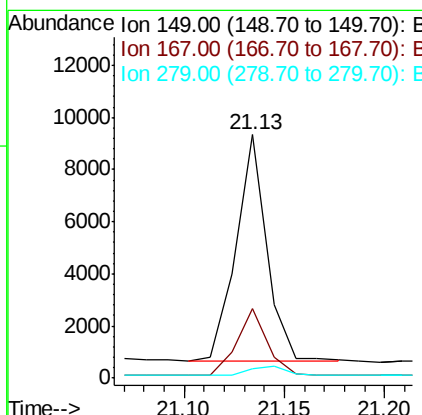
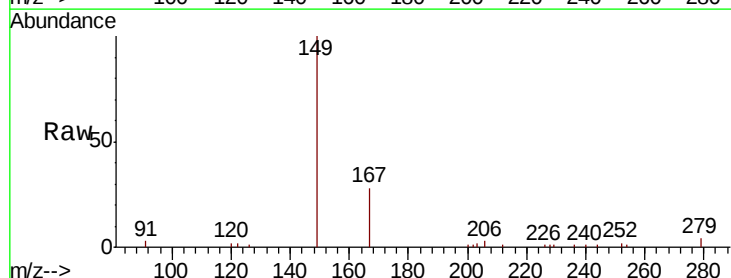
Instrument :
BNA_N
ClientSampleId :

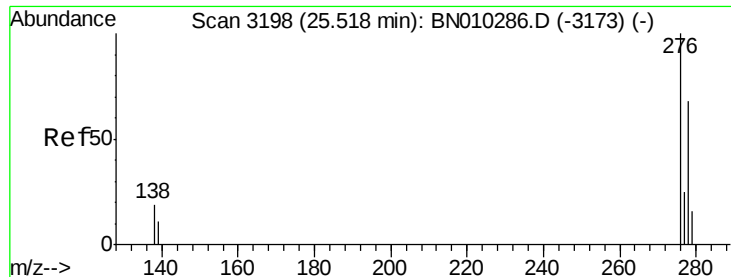
Tot Ion:228 Resp: 38938
Ion Ratio Lower Upper
228 100
226 30.3 23.0 34.6
229 19.5 16.0 24.0



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.306 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010311.D
Acq: 20 Mar 2020 15:49

Tgt Ion:149 Resp: 9372
Ion Ratio Lower Upper
149 100
167 28.7 23.0 34.6
279 5.0 3.8 5.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.369 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampleId :

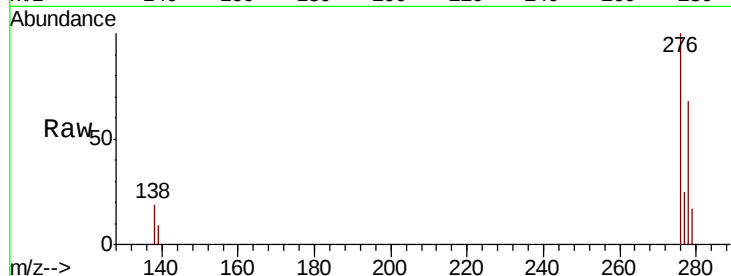
Tot Ion:276 Resp: 38506

Ion Ratio Lower Upper

276 100

138 18.5 15.6 23.4

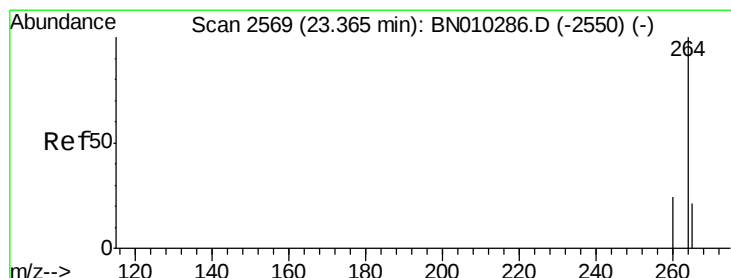
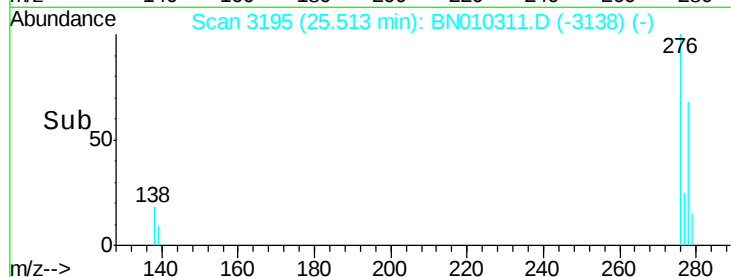
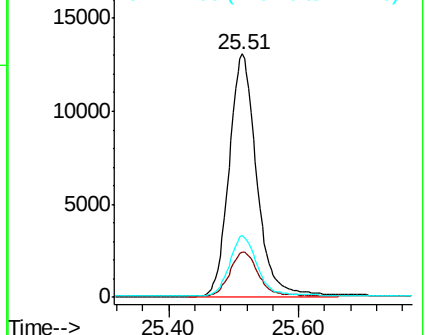
277 25.0 20.1 30.1



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# 2567

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

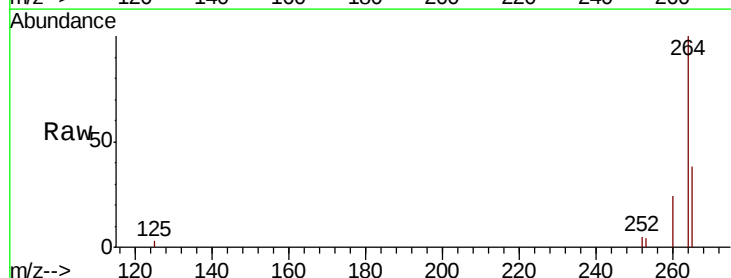
Tgt Ion:264 Resp: 26285

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

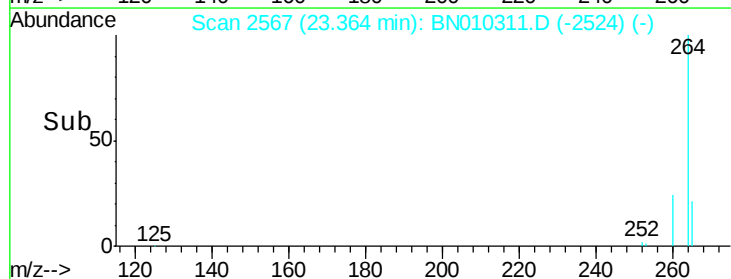
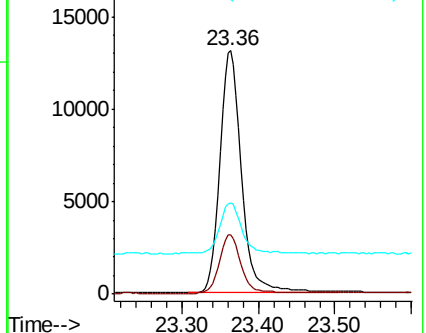
265 37.7 32.4 48.6

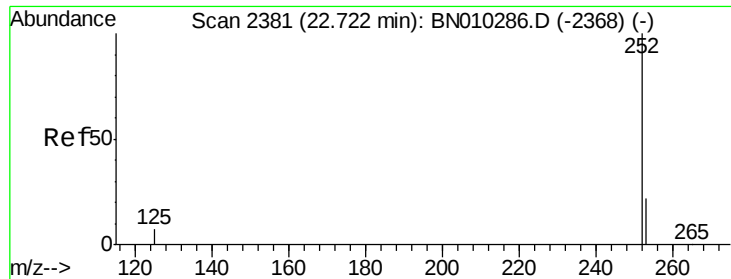


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.401 ng

RT: 22.72 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampleId :

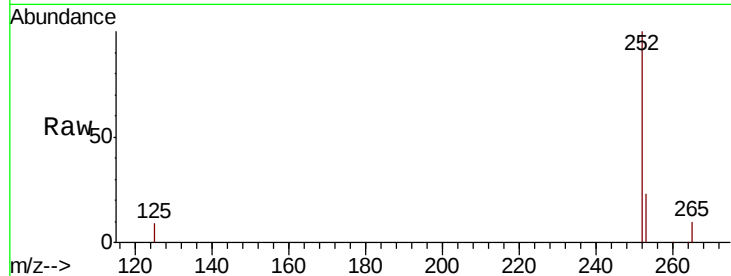
Tot Ion:252 Resp: 35808

Ion Ratio Lower Upper

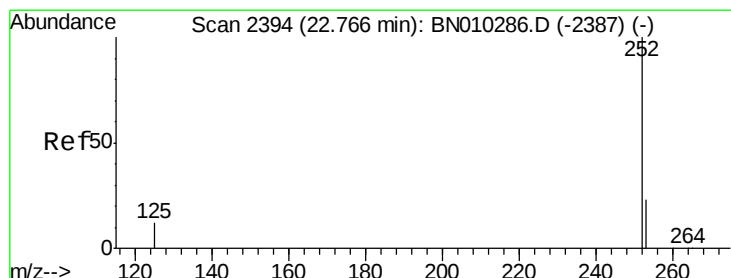
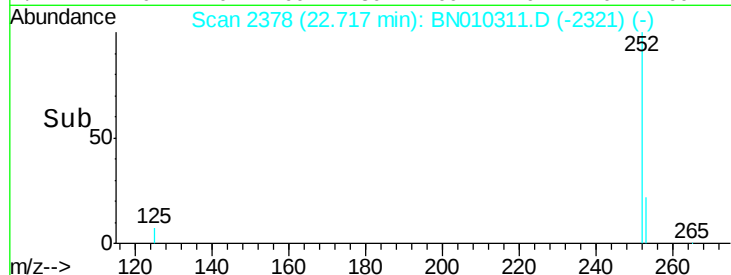
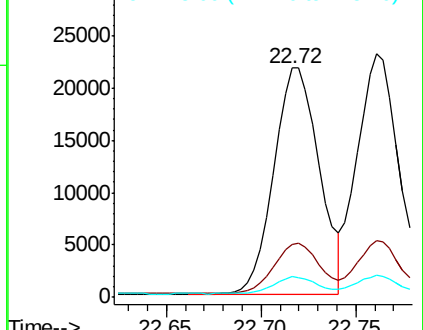
252 100

253 23.1 19.2 28.8

125 8.9 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.397 ng

RT: 22.76 min Scan# 2391

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

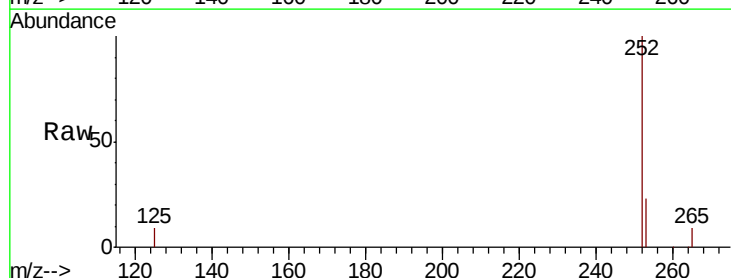
Tgt Ion:252 Resp: 36108

Ion Ratio Lower Upper

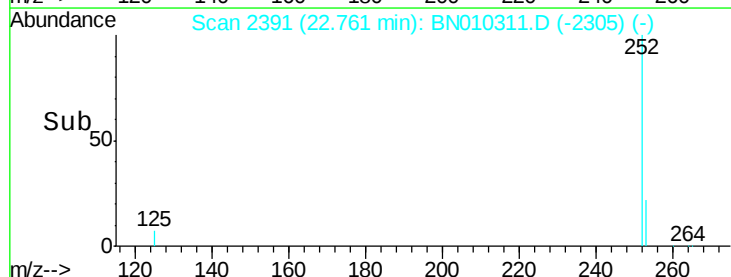
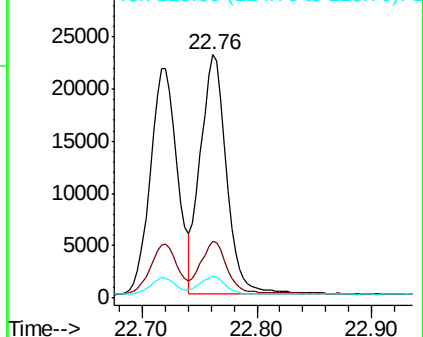
252 100

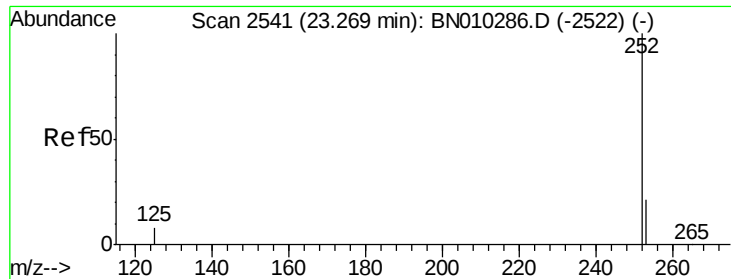
253 23.3 19.4 29.0

125 8.9 10.2 15.2#



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: 0.380 ng

RT: 23.27 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampleId :

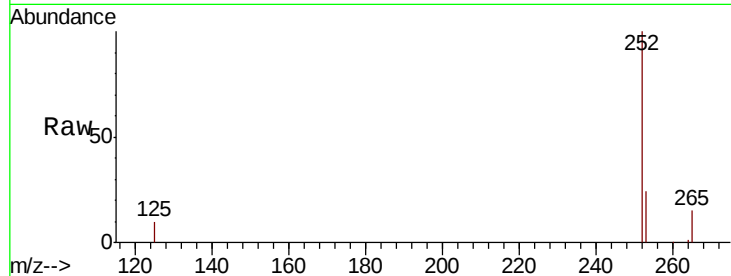
Tot Ion:252 Resp: 28651

Ion Ratio Lower Upper

252 100

253 24.2 19.9 29.9

125 10.3 8.9 13.3

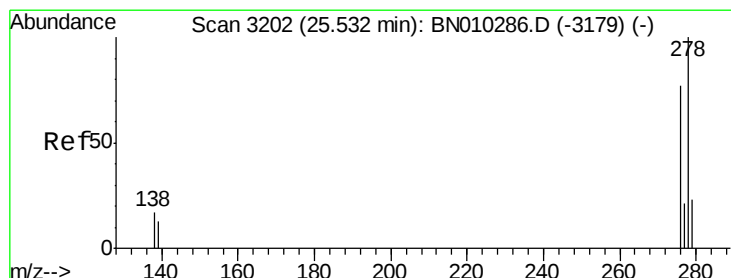
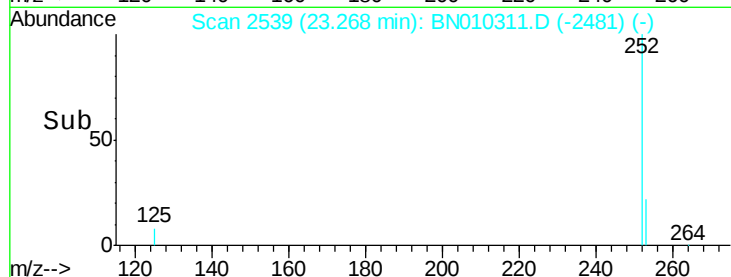
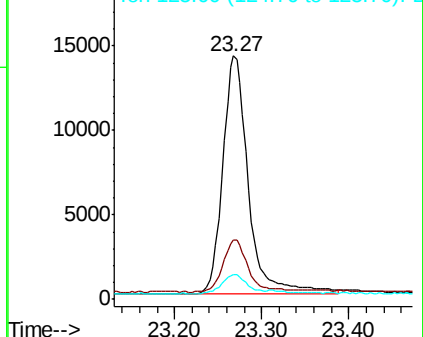


Abundance

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: 0.393 ng

RT: 25.53 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

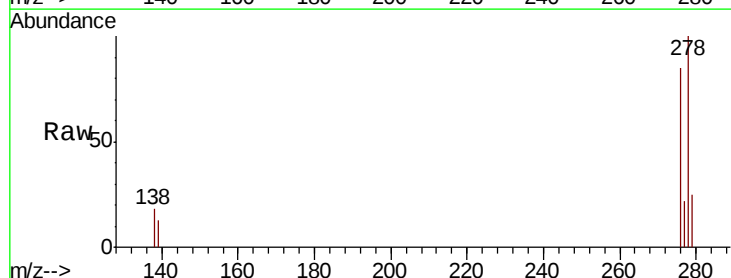
Tgt Ion:278 Resp: 32016

Ion Ratio Lower Upper

278 100

139 12.7 10.6 16.0

279 24.6 19.8 29.6

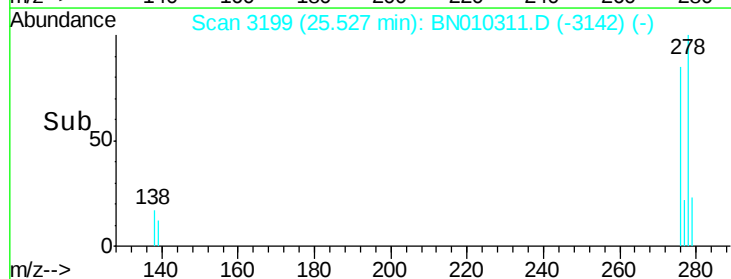
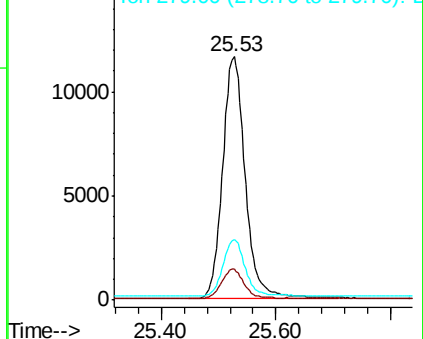


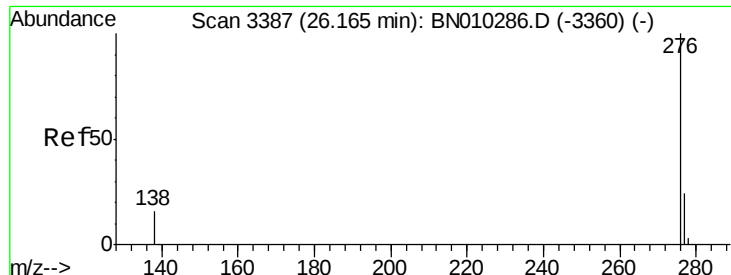
Abundance

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: 0.399 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.00 min

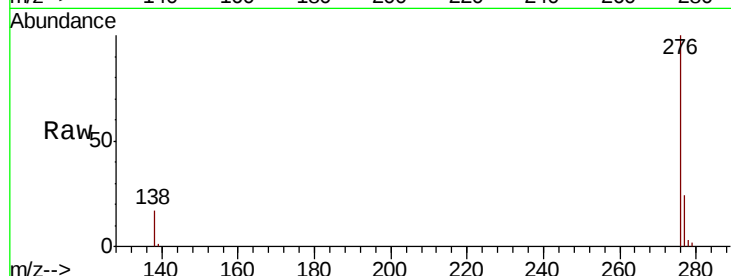
Lab File: BN010311.D

Acq: 20 Mar 2020 15:49

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 32735

Ion Ratio Lower Upper

276 100

277 24.4 19.6 29.4

138 16.6 13.3 19.9

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

